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

Ent 486495 Bk 732 Pg 360-374
Date: 27-MAY-2008 4:18PM
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over public lands, not reserved for public uses" under United States Revised Statutes 2477 (43 U.S.C. Section 932 (repealed October 21, 1976, with proviso recognizing the validity of rights-of-way already established)) was accepted for and on behalf of the State of Utah and its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 BOOK CLIFF ROAD; County Road Number: 00194; State Geographic Information Database (SGID) Road Identification Number: RD100205. Total road length is 67.6 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 22nd day of May, 2008.

By the Governor's Designee

John Harja

## CERTIFICATION

**State of Utah** )
: ss
**County of Salt Lake** )

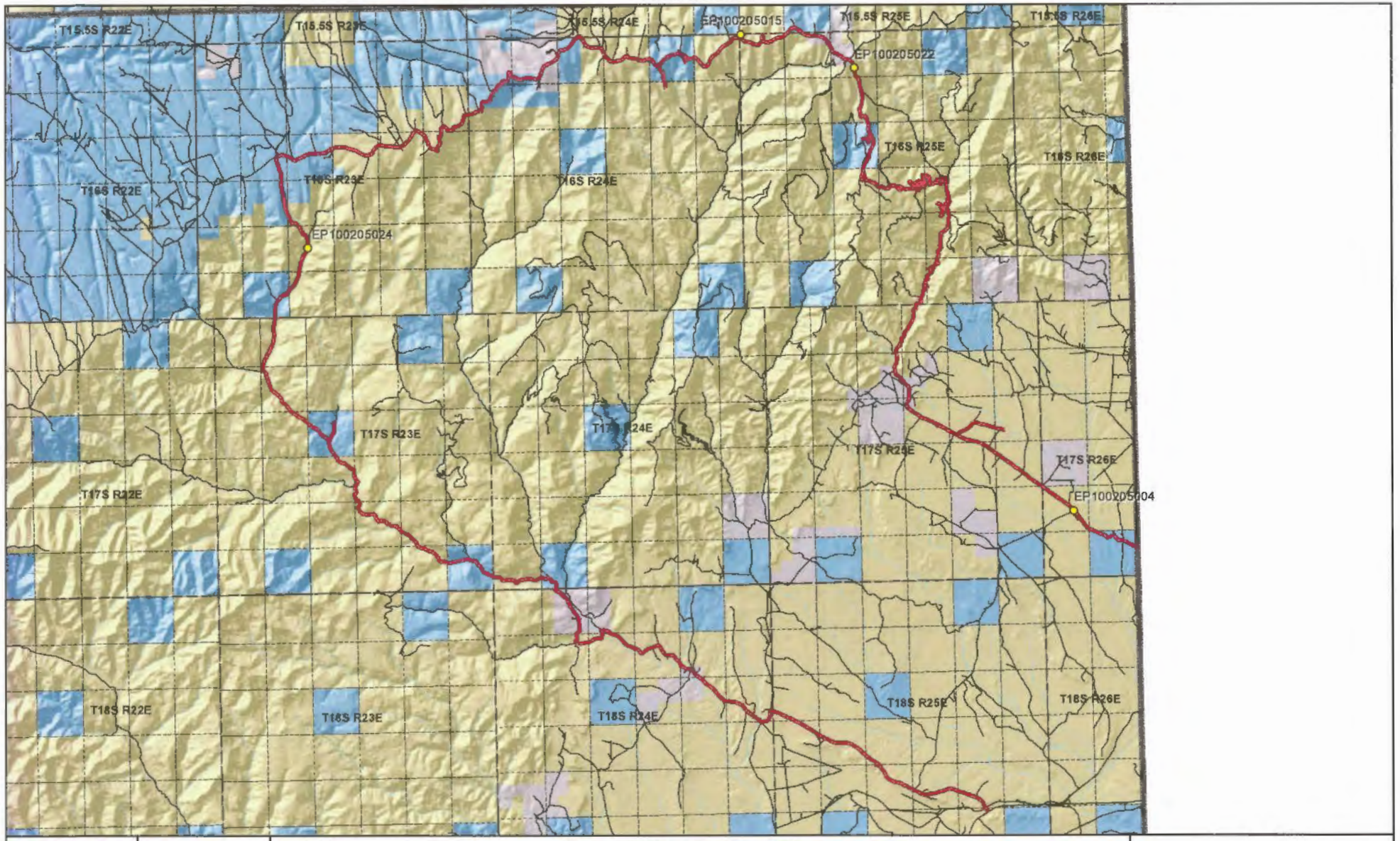
I hereby certify that the signer of the foregoing document, John Harja, is personally known by me, has made a voluntary signature and taken an oath stating that he is the official designee of the Governor of the State of Utah and is authorized to sign this document on the Governor's behalf pursuant to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

Dated this 22nd day of May, 2008.

NOTARY PUBLIC
PAMELA Z. BLACKHAM
5110 State Office Bldg
Salt Lake City, Utah 84114
COMMISSION EXPIRES
May 3, 2011
STATE OF UTAH

Pamela Z. Blackham
Notary Public

Ent 486495 Bk 0732 Pg 0361




1:182,334
1 inch equals 2.9 miles

## *Book Cliff Road - Grand County*
## *SGID RD_ID RD100205*

**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

**Transportation Network**

- Book Cliff 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 17, 2008

UTAH AGRC



Ent 486495 Bk 0732 Pg 0362

EP100205004

EP100205015

EP100205022

EP100205024

EP000000000

Ent 486495 Bk 0732 Pg 0363

EP000000000

***Book Cliff Road - Grand County***
***SGID RD_ID RD100205***

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: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Total Road Length: 67.6 miles more or less.**

**Beginning at a point** on the road centerline located at 39 degrees 22 minutes 20.42 seconds North Latitude and -109 degrees 23 minutes 041.3 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,235,482.9 feet and Y = 6,947,112.0 feet based on the US Survey Foot conversion.

**Ending at a point** on the road centerline located at 39 degrees 27 minutes 12.34 seconds North Latitude and -109 degrees 12 minutes 28.41 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,287,549.4 feet and Y = 6,977,935.6 feet based on the US Survey Foot conversion.

This road may traverse:

Township 15.5 South Range 24 East, Section(s) 33, Salt Lake Base & Meridian
Township 15.5 South Range 25 East, Section(s) 31,32, Salt Lake Base & Meridian
Township 16 South Range 23 East, Section(s) 11,12,13,14,15,16,17,20,21,28,32,33, Salt Lake Base & Meridian
Township 16 South Range 24 East, Section(s) 1,2,3,4,5,6,7,11, Salt Lake Base & Meridian
Township 16 South Range 25 East, Section(s) 4,5,6,9,16,21,22,23,26,34,35, Salt Lake Base & Meridian
Township 17 South Range 23 East, Section(s) 5,8,16,17,21,22,26,27,35,36, Salt Lake Base & Meridian
Township 17 South Range 24 East, Section(s) 31,32, Salt Lake Base & Meridian
Township 17 South Range 25 East, Section(s) 3,4,9,10,13,14,15,23,24,25, Salt Lake Base & Meridian
Township 17 South Range 26 East, Section(s) 29,30,32,33, Salt Lake Base & Meridian
Township 18 South Range 24 East, Section(s) 4,5,8,9,10,11,13,14,24, Salt Lake Base & Meridian
Township 18 South Range 25 East, Section(s) 18,19,20,21,26,27,28,35, Salt Lake Base & Meridian
See Attachment 1 above for a cartographic depiction of the course of this road.

Ent 486495 Bk 0732 Pg 0364

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

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Total Road Length: 67.6 miles more or less.**

**Centerline Descriptions Of Road-Segments Tbat 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).**

| Road-Segments Listed by SGID Road Identification Number (RD_ID) | Road-Segment Numbers | Believed Ownership Of Servient Estate | Approximate Segment Length | See Attached Appendix |
|---|---|---|---|---|
| RD100205 | 001 | ST | 0.03 Miles | (not shown) |
| RD100205 | 002 | ST | 0.1 Miles | (not shown) |
| RD100205 | 003 | ST | 0.54 Miles | (not shown) |
| RD100205 | 004 | BLM | 2.77 Miles | A |
| RD100205 | 005 | ST | 0.61 Miles | (not shown) |
| RD100205 | 006 | ST | 0.4 Miles | (not shown) |
| RD100205 | 007 | BLM | 3.97 Miles | B |
| RD100205 | 008 | ST | 1.19 Miles | (not shown) |
| RD100205 | 009 | BLM | 1.15 Miles | C |
| RD100205 | 010 | ST | 0.52 Miles | (not shown) |
| RD100205 | 011 | PVT | 1.25 Miles | (not shown) |
| RD100205 | 012 | BLM | 0.9 Miles | D |
| RD100205 | 013 | PVT | 0.31 Miles | (not shown) |
| RD100205 | 014 | BLM | 1.99 Miles | E |
| RD100205 | 015 | PVT | 0.59 Miles | (not shown) |
| RD100205 | 016 | BLM | 7.59 Miles | F |
| RD100205 | 017 | ST | 0.43 Miles | (not shown) |
| RD100205 | 018 | ST | 0.09 Miles | (not shown) |
| RD100205 | 019 | ST | 0.04 Miles | (not shown) |
| RD100205 | 020 | ST | 0.09 Miles | (not shown) |
| RD100205 | 021 | BLM | 1.97 Miles | G |
| RD100205 | 022 | ST | 2.64 Miles | (not shown) |
| RD100205 | 023 | BLM | 4.56 Miles | H |
| RD100205 | 024 | ST | 1.12 Miles | (not shown) |



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| | | | | |
|---|---|---|---|---|
| RD100205 | 025 | PVT | 0.07 Miles | (not shown) |
| RD100205 | 026 | ST | 0.62 Miles | (not shown) |
| RD100205 | 027 | PVT | 0.75 Miles | (not shown) |
| RD100205 | 028 | ST | 0.63 Miles | (not shown) |
| RD100205 | 029 | BLM | 1.94 Miles | I |
| RD100205 | 030 | ST | 0.25 Miles | (not shown) |
| RD100205 | 031 | ST | 0.39 Miles | (not shown) |
| RD100205 | 032 | BLM | 0.16 Miles | J |
| RD100205 | 033 | ST | 0.64 Miles | (not shown) |
| RD100205 | 034 | ST | 0.2 Miles | (not shown) |
| RD100205 | 035 | ST | 0.31 Miles | (not shown) |
| RD100205 | 036 | BLM | 1.43 Miles | K |
| RD100205 | 037 | BLM | 0.52 Miles | L |
| RD100205 | 038 | BLM | 0.6 Miles | M |
| RD100205 | 039 | ST | 0.39 Miles | (not shown) |
| RD100205 | 040 | BLM | 0.14 Miles | N |
| RD100205 | 041 | PVT | 0.53 Miles | (not shown) |
| RD100205 | 042 | BLM | 0.09 Miles | O |
| RD100205 | 043 | PVT | 0.68 Miles | (not shown) |
| RD100205 | 044 | BLM | 1.47 Miles | P |
| RD100205 | 045 | ST | 0.44 Miles | (not shown) |
| RD100205 | 046 | ST | 0.75 Miles | (not shown) |
| RD100205 | 047 | BLM | 3.14 Miles | Q |
| RD100205 | 048 | BLM | 1.75 Miles | R |
| RD100205 | 049 | BLM | 1.13 Miles | S |
| RD100205 | 050 | BLM | 0.78 Miles | T |
| RD100205 | 051 | BLM | 0.42 Miles | U |
| RD100205 | 052 | BLM | 0.78 Miles | V |
| RD100205 | 053 | BLM | 0.48 Miles | W |
| RD100205 | 054 | BLM | 1.03 Miles | X |
| RD100205 | 055 | PVT | 0.91 Miles | (not shown) |
| RD100205 | 056 | BLM | 1.16 Miles | Y |
| RD100205 | 057 | BLM | 3.68 Miles | Z |
| RD100205 | 058 | ST | 1.02 Miles | (not shown) |
| RD100205 | 059 | BLM | 0.04 Miles | AA |
| RD100205 | 060 | BLM | 1.17 Miles | AB |
| RD100205 | 061 | BLM | 0.06 Miles | AC |
| RD100205 | 062 | BLM | 0.04 Miles | AD |
| RD100205 | 063 | BLM | 0.18 Miles | AE |
| RD100205 | 064 | BLM | 0.15 Miles | AF |
| RD100205 | 065 | BLM | 0.1 Miles | AG |
| RD100205 | 066 | BLM | 0.85 Miles | AH |
| RD100205 | 067 | BLM | 0.02 Miles | AI |
| RD100205 | 068 | BLM | 0.06 Miles | AJ |
| RD100205 | 069 | ST | 0.36 Miles | (not shown) |


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| | | | | |
|---|---|---|---|---|
| **RD100205** | **070** | **BLM** | **0.02 Miles** | **AK** |
| **RD100205** | **071** | **BLM** | **0.19 Miles** | **AL** |
| **RD100205** | **072** | **BLM** | **0.22 Miles** | **AM** |
| | | **Total Road Length** | **67.6** | |

*** 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 486495 Bk 0732 Pg 0367

**Attachment 5**

Ent 486495 Bk 0732 Pg 0368

**AFFIDAVIT OF NEAL SWISHER**

**BOOK CLIFF ROAD**

**GRAND COUNTY, UTAH**

**ROAD NUMBER 00194**

State of Utah )
: ss.
County of Grand )

NEAL SWISHER, 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 Moab, Grand County, Utah. I have lived in Grand County since 1960. I worked in the oil fields of Grand County until I retired in the early 1990s.

2. I have traveled and am familiar with a road in Grand County known as Book Cliff 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 1978 when I last observed it. Attached is a Grand County map showing Book Cliff Road. To the best of my knowledge and based upon my use of and familiarity with this road and the land it traverses, the location and route of the road are correctly illustrated on the attached map.

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

4. I have observed that the road has been open to the public for all to use, to come and go as they pleased, since at least as early as the early 1960s and continuing through 1978. Throughout this time period I observed travel on the road by means of jeeps, pickup trucks and ATVs. During this time period, the road was used weekly for more than ten continuous years prior to 1976 and was used weekly in 1978.

5. Throughout the time period from the early 1960s to 1978, I used the road myself for oil field work, rock hounding and recreation.

6. Throughout the time period described in the previous paragraph, I have observed other vehicles from the general public using the road at various times for the uses described in the previous paragraph plus, livestock operations, hunting, prospecting for minerals, oil and gas exploration development and sightseeing.

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 1950s and continuing through 1976 to the present, for the uses described in the previous paragraphs.

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

DATED this 2 day of August, 2007.

Neal Swisher

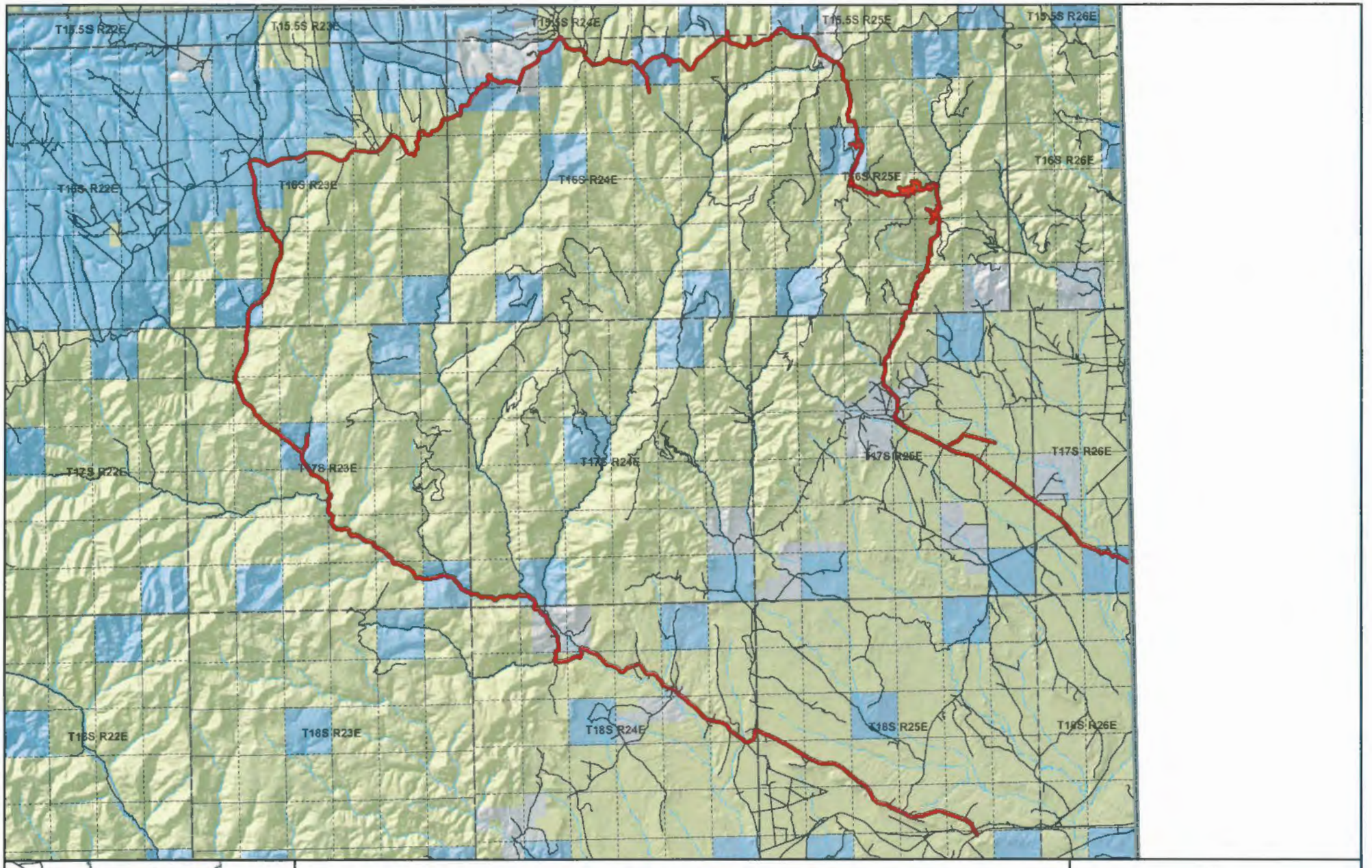
NEAL SWISHER

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

Notary Public
GLORIA SCHRADER
5110 State Office Bldg.
Salt Lake City, UT 84114-2477
My Commission Expires
October 10, 2008
State of Utah

Gloria Schrader

NOTARY PUBLIC




*Book Cliff Road*
*County Unique - 00194*

***Land Ownership Categories***
- BLM
- State Sovereign Land
- SITLA, State Trust Land
- USFS, National Forest
- National Park (NPS)
- Private
- Wildlife Reserve
- Military
- Wilderness
- State Park
- Tribal Lands

***Misc***
- City / Town
- Municipalities
- Section = 1 Mile

***Transportation Network***
- Book Cliff Road
- State / U.S. Highway
- Local Roads

1:173,738
1 inch equals 2.7 miles

AGRC

Map prepared by the State of Utah
Automated Geographic Reference Center
AGRC
Room 5130 State Office Building
Salt Lake City, Utah 84114
on 30 2007

Ent 486495 Bk 0732 Pg 0371

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

**BOOK CLIFF ROAD**

**COUNTY ROAD NUMBER 00194**

**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 Book Cliff 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 Grand County map showing Book Cliff 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 2006. Throughout this time period I have observed travel on the road by various means, including 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 2006.

Ent 486495 Bk 0732 Pg 0372

4. Throughout the time period from the early 1960s to 2006, I have used the road myself for hunting, law enforcement, livestock operations, 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 oil and gas exploration, residential access, wood gathering, rock hounding and uranium prospecting.

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 1940s and continuing through 1976 to the present, for the uses described in the previous paragraphs.

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

Dated this 02 day of August, 2007.

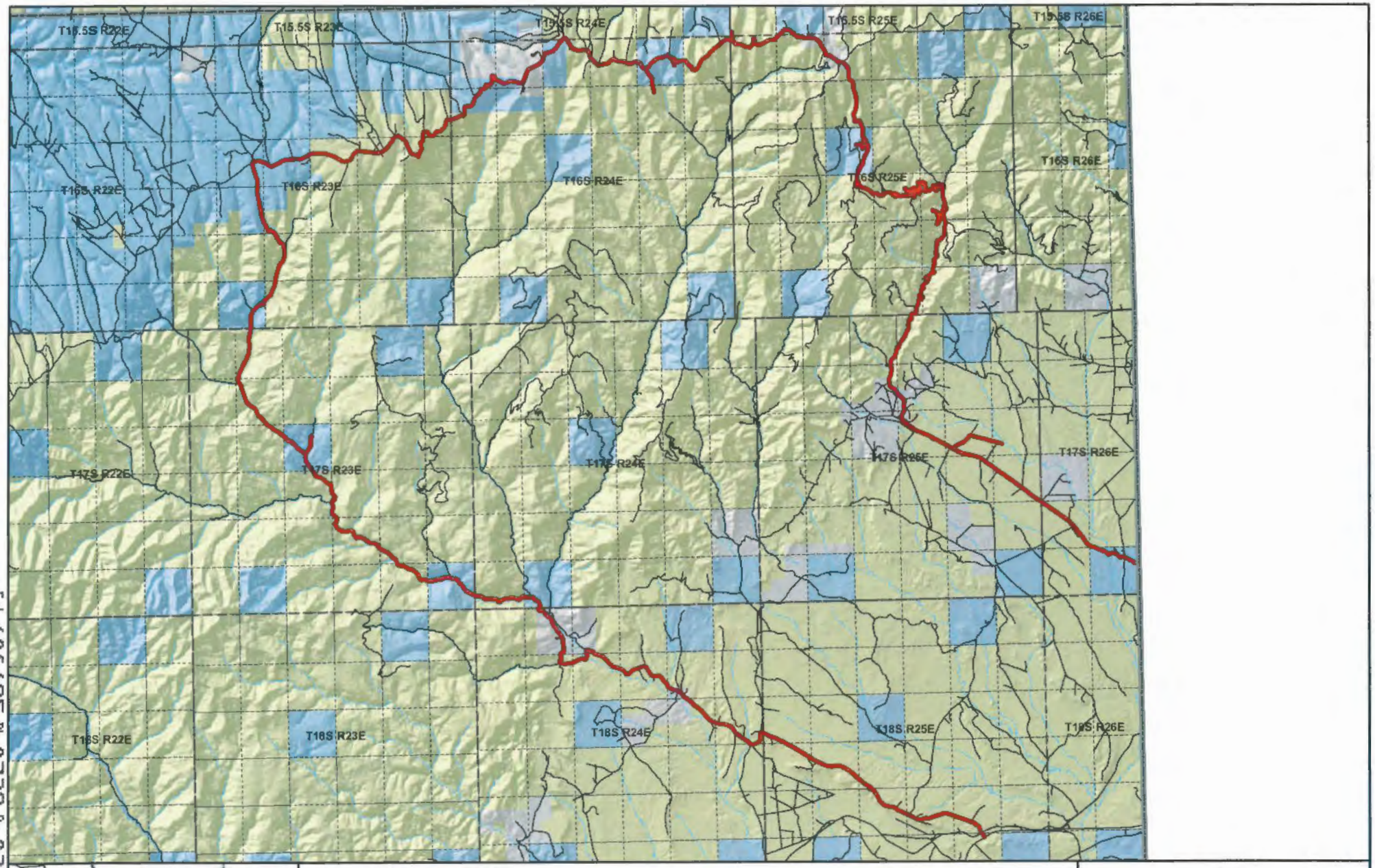
JAMES D. NYLAND. SR.

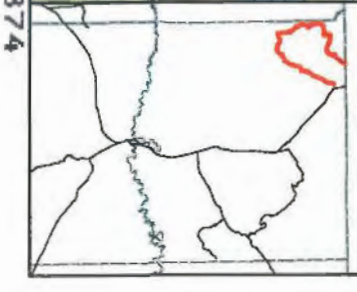
SUBSCRIBED AND SWORN to before me this 2nd day of August, 2007.

Notary Public
GLORIA SCHRADER
5110 State Office Bldg.
Salt Lake City, UT 84114-2477
My Commission Expires
October 10, 2008
State of Utah

NOTARY PUBLIC

Ent 486495 Bk 0732 Pg 0373



## *Book Cliff Road*
## *County Unique - 00194*

***Land Ownership Categories***

- BLM
- State Sovereign Land
- SITLA, State Trust Land
- USFS, National Forest
- National Park (NPS)
- Private
- Wildlife Reserve
- Military
- Wilderness
- State Park
- Tribal Lands

***Misc***

- City / Town
- Municipalities
- Section = 1 Mile

***Transportation Network***

- Book Cliff Road
- State / U.S. Highway
- Local Roads

1:173,738
1 inch equals 2.7 miles

Map prepared by the State of Utah
Automated Geographic Reference Center
AGRC
Room 5130 State Office Building
Salt Lake City, Utah 84114
Jul 30, 2007

Ent 486495 Bk 0732 Pg 0374

## Appendix A to Attachment 4

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 004**
**Road-Segment Length: 2.77 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 17 South Range 23 East, Section(s) 5,8,17, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF 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 21 minutes 54.81 seconds North Latitude and -109 degrees 24 minutes 01.64 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,233,947.2 feet and Y = 6,944,484.9 feet; thence the following courses along the said road center line:

thence South 04 Degrees 05 Minutes 37 Seconds West 45.5 feet
thence South 04 Degrees 07 Minutes 50 Seconds West 13.9 feet
thence South 09 Degrees 05 Minutes 56 Seconds West 131.4 feet
thence South 07 Degrees 20 Minutes 32 Seconds West 87.7 feet
thence South 03 Degrees 57 Minutes 32 Seconds West 98.7 feet
thence South 07 Degrees 59 Minutes 59 Seconds West 134.3 feet
thence South 10 Degrees 40 Minutes 43 Seconds West 165.5 feet
thence South 12 Degrees 06 Minutes 16 Seconds West 199.9 feet
thence South 13 Degrees 24 Minutes 21 Seconds West 228 feet
thence South 03 Degrees 49 Minutes 53 Seconds West 231.9 feet
thence South 07 Degrees 21 Minutes 15 Seconds East 226.5 feet

thence South 08 Degrees 41 Minutes 54 Seconds East 205.6 feet
thence South 06 Degrees 33 Minutes 34 Seconds East 194.7 feet
thence South 02 Degrees 10 Minutes 11 Seconds West 197.1 feet
thence South 05 Degrees 43 Minutes 06 Seconds West 204.6 feet
thence South 04 Degrees 49 Minutes 18 Seconds West 201 feet
thence South 02 Degrees 31 Minutes 55 Seconds West 213.5 feet
thence South 18 Degrees 12 Minutes 01 Seconds West 223.2 feet
thence South 22 Degrees 49 Minutes 09 Seconds West 212.3 feet
thence South 23 Degrees 24 Minutes 08 Seconds West 204.3 feet
thence South 23 Degrees 10 Minutes 20 Seconds West 209.3 feet
thence South 23 Degrees 23 Minutes 20 Seconds West 229.4 feet
thence South 26 Degrees 33 Minutes 13 Seconds West 231.8 feet
thence South 29 Degrees 27 Minutes 50 Seconds West 234.4 feet
thence South 29 Degrees 36 Minutes 41 Seconds West 236.7 feet
thence South 25 Degrees 32 Minutes 27 Seconds West 227.9 feet
thence South 20 Degrees 07 Minutes 32 Seconds West 220.6 feet
thence South 20 Degrees 45 Minutes 04 Seconds West 211 feet
thence South 21 Degrees 58 Minutes 03 Seconds West 189.7 feet
thence South 11 Degrees 42 Minutes 30 Seconds West 353.9 feet
thence South 14 Degrees 13 Minutes 59 Seconds West 172.9 feet
thence South 08 Degrees 47 Minutes 32 Seconds West 9.1 feet
thence South 08 Degrees 42 Minutes 41 Seconds West 160.3 feet
thence South 06 Degrees 10 Minutes 38 Seconds East 164.9 feet
thence South 21 Degrees 45 Minutes 21 Seconds East 139.2 feet
thence South 49 Degrees 03 Minutes 44 Seconds East 109.4 feet
thence South 50 Degrees 49 Minutes 37 Seconds East 87.7 feet
thence South 40 Degrees 11 Minutes 32 Seconds East 119.7 feet
thence South 30 Degrees 53 Minutes 46 Seconds East 97.2 feet
thence South 28 Degrees 30 Minutes 33 Seconds East 52.1 feet
thence South 02 Degrees 49 Minutes 03 Seconds West 26.3 feet
thence South 43 Degrees 32 Minutes 45 Seconds West 29.6 feet
thence South 19 Degrees 48 Minutes 42 Seconds East 1954.3 feet
thence South 43 Degrees 16 Minutes 40 Seconds East 170.3 feet
thence South 51 Degrees 53 Minutes 11 Seconds East 171.5 feet
thence South 54 Degrees 54 Minutes 02 Seconds East 172.6 feet
thence South 54 Degrees 50 Minutes 32 Seconds East 155.4 feet
thence South 55 Degrees 50 Minutes 56 Seconds East 115.9 feet
thence South 59 Degrees 12 Minutes 39 Seconds East 88.9 feet
thence South 59 Degrees 01 Minutes 55 Seconds East 79 feet
thence South 56 Degrees 43 Minutes 56 Seconds East 68.2 feet
thence South 56 Degrees 38 Minutes 26 Seconds East 106.5 feet
thence South 37 Degrees 52 Minutes 08 Seconds East 128.3 feet
thence South 31 Degrees 07 Minutes 56 Seconds East 149 feet
thence South 26 Degrees 41 Minutes 59 Seconds East 163 feet
thence South 20 Degrees 40 Minutes 48 Seconds East 157.5 feet
thence South 21 Degrees 01 Minutes 25 Seconds East 154.3 feet
thence South 26 Degrees 49 Minutes 49 Seconds East 154 feet
thence South 47 Degrees 58 Minutes 58 Seconds East 153.4 feet
thence South 54 Degrees 45 Minutes 50 Seconds East 149.5 feet

thence South 55 Degrees 21 Minutes 56 Seconds East 91.6 feet
thence South 49 Degrees 57 Minutes 18 Seconds East 12.7 feet
thence South 50 Degrees 40 Minutes 52 Seconds East 7.7 feet
thence South 49 Degrees 11 Minutes 35 Seconds East 62.3 feet
thence South 43 Degrees 33 Minutes 33 Seconds East 108.1 feet
thence South 41 Degrees 19 Minutes 17 Seconds East 130.4 feet
thence South 40 Degrees 19 Minutes 03 Seconds East 132.8 feet
thence South 40 Degrees 19 Minutes 13 Seconds East 141.3 feet
thence South 39 Degrees 29 Minutes 01 Seconds East 160.8 feet
thence South 37 Degrees 51 Minutes 00 Seconds East 173.7 feet
thence South 42 Degrees 50 Minutes 00 Seconds East 116.6 feet
thence South 42 Degrees 51 Minutes 45 Seconds East 43.6 feet
thence South 62 Degrees 32 Minutes 57 Seconds East 151.4 feet
thence South 60 Degrees 54 Minutes 16 Seconds East 167 feet
thence South 56 Degrees 03 Minutes 01 Seconds East 166 feet
thence South 49 Degrees 34 Minutes 02 Seconds East 160.8 feet
thence South 51 Degrees 45 Minutes 45 Seconds East 160.5 feet
thence South 55 Degrees 29 Minutes 15 Seconds East 163.7 feet
thence South 58 Degrees 32 Minutes 54 Seconds East 174.4 feet
thence South 61 Degrees 37 Minutes 20 Seconds East 174.2 feet
thence South 59 Degrees 53 Minutes 14 Seconds East 174.8 feet
thence South 57 Degrees 26 Minutes 11 Seconds East 139 feet
thence South 57 Degrees 16 Minutes 14 Seconds East 114.3 feet
thence South 52 Degrees 28 Minutes 35 Seconds East 136.3 feet
thence South 49 Degrees 23 Minutes 54 Seconds East 145.2 feet
thence South 44 Degrees 18 Minutes 57 Seconds East 123.1 feet
thence South 51 Degrees 46 Minutes 48 Seconds East 62 feet more or less to **the ending point at:** 39 degrees 19 minutes 54.03 seconds North Latitude and -109 degrees 23 minutes 16.88 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,237,749.3 feet and Y = 6,932,350.5 feet.

**Appendix B to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 007**
**Road-Segment Length: 3.97 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 17 South Range 23 East, Section(s) 21,22,26,27,35, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- 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 19 minutes 15.32 seconds North Latitude and -109 degrees 22 minutes 36.65 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,241,003.0 feet and Y = 6,928,510.5 feet; thence the following courses along the said road center line:

thence South 37 Degrees 58 Minutes 03 Seconds East 37.3 feet
thence South 37 Degrees 59 Minutes 53 Seconds East 108.5 feet
thence South 40 Degrees 18 Minutes 08 Seconds East 145.6 feet
thence South 18 Degrees 31 Minutes 49 Seconds East 153.7 feet
thence South 20 Degrees 08 Minutes 27 Seconds East 163.9 feet
thence South 50 Degrees 23 Minutes 04 Seconds East 153.3 feet
thence South 72 Degrees 42 Minutes 32 Seconds East 173.4 feet
thence South 72 Degrees 21 Minutes 01 Seconds East 180.7 feet
thence South 71 Degrees 18 Minutes 33 Seconds East 171.1 feet
thence South 68 Degrees 15 Minutes 00 Seconds East 157.1 feet
thence South 59 Degrees 51 Minutes 34 Seconds East 152.1 feet

thence South 56 Degrees 20 Minutes 26 Seconds East 152.6 feet
thence South 50 Degrees 37 Minutes 28 Seconds East 146.4 feet
thence South 42 Degrees 39 Minutes 55 Seconds East 153.1 feet
thence South 49 Degrees 17 Minutes 23 Seconds East 132.4 feet
thence South 49 Degrees 35 Minutes 57 Seconds East 77.9 feet
thence South 45 Degrees 59 Minutes 01 Seconds East 77.5 feet
thence South 45 Degrees 37 Minutes 59 Seconds East 79.3 feet
thence South 66 Degrees 18 Minutes 50 Seconds East 76.6 feet
thence South 86 Degrees 03 Minutes 54 Seconds East 88.2 feet
thence South 81 Degrees 43 Minutes 43 Seconds East 87.7 feet
thence South 40 Degrees 59 Minutes 02 Seconds East 99.5 feet
thence South 01 Degrees 01 Minutes 54 Seconds West 129.6 feet
thence South 02 Degrees 18 Minutes 23 Seconds East 142.8 feet
thence South 04 Degrees 57 Minutes 25 Seconds East 144.8 feet
thence South 03 Degrees 43 Minutes 28 Seconds West 144.7 feet
thence South 12 Degrees 11 Minutes 04 Seconds East 135.8 feet
thence South 16 Degrees 29 Minutes 08 Seconds East 115 feet
thence South 16 Degrees 32 Minutes 07 Seconds East 8 feet
thence South 19 Degrees 25 Minutes 30 Seconds East 67.7 feet
thence South 15 Degrees 42 Minutes 49 Seconds East 76.6 feet
thence South 34 Degrees 56 Minutes 14 Seconds East 99.7 feet
thence South 48 Degrees 16 Minutes 56 Seconds East 112.7 feet
thence South 43 Degrees 24 Minutes 27 Seconds East 116.8 feet
thence South 37 Degrees 39 Minutes 47 Seconds East 123.8 feet
thence South 19 Degrees 25 Minutes 44 Seconds East 105.9 feet
thence South 11 Degrees 46 Minutes 58 Seconds West 119.1 feet
thence South 21 Degrees 08 Minutes 03 Seconds West 109.3 feet
thence South 51 Degrees 41 Minutes 28 Seconds West 53.3 feet
thence South 51 Degrees 58 Minutes 17 Seconds West 53.7 feet
thence South 48 Degrees 20 Minutes 09 Seconds West 131.7 feet
thence South 27 Degrees 34 Minutes 01 Seconds West 133.7 feet
thence South 07 Degrees 11 Minutes 16 Seconds West 148.9 feet
thence South 09 Degrees 19 Minutes 08 Seconds East 144.5 feet
thence South 27 Degrees 01 Minutes 28 Seconds East 157.9 feet
thence South 19 Degrees 59 Minutes 07 Seconds East 61 feet
thence South 20 Degrees 29 Minutes 47 Seconds East 82.1 feet
thence South 01 Degrees 10 Minutes 25 Seconds West 141.1 feet
thence South 24 Degrees 46 Minutes 10 Seconds West 94.2 feet
thence South 35 Degrees 13 Minutes 59 Seconds West 129.1 feet
thence South 23 Degrees 09 Minutes 38 Seconds West 73.1 feet
thence South 23 Degrees 11 Minutes 24 Seconds West 61.1 feet
thence South 02 Degrees 13 Minutes 18 Seconds West 142.9 feet
thence South 10 Degrees 56 Minutes 53 Seconds East 143.5 feet
thence South 33 Degrees 12 Minutes 01 Seconds East 20.3 feet
thence South 33 Degrees 13 Minutes 27 Seconds East 126.2 feet
thence South 48 Degrees 39 Minutes 11 Seconds East 153 feet
thence South 51 Degrees 46 Minutes 23 Seconds East 144.8 feet
thence South 50 Degrees 00 Minutes 11 Seconds East 149.6 feet
thence South 36 Degrees 34 Minutes 07 Seconds East 65.9 feet

thence South 36 Degrees 32 Minutes 34 Seconds East 80.5 feet
thence South 18 Degrees 58 Minutes 24 Seconds East 143.7 feet
thence South 01 Degrees 58 Minutes 51 Seconds East 149.4 feet
thence South 27 Degrees 24 Minutes 18 Seconds West 133.5 feet
thence South 34 Degrees 49 Minutes 05 Seconds West 136.4 feet
thence South 16 Degrees 14 Minutes 30 Seconds West 157.5 feet
thence South 20 Degrees 39 Minutes 59 Seconds East 145.2 feet
thence South 34 Degrees 49 Minutes 35 Seconds East 27.9 feet
thence South 32 Degrees 07 Minutes 50 Seconds East 1.9 feet
thence South 29 Degrees 29 Minutes 13 Seconds East 52.6 feet
thence South 31 Degrees 44 Minutes 22 Seconds East 98 feet
thence South 34 Degrees 22 Minutes 06 Seconds East 112.8 feet
thence South 39 Degrees 30 Minutes 17 Seconds East 105.8 feet
thence South 52 Degrees 13 Minutes 35 Seconds East 119.6 feet
thence South 40 Degrees 52 Minutes 45 Seconds East 125.2 feet
thence South 63 Degrees 51 Minutes 47 Seconds East 165.6 feet
thence South 75 Degrees 54 Minutes 23 Seconds East 191 feet
thence South 78 Degrees 59 Minutes 52 Seconds East 183.7 feet
thence South 83 Degrees 13 Minutes 57 Seconds East 172.6 feet
thence North 79 Degrees 13 Minutes 42 Seconds East 172 feet
thence North 80 Degrees 19 Minutes 47 Seconds East 171.9 feet
thence North 85 Degrees 45 Minutes 05 Seconds East 168.1 feet
thence North 84 Degrees 33 Minutes 02 Seconds East 165.5 feet
thence South 68 Degrees 00 Minutes 11 Seconds East 99.3 feet
thence South 51 Degrees 58 Minutes 24 Seconds East 74 feet
thence South 37 Degrees 35 Minutes 53 Seconds East 94.8 feet
thence South 03 Degrees 57 Minutes 50 Seconds East 113.4 feet
thence South 09 Degrees 43 Minutes 35 Seconds East 128 feet
thence South 34 Degrees 17 Minutes 08 Seconds East 148.3 feet
thence South 41 Degrees 20 Minutes 07 Seconds East 143.5 feet
thence South 26 Degrees 53 Minutes 49 Seconds East 89.9 feet
thence South 18 Degrees 26 Minutes 08 Seconds East 44.9 feet
thence South 20 Degrees 53 Minutes 52 Seconds East 43.8 feet
thence South 45 Degrees 19 Minutes 54 Seconds East 78.9 feet
thence North 69 Degrees 29 Minutes 50 Seconds East 85.6 feet
thence North 44 Degrees 34 Minutes 03 Seconds East 92.6 feet
thence North 62 Degrees 02 Minutes 31 Seconds East 99.1 feet
thence North 85 Degrees 17 Minutes 41 Seconds East 107.6 feet
thence South 73 Degrees 05 Minutes 18 Seconds East 121.8 feet
thence South 74 Degrees 41 Minutes 07 Seconds East 139.9 feet
thence South 72 Degrees 55 Minutes 29 Seconds East 148.1 feet
thence South 58 Degrees 32 Minutes 01 Seconds East 158.8 feet
thence South 49 Degrees 05 Minutes 25 Seconds East 159.3 feet
thence South 45 Degrees 55 Minutes 51 Seconds East 166.5 feet
thence South 70 Degrees 35 Minutes 06 Seconds East 68 feet
thence South 71 Degrees 14 Minutes 18 Seconds East 90.3 feet
thence South 61 Degrees 08 Minutes 18 Seconds East 137.9 feet
thence South 53 Degrees 33 Minutes 49 Seconds East 159 feet
thence South 87 Degrees 21 Minutes 57 Seconds East 158.5 feet

thence South 88 Degrees 38 Minutes 04 Seconds East 166.2 feet
thence South 73 Degrees 58 Minutes 03 Seconds East 168.9 feet
thence South 75 Degrees 15 Minutes 25 Seconds East 170.3 feet
thence South 49 Degrees 14 Minutes 54 Seconds East 157.3 feet
thence South 35 Degrees 12 Minutes 46 Seconds East 180 feet
thence South 41 Degrees 36 Minutes 43 Seconds East 187.7 feet
thence South 42 Degrees 07 Minutes 38 Seconds East 189.2 feet
thence South 52 Degrees 07 Minutes 55 Seconds East 19.8 feet
thence South 52 Degrees 05 Minutes 33 Seconds East 171.1 feet
thence South 64 Degrees 32 Minutes 24 Seconds East 169.7 feet
thence South 59 Degrees 34 Minutes 30 Seconds East 166.8 feet
thence South 73 Degrees 53 Minutes 04 Seconds East 173.8 feet
thence South 70 Degrees 52 Minutes 15 Seconds East 177.3 feet
thence South 59 Degrees 13 Minutes 38 Seconds East 171.5 feet
thence South 50 Degrees 48 Minutes 34 Seconds East 170.1 feet
thence South 36 Degrees 26 Minutes 39 Seconds East 174.6 feet
thence South 43 Degrees 16 Minutes 00 Seconds East 172.5 feet
thence South 49 Degrees 38 Minutes 35 Seconds East 181.2 feet
thence South 53 Degrees 27 Minutes 44 Seconds East 172.3 feet
thence South 49 Degrees 40 Minutes 13 Seconds East 168.7 feet
thence South 47 Degrees 42 Minutes 19 Seconds East 164.7 feet
thence South 30 Degrees 12 Minutes 01 Seconds East 158.9 feet
thence South 07 Degrees 42 Minutes 05 Seconds East 148.9 feet
thence South 17 Degrees 43 Minutes 29 Seconds East 118.7 feet
thence South 17 Degrees 43 Minutes 41 Seconds East 24 feet
thence South 40 Degrees 12 Minutes 53 Seconds East 156.1 feet
thence South 72 Degrees 32 Minutes 13 Seconds East 144.9 feet
thence South 76 Degrees 03 Minutes 35 Seconds East 59.9 feet
thence South 77 Degrees 12 Minutes 03 Seconds East 21.7 feet
thence South 79 Degrees 22 Minutes 41 Seconds East 25.9 feet
thence South 82 Degrees 14 Minutes 02 Seconds East 58.2 feet
thence South 82 Degrees 46 Minutes 02 Seconds East 49.8 feet
thence South 81 Degrees 37 Minutes 03 Seconds East 54.1 feet
thence South 79 Degrees 37 Minutes 47 Seconds East 79.5 feet
thence South 76 Degrees 31 Minutes 57 Seconds East 96.3 feet
thence South 74 Degrees 59 Minutes 12 Seconds East 124 feet
thence South 64 Degrees 43 Minutes 03 Seconds East 144.2 feet
thence South 60 Degrees 44 Minutes 01 Seconds East 159.4 feet
thence South 56 Degrees 06 Minutes 33 Seconds East 160.4 feet
thence South 61 Degrees 30 Minutes 01 Seconds East 159.9 feet
thence South 81 Degrees 14 Minutes 31 Seconds East 166.1 feet
thence South 80 Degrees 33 Minutes 32 Seconds East 174 feet
thence South 66 Degrees 15 Minutes 43 Seconds East 177 feet
thence South 50 Degrees 34 Minutes 01 Seconds East 179.5 feet
thence South 45 Degrees 11 Minutes 26 Seconds East 169 feet
thence South 45 Degrees 45 Minutes 25 Seconds East 175.3 feet
thence South 42 Degrees 36 Minutes 39 Seconds East 177.4 feet
thence South 21 Degrees 24 Minutes 25 Seconds East 170.5 feet
thence South 23 Degrees 24 Minutes 26 Seconds East 183.7 feet

thence South 31 Degrees 47 Minutes 24 Seconds East 182.7 feet
thence South 55 Degrees 59 Minutes 25 Seconds East 159.9 feet
thence South 87 Degrees 20 Minutes 36 Seconds East 157.3 feet
thence North 77 Degrees 10 Minutes 15 Seconds East 151.6 feet
thence North 75 Degrees 52 Minutes 36 Seconds East 117 feet
thence South 77 Degrees 48 Minutes 12 Seconds East 60.5 feet
thence South 54 Degrees 18 Minutes 18 Seconds East 66.9 feet
thence South 53 Degrees 50 Minutes 08 Seconds East 104.8 feet
thence South 58 Degrees 59 Minutes 55 Seconds East 114.2 feet more or less to **the ending point at:** 39 degrees 17 minutes 11.49 seconds North Latitude and -109 degrees 19 minutes 55.49 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,253,967.0 feet and Y = 6,916,290.0 feet.

## Appendix C to Attachment 4

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 009**
**Road-Segment Length: 1.15 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 17 South Range 24 East, Section(s) 31, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF 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 16 minutes 54.35 seconds North Latitude and -109 degrees 18 minutes 48.32 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,259,289.0 feet and Y = 6,914,685.1 feet; thence the following courses along the said road center line:

thence South 38 Degrees 25 Minutes 43 Seconds East 43.2 feet
thence South 81 Degrees 49 Minutes 21 Seconds East 144.1 feet
thence North 84 Degrees 01 Minutes 16 Seconds East 200.1 feet
thence North 84 Degrees 13 Minutes 37 Seconds East 190.3 feet
thence South 63 Degrees 05 Minutes 59 Seconds East 164.9 feet
thence South 46 Degrees 48 Minutes 09 Seconds East 169.1 feet
thence South 46 Degrees 13 Minutes 48 Seconds East 167.4 feet
thence South 74 Degrees 23 Minutes 14 Seconds East 197.1 feet
thence South 84 Degrees 02 Minutes 18 Seconds East 194.5 feet
thence North 72 Degrees 59 Minutes 17 Seconds East 188.6 feet
thence South 88 Degrees 58 Minutes 50 Seconds East 208.6 feet

thence South 83 Degrees 03 Minutes 27 Seconds East 233.2 feet
thence South 83 Degrees 51 Minutes 11 Seconds East 232.6 feet
thence South 84 Degrees 35 Minutes 54 Seconds East 197 feet
thence South 56 Degrees 59 Minutes 56 Seconds East 146.3 feet
thence South 17 Degrees 14 Minutes 54 Seconds East 166.3 feet
thence South 66 Degrees 43 Minutes 20 Seconds East 147.5 feet
thence North 55 Degrees 28 Minutes 03 Seconds East 178 feet
thence North 44 Degrees 32 Minutes 02 Seconds East 189.8 feet
thence North 48 Degrees 35 Minutes 43 Seconds East 167.3 feet
thence North 75 Degrees 02 Minutes 23 Seconds East 168.9 feet
thence North 85 Degrees 52 Minutes 31 Seconds East 173.7 feet
thence South 87 Degrees 57 Minutes 34 Seconds East 198.1 feet
thence North 73 Degrees 24 Minutes 57 Seconds East 211 feet
thence North 75 Degrees 54 Minutes 00 Seconds East 199.9 feet
thence South 84 Degrees 35 Minutes 01 Seconds East 180.2 feet
thence South 71 Degrees 47 Minutes 45 Seconds East 221.9 feet
thence South 72 Degrees 12 Minutes 51 Seconds East 247.9 feet
thence South 80 Degrees 57 Minutes 58 Seconds East 241.9 feet
thence North 63 Degrees 46 Minutes 24 Seconds East 210.4 feet
thence North 51 Degrees 42 Minutes 24 Seconds East 210.7 feet
thence North 53 Degrees 36 Minutes 02 Seconds East 183.9 feet
thence North 88 Degrees 49 Minutes 30 Seconds East 75.9 feet more or less to **the ending point at:** 39 degrees 16 minutes 52.32 seconds North Latitude and -109 degrees 17 minutes 38.84 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,264,755.7 feet and Y = 6,914,613.4 feet.

**Appendix D to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 012**
**Road-Segment Length: 0.9 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 24 East, Section(s) 8,9, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 012 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 15 minutes 47.23 seconds North Latitude and -109 degrees 16 minutes 48.88 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,268,845.8 feet and Y = 6,908,127.2 feet; thence the following courses along the said road center line:

thence South 01 Degrees 32 Minutes 49 Seconds West 37 feet
thence South 01 Degrees 08 Minutes 22 Seconds West 103.4 feet
thence South 14 Degrees 06 Minutes 47 Seconds East 135.1 feet
thence South 22 Degrees 03 Minutes 00 Seconds East 123.6 feet
thence South 01 Degrees 51 Minutes 00 Seconds East 116.5 feet
thence South 35 Degrees 44 Minutes 40 Seconds West 117.7 feet
thence South 38 Degrees 37 Minutes 05 Seconds West 130.8 feet
thence South 29 Degrees 34 Minutes 48 Seconds West 138.2 feet
thence South 24 Degrees 21 Minutes 37 Seconds East 123.9 feet
thence South 63 Degrees 06 Minutes 21 Seconds East 143.4 feet
thence South 64 Degrees 29 Minutes 39 Seconds East 15.1 feet

thence South 79 Degrees 17 Minutes 31 Seconds East 179.9 feet
thence South 80 Degrees 29 Minutes 58 Seconds East 192.1 feet
thence North 86 Degrees 26 Minutes 54 Seconds East 204.6 feet
thence North 78 Degrees 11 Minutes 18 Seconds East 206.1 feet
thence North 79 Degrees 45 Minutes 19 Seconds East 181.1 feet
thence North 80 Degrees 19 Minutes 13 Seconds East 101 feet
thence North 89 Degrees 39 Minutes 59 Seconds East 3.1 feet
thence North 79 Degrees 39 Minutes 30 Seconds East 28.3 feet
thence North 83 Degrees 03 Minutes 05 Seconds East 99.7 feet
thence North 78 Degrees 14 Minutes 38 Seconds East 140.8 feet
thence North 69 Degrees 03 Minutes 24 Seconds East 4.1 feet
thence North 69 Degrees 02 Minutes 46 Seconds East 154.3 feet
thence North 62 Degrees 17 Minutes 37 Seconds East 174.8 feet
thence North 55 Degrees 43 Minutes 28 Seconds East 182.2 feet
thence North 54 Degrees 19 Minutes 40 Seconds East 170.2 feet
thence North 76 Degrees 50 Minutes 21 Seconds East 162.6 feet
thence North 71 Degrees 26 Minutes 24 Seconds East 162.6 feet
thence North 69 Degrees 52 Minutes 56 Seconds East 159.9 feet
thence South 70 Degrees 45 Minutes 37 Seconds East 156.7 feet
thence South 65 Degrees 52 Minutes 13 Seconds East 162.4 feet
thence North 75 Degrees 55 Minutes 17 Seconds East 117.4 feet
thence North 37 Degrees 12 Minutes 04 Seconds East 84.8 feet
thence North 03 Degrees 54 Minutes 12 Seconds East 116.8 feet
thence North 05 Degrees 28 Minutes 04 Seconds East 123.7 feet
thence North 19 Degrees 28 Minutes 39 Seconds East 146.5 feet
thence North 05 Degrees 01 Minutes 47 Seconds West 153.1 feet
thence North 22 Degrees 21 Minutes 14 Seconds West 8 feet more or less to **the ending point at:** 39 degrees 15 minutes 47.29 seconds North Latitude and -109 degrees 16 minutes 011.5 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,271,785.1 feet and Y = 6,908,206.5 feet.

**Appendix E to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 014**
**Road-Segment Length: 1.99 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 24 East, Section(s) 9,10,11, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 014 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 15 minutes 47.31 seconds North Latitude and -109 degrees 16 minutes 00.48 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,272,651.5 feet and Y = 6,908,229.9 feet; thence the following courses along the said road center line:

thence South 70 Degrees 37 Minutes 21 Seconds East 90.9 feet
thence South 73 Degrees 56 Minutes 17 Seconds East 186 feet
thence South 74 Degrees 24 Minutes 11 Seconds East 203.2 feet
thence South 72 Degrees 45 Minutes 17 Seconds East 217.3 feet
thence South 61 Degrees 29 Minutes 07 Seconds East 221 feet
thence South 52 Degrees 18 Minutes 17 Seconds East 231.7 feet
thence South 49 Degrees 21 Minutes 29 Seconds East 237.7 feet
thence South 42 Degrees 33 Minutes 33 Seconds East 245.9 feet
thence South 41 Degrees 57 Minutes 52 Seconds East 239.2 feet
thence South 42 Degrees 07 Minutes 59 Seconds East 231.1 feet
thence South 42 Degrees 59 Minutes 46 Seconds East 227.6 feet

thence South 53 Degrees 43 Minutes 43 Seconds East 228.4 feet
thence South 70 Degrees 24 Minutes 04 Seconds East 240.6 feet
thence South 75 Degrees 53 Minutes 51 Seconds East 256.6 feet
thence South 70 Degrees 15 Minutes 19 Seconds East 253.3 feet
thence South 74 Degrees 08 Minutes 51 Seconds East 110.5 feet
thence South 74 Degrees 08 Minutes 57 Seconds East 130.8 feet
thence South 59 Degrees 59 Minutes 13 Seconds East 224.1 feet
thence South 58 Degrees 27 Minutes 54 Seconds East 211.3 feet
thence South 28 Degrees 25 Minutes 42 Seconds East 199 feet
thence South 33 Degrees 20 Minutes 12 Seconds East 189.7 feet
thence North 88 Degrees 36 Minutes 28 Seconds East 177.6 feet
thence North 58 Degrees 16 Minutes 09 Seconds East 204.7 feet
thence North 48 Degrees 23 Minutes 51 Seconds East 213.9 feet
thence North 47 Degrees 08 Minutes 16 Seconds East 218.4 feet
thence North 58 Degrees 50 Minutes 39 Seconds East 227.3 feet
thence North 70 Degrees 14 Minutes 52 Seconds East 241.8 feet
thence North 70 Degrees 35 Minutes 54 Seconds East 246.1 feet
thence North 70 Degrees 51 Minutes 05 Seconds East 20.3 feet
thence North 71 Degrees 18 Minutes 49 Seconds East 224 feet
thence North 70 Degrees 36 Minutes 48 Seconds East 246.2 feet
thence North 73 Degrees 22 Minutes 36 Seconds East 280.7 feet
thence South 73 Degrees 13 Minutes 51 Seconds East 78.1 feet
thence South 71 Degrees 43 Minutes 47 Seconds East 66.9 feet
thence South 33 Degrees 46 Minutes 49 Seconds East 214.3 feet
thence South 27 Degrees 17 Minutes 21 Seconds East 241.1 feet
thence South 29 Degrees 04 Minutes 16 Seconds East 247 feet
thence South 30 Degrees 31 Minutes 46 Seconds East 237.3 feet
thence South 38 Degrees 46 Minutes 42 Seconds East 238.8 feet
thence South 61 Degrees 37 Minutes 12 Seconds East 198.1 feet
thence South 89 Degrees 22 Minutes 18 Seconds East 195.4 feet
thence North 89 Degrees 39 Minutes 58 Seconds East 11.3 feet
thence North 86 Degrees 19 Minutes 37 Seconds East 225.3 feet
thence North 80 Degrees 29 Minutes 12 Seconds East 226.2 feet
thence South 71 Degrees 47 Minutes 40 Seconds East 216.7 feet
thence South 36 Degrees 41 Minutes 49 Seconds East 240.4 feet
thence South 33 Degrees 02 Minutes 23 Seconds East 255.4 feet
thence South 45 Degrees 07 Minutes 52 Seconds East 242.7 feet
thence South 48 Degrees 30 Minutes 56 Seconds East 216.5 feet
thence South 45 Degrees 55 Minutes 45 Seconds East 140.7 feet
thence South 38 Degrees 01 Minutes 41 Seconds East 45.6 feet
thence South 26 Degrees 53 Minutes 56 Seconds East 1.8 feet
thence South 27 Degrees 44 Minutes 29 Seconds East 49.9 feet
thence South 20 Degrees 59 Minutes 50 Seconds East 6.1 feet
thence South 21 Degrees 05 Minutes 29 Seconds East 53.5 feet
thence South 09 Degrees 47 Minutes 46 Seconds East 79.8 feet
thence South 00 Degrees 41 Minutes 32 Seconds East 78.6 feet more or less to **the ending point at:** 39 degrees 15 minutes 9.4 seconds North Latitude and -109 degrees 14 minutes 17.12 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,280,874.7 feet and Y = 6,904,600.3 feet.

**Appendix F to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 016**
**Road-Segment Length: 7.59 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 24 East, Section(s) 13,14,24, Salt Lake Base & Meridian
Township 18 South Range 25 East, Section(s) 18,19,20,21,26,27,28,35, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 016 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 14 minutes 52.47 seconds North Latitude and -109 degrees 13 minutes 45.04 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,283,441.1 feet and Y = 6,902,951.7 feet; thence the following courses along the said road center line:

thence South 59 Degrees 06 Minutes 01 Seconds East 19.1 feet
thence South 50 Degrees 46 Minutes 01 Seconds East 121 feet
thence South 36 Degrees 10 Minutes 00 Seconds East 135.6 feet
thence South 34 Degrees 48 Minutes 23 Seconds East 145.3 feet
thence South 46 Degrees 10 Minutes 50 Seconds East 117.8 feet
thence South 53 Degrees 58 Minutes 55 Seconds East 44.3 feet
thence South 52 Degrees 59 Minutes 09 Seconds East 67.6 feet
thence South 52 Degrees 20 Minutes 45 Seconds East 109.3 feet
thence South 53 Degrees 51 Minutes 57 Seconds East 110.4 feet
thence South 54 Degrees 10 Minutes 27 Seconds East 100.1 feet

thence South 55 Degrees 14 Minutes 28 Seconds East 88.5 feet
thence South 55 Degrees 04 Minutes 47 Seconds East 54 feet
thence South 56 Degrees 07 Minutes 18 Seconds East 37.9 feet
thence South 53 Degrees 43 Minutes 26 Seconds East 82.5 feet
thence South 55 Degrees 10 Minutes 12 Seconds East 111.1 feet
thence South 53 Degrees 44 Minutes 35 Seconds East 134.9 feet
thence South 48 Degrees 18 Minutes 08 Seconds East 156.8 feet
thence South 41 Degrees 01 Minutes 14 Seconds East 157.9 feet
thence South 39 Degrees 20 Minutes 12 Seconds East 154.1 feet
thence South 39 Degrees 19 Minutes 26 Seconds East 124.5 feet
thence South 38 Degrees 44 Minutes 55 Seconds East 41.9 feet
thence South 38 Degrees 27 Minutes 58 Seconds East 8.3 feet
thence South 40 Degrees 20 Minutes 25 Seconds East 60 feet
thence South 38 Degrees 43 Minutes 31 Seconds East 98.4 feet
thence South 38 Degrees 24 Minutes 16 Seconds East 102.1 feet
thence South 40 Degrees 29 Minutes 24 Seconds East 103 feet
thence South 40 Degrees 50 Minutes 27 Seconds East 90.6 feet
thence South 41 Degrees 07 Minutes 25 Seconds East 45.5 feet
thence South 40 Degrees 59 Minutes 18 Seconds East 34.6 feet
thence South 42 Degrees 14 Minutes 24 Seconds East 86 feet
thence South 41 Degrees 31 Minutes 23 Seconds East 115.5 feet
thence South 45 Degrees 43 Minutes 34 Seconds East 105.1 feet
thence South 51 Degrees 15 Minutes 47 Seconds East 88.5 feet
thence South 56 Degrees 17 Minutes 17 Seconds East 17.6 feet
thence South 54 Degrees 17 Minutes 13 Seconds East 27.9 feet
thence South 56 Degrees 24 Minutes 58 Seconds East 82.3 feet
thence South 58 Degrees 38 Minutes 52 Seconds East 6.2 feet
thence South 55 Degrees 36 Minutes 56 Seconds East 126.7 feet
thence South 55 Degrees 58 Minutes 48 Seconds East 136.6 feet
thence South 64 Degrees 17 Minutes 32 Seconds East 149.5 feet
thence South 76 Degrees 03 Minutes 51 Seconds East 159.9 feet
thence South 76 Degrees 07 Minutes 32 Seconds East 13.2 feet
thence South 78 Degrees 07 Minutes 46 Seconds East 46.6 feet
thence South 79 Degrees 24 Minutes 50 Seconds East 112.6 feet
thence South 79 Degrees 56 Minutes 38 Seconds East 145.5 feet
thence South 81 Degrees 18 Minutes 53 Seconds East 52.3 feet
thence South 79 Degrees 45 Minutes 58 Seconds East 8.9 feet
thence South 79 Degrees 21 Minutes 09 Seconds East 77.5 feet
thence South 79 Degrees 34 Minutes 01 Seconds East 122.9 feet
thence South 82 Degrees 53 Minutes 35 Seconds East 152 feet
thence South 85 Degrees 19 Minutes 28 Seconds East 150.3 feet
thence South 83 Degrees 04 Minutes 31 Seconds East 142.8 feet
thence South 76 Degrees 17 Minutes 53 Seconds East 20.3 feet
thence South 75 Degrees 33 Minutes 12 Seconds East 141.5 feet
thence South 69 Degrees 47 Minutes 13 Seconds East 177.6 feet
thence South 73 Degrees 06 Minutes 54 Seconds East 149.6 feet
thence South 66 Degrees 25 Minutes 59 Seconds East 162 feet
thence South 62 Degrees 56 Minutes 28 Seconds East 146.2 feet
thence South 56 Degrees 20 Minutes 53 Seconds East 88 feet

thence South 49 Degrees 04 Minutes 38 Seconds East 19.9 feet
thence South 45 Degrees 50 Minutes 29 Seconds East 65.5 feet
thence South 40 Degrees 29 Minutes 11 Seconds East 94.4 feet
thence South 31 Degrees 04 Minutes 48 Seconds East 118.3 feet
thence South 31 Degrees 09 Minutes 27 Seconds East 126.1 feet
thence South 34 Degrees 12 Minutes 18 Seconds East 144.2 feet
thence South 37 Degrees 59 Minutes 09 Seconds East 107.7 feet
thence South 37 Degrees 13 Minutes 12 Seconds East 47.2 feet
thence South 46 Degrees 15 Minutes 24 Seconds East 25.9 feet
thence South 45 Degrees 05 Minutes 55 Seconds East 140.9 feet
thence South 50 Degrees 46 Minutes 10 Seconds East 170 feet
thence South 51 Degrees 07 Minutes 09 Seconds East 171.3 feet
thence South 50 Degrees 04 Minutes 09 Seconds East 165 feet
thence South 51 Degrees 56 Minutes 21 Seconds East 166.4 feet
thence South 51 Degrees 30 Minutes 36 Seconds East 39.3 feet
thence South 51 Degrees 59 Minutes 15 Seconds East 116.3 feet
thence South 49 Degrees 26 Minutes 54 Seconds East 10 feet
thence South 54 Degrees 18 Minutes 32 Seconds East 147.8 feet
thence South 58 Degrees 36 Minutes 39 Seconds East 159.1 feet
thence South 59 Degrees 27 Minutes 46 Seconds East 150.3 feet
thence South 56 Degrees 41 Minutes 03 Seconds East 156.9 feet
thence South 53 Degrees 03 Minutes 17 Seconds East 170.6 feet
thence South 51 Degrees 24 Minutes 22 Seconds East 80.9 feet
thence South 42 Degrees 23 Minutes 31 Seconds East 59.7 feet
thence South 33 Degrees 07 Minutes 31 Seconds East 101.5 feet
thence South 42 Degrees 56 Minutes 20 Seconds East 74.9 feet
thence South 42 Degrees 57 Minutes 54 Seconds East 43.2 feet
thence South 54 Degrees 11 Minutes 23 Seconds East 61.2 feet
thence South 86 Degrees 56 Minutes 39 Seconds East 55.5 feet
thence North 68 Degrees 46 Minutes 28 Seconds East 4.6 feet
thence North 80 Degrees 11 Minutes 23 Seconds East 139.5 feet
thence North 71 Degrees 55 Minutes 14 Seconds East 172.2 feet
thence North 72 Degrees 01 Minutes 41 Seconds East 12.7 feet
thence North 72 Degrees 02 Minutes 01 Seconds East 176.9 feet
thence North 71 Degrees 31 Minutes 01 Seconds East 194.9 feet
thence North 50 Degrees 17 Minutes 34 Seconds East 186.2 feet
thence North 26 Degrees 03 Minutes 57 Seconds East 194.1 feet
thence North 14 Degrees 25 Minutes 32 Seconds East 205.3 feet
thence North 00 Degrees 23 Minutes 13 Seconds West 214.9 feet
thence North 01 Degrees 27 Minutes 27 Seconds East 203.5 feet
thence North 07 Degrees 03 Minutes 05 Seconds East 178.7 feet
thence North 13 Degrees 16 Minutes 18 Seconds East 82.7 feet
thence North 06 Degrees 27 Minutes 11 Seconds East 67.7 feet
thence South 66 Degrees 43 Minutes 58 Seconds East 65.6 feet
thence South 67 Degrees 45 Minutes 38 Seconds East 141 feet
thence South 65 Degrees 55 Minutes 08 Seconds East 104.1 feet
thence South 65 Degrees 55 Minutes 11 Seconds East 138 feet
thence South 66 Degrees 05 Minutes 37 Seconds East 275.7 feet
thence South 66 Degrees 48 Minutes 17 Seconds East 287.6 feet

thence South 67 Degrees 01 Minutes 09 Seconds East 294.3 feet
thence South 66 Degrees 48 Minutes 40 Seconds East 304.2 feet
thence South 66 Degrees 27 Minutes 12 Seconds East 299.9 feet
thence South 66 Degrees 03 Minutes 32 Seconds East 291.3 feet
thence South 64 Degrees 40 Minutes 10 Seconds East 280.3 feet
thence South 62 Degrees 51 Minutes 55 Seconds East 284.5 feet
thence South 62 Degrees 10 Minutes 04 Seconds East 276.6 feet
thence South 62 Degrees 07 Minutes 51 Seconds East 11.8 feet
thence South 61 Degrees 59 Minutes 52 Seconds East 293.8 feet
thence South 61 Degrees 42 Minutes 21 Seconds East 297.9 feet
thence South 61 Degrees 15 Minutes 49 Seconds East 276.9 feet
thence South 60 Degrees 54 Minutes 18 Seconds East 260.4 feet
thence South 60 Degrees 11 Minutes 53 Seconds East 254.9 feet
thence South 58 Degrees 43 Minutes 38 Seconds East 250.4 feet
thence South 58 Degrees 09 Minutes 22 Seconds East 258.8 feet
thence South 56 Degrees 56 Minutes 34 Seconds East 262.3 feet
thence South 56 Degrees 48 Minutes 06 Seconds East 252.4 feet
thence South 57 Degrees 10 Minutes 29 Seconds East 245.9 feet
thence South 58 Degrees 17 Minutes 31 Seconds East 213.4 feet
thence South 56 Degrees 38 Minutes 41 Seconds East 11.8 feet
thence South 60 Degrees 14 Minutes 12 Seconds East 212.6 feet
thence South 60 Degrees 01 Minutes 54 Seconds East 194.7 feet
thence South 59 Degrees 59 Minutes 51 Seconds East 13.4 feet
thence South 59 Degrees 27 Minutes 29 Seconds East 185.4 feet
thence South 60 Degrees 43 Minutes 30 Seconds East 172.7 feet
thence South 60 Degrees 01 Minutes 25 Seconds East 185.3 feet
thence South 59 Degrees 56 Minutes 17 Seconds East 152.4 feet
thence South 63 Degrees 54 Minutes 24 Seconds East 73.7 feet
thence South 65 Degrees 54 Minutes 35 Seconds East 206.3 feet
thence South 66 Degrees 55 Minutes 37 Seconds East 190 feet
thence South 66 Degrees 47 Minutes 20 Seconds East 205.3 feet
thence South 68 Degrees 23 Minutes 16 Seconds East 206.3 feet
thence South 68 Degrees 50 Minutes 06 Seconds East 201.4 feet
thence South 71 Degrees 42 Minutes 40 Seconds East 195.2 feet
thence South 80 Degrees 42 Minutes 14 Seconds East 196.1 feet
thence North 89 Degrees 39 Minutes 54 Seconds East 201.8 feet
thence North 86 Degrees 37 Minutes 36 Seconds East 216.7 feet
thence North 86 Degrees 30 Minutes 06 Seconds East 237.8 feet
thence North 86 Degrees 41 Minutes 18 Seconds East 252.7 feet
thence South 87 Degrees 47 Minutes 24 Seconds East 221.7 feet
thence South 75 Degrees 09 Minutes 18 Seconds East 219.3 feet
thence South 72 Degrees 38 Minutes 26 Seconds East 215.9 feet
thence South 64 Degrees 29 Minutes 32 Seconds East 225.8 feet
thence South 57 Degrees 46 Minutes 13 Seconds East 231.6 feet
thence South 56 Degrees 43 Minutes 18 Seconds East 257.8 feet
thence South 55 Degrees 48 Minutes 25 Seconds East 257.6 feet
thence South 54 Degrees 53 Minutes 20 Seconds East 226.3 feet
thence South 49 Degrees 58 Minutes 40 Seconds East 220.4 feet
thence South 44 Degrees 56 Minutes 39 Seconds East 214.3 feet

thence South 45 Degrees 15 Minutes 51 Seconds East 224.8 feet
thence South 49 Degrees 33 Minutes 37 Seconds East 218.5 feet
thence South 50 Degrees 09 Minutes 44 Seconds East 170.4 feet
thence South 50 Degrees 26 Minutes 40 Seconds East 19.8 feet
thence South 50 Degrees 24 Minutes 01 Seconds East 136.1 feet
thence South 50 Degrees 09 Minutes 21 Seconds East 193.2 feet
thence South 49 Degrees 17 Minutes 09 Seconds East 214.8 feet
thence South 55 Degrees 04 Minutes 37 Seconds East 187.6 feet
thence South 60 Degrees 20 Minutes 23 Seconds East 137.8 feet
thence South 59 Degrees 05 Minutes 09 Seconds East 15.8 feet
thence South 61 Degrees 06 Minutes 17 Seconds East 171.3 feet
thence South 61 Degrees 07 Minutes 10 Seconds East 198.3 feet
thence South 60 Degrees 05 Minutes 46 Seconds East 202 feet
thence South 54 Degrees 22 Minutes 44 Seconds East 198.4 feet
thence South 44 Degrees 47 Minutes 55 Seconds East 163.5 feet
thence South 44 Degrees 44 Minutes 55 Seconds East 20.4 feet
thence South 39 Degrees 42 Minutes 33 Seconds East 195.2 feet
thence South 38 Degrees 27 Minutes 08 Seconds East 173.1 feet
thence South 38 Degrees 20 Minutes 30 Seconds East 141.6 feet
thence South 38 Degrees 46 Minutes 00 Seconds East 90.1 feet
thence South 37 Degrees 38 Minutes 33 Seconds East 41.2 feet
thence South 36 Degrees 01 Minutes 30 Seconds East 214.1 feet
thence South 27 Degrees 41 Minutes 56 Seconds East 195.8 feet
thence South 23 Degrees 54 Minutes 36 Seconds East 196.9 feet
thence South 25 Degrees 52 Minutes 06 Seconds East 172.7 feet
thence South 30 Degrees 37 Minutes 54 Seconds East 169.1 feet
thence South 37 Degrees 12 Minutes 19 Seconds East 135.3 feet
thence South 42 Degrees 37 Minutes 33 Seconds East 119.8 feet
thence South 50 Degrees 37 Minutes 00 Seconds East 138.6 feet
thence South 51 Degrees 12 Minutes 18 Seconds East 187.2 feet
thence South 57 Degrees 38 Minutes 14 Seconds East 191.3 feet
thence South 65 Degrees 50 Minutes 49 Seconds East 209.8 feet
thence South 71 Degrees 41 Minutes 55 Seconds East 200.2 feet
thence South 82 Degrees 55 Minutes 09 Seconds East 190.6 feet
thence South 87 Degrees 12 Minutes 48 Seconds East 180.7 feet
thence South 82 Degrees 53 Minutes 22 Seconds East 177.2 feet
thence South 67 Degrees 33 Minutes 48 Seconds East 156.8 feet
thence South 53 Degrees 28 Minutes 32 Seconds East 150.4 feet
thence South 50 Degrees 44 Minutes 32 Seconds East 141.6 feet
thence South 55 Degrees 06 Minutes 24 Seconds East 130.8 feet
thence South 65 Degrees 03 Minutes 02 Seconds East 126.7 feet
thence South 71 Degrees 09 Minutes 23 Seconds East 159.8 feet
thence South 68 Degrees 07 Minutes 15 Seconds East 221.3 feet
thence South 65 Degrees 09 Minutes 24 Seconds East 215.9 feet
thence South 65 Degrees 02 Minutes 44 Seconds East 218.9 feet
thence South 64 Degrees 59 Minutes 47 Seconds East 205.1 feet
thence South 64 Degrees 54 Minutes 52 Seconds East 9.6 feet
thence South 65 Degrees 28 Minutes 50 Seconds East 187.3 feet
thence South 65 Degrees 00 Minutes 00 Seconds East 107.3 feet

thence South 65 Degrees 15 Minutes 30 Seconds East 77.4 feet
thence South 64 Degrees 19 Minutes 04 Seconds East 86 feet
thence South 64 Degrees 45 Minutes 39 Seconds East 79.8 feet
thence South 62 Degrees 56 Minutes 00 Seconds East 181.8 feet
thence South 61 Degrees 12 Minutes 38 Seconds East 168.5 feet
thence South 61 Degrees 49 Minutes 57 Seconds East 89.4 feet
thence South 60 Degrees 53 Minutes 09 Seconds East 120.1 feet
thence South 66 Degrees 15 Minutes 05 Seconds East 201 feet
thence South 66 Degrees 35 Minutes 30 Seconds East 24.4 feet
thence South 74 Degrees 10 Minutes 54 Seconds East 123.8 feet
thence South 78 Degrees 04 Minutes 37 Seconds East 131.3 feet
thence South 81 Degrees 04 Minutes 40 Seconds East 122.4 feet
thence South 84 Degrees 51 Minutes 07 Seconds East 103 feet
thence North 83 Degrees 51 Minutes 27 Seconds East 48.6 feet
thence North 59 Degrees 51 Minutes 31 Seconds East 184.8 feet
thence North 59 Degrees 08 Minutes 58 Seconds East 174.5 feet
thence North 84 Degrees 18 Minutes 47 Seconds East 175.9 feet
thence South 79 Degrees 53 Minutes 29 Seconds East 181 feet
thence North 89 Degrees 08 Minutes 31 Seconds East 180 feet
thence North 68 Degrees 02 Minutes 58 Seconds East 187 feet
thence North 62 Degrees 20 Minutes 04 Seconds East 185.8 feet
thence North 73 Degrees 18 Minutes 11 Seconds East 186.4 feet
thence North 78 Degrees 34 Minutes 34 Seconds East 187.7 feet
thence North 73 Degrees 28 Minutes 39 Seconds East 188.3 feet
thence North 71 Degrees 27 Minutes 31 Seconds East 194.3 feet
thence North 69 Degrees 24 Minutes 00 Seconds East 198.9 feet
thence North 67 Degrees 33 Minutes 23 Seconds East 200.5 feet
thence North 66 Degrees 59 Minutes 36 Seconds East 170.2 feet
thence North 80 Degrees 12 Minutes 07 Seconds East 149.7 feet
thence South 83 Degrees 38 Minutes 01 Seconds East 168.7 feet
thence South 74 Degrees 15 Minutes 45 Seconds East 177.8 feet
thence South 71 Degrees 17 Minutes 01 Seconds East 185.9 feet
thence South 71 Degrees 03 Minutes 13 Seconds East 188.8 feet
thence South 71 Degrees 48 Minutes 48 Seconds East 170.4 feet
thence South 71 Degrees 25 Minutes 02 Seconds East 137.7 feet
thence South 71 Degrees 23 Minutes 29 Seconds East 44.4 feet
thence South 71 Degrees 30 Minutes 58 Seconds East 193.2 feet
thence South 72 Degrees 03 Minutes 31 Seconds East 188.3 feet
thence South 72 Degrees 05 Minutes 57 Seconds East 167.7 feet
thence South 71 Degrees 06 Minutes 01 Seconds East 134.4 feet
thence South 70 Degrees 55 Minutes 06 Seconds East 64.1 feet
thence South 71 Degrees 07 Minutes 53 Seconds East 164.6 feet
thence South 69 Degrees 59 Minutes 20 Seconds East 165.1 feet
thence South 70 Degrees 44 Minutes 56 Seconds East 132.1 feet
thence South 69 Degrees 26 Minutes 58 Seconds East 142.6 feet
thence South 69 Degrees 47 Minutes 24 Seconds East 149.6 feet
thence South 70 Degrees 34 Minutes 43 Seconds East 140.7 feet
thence South 69 Degrees 44 Minutes 30 Seconds East 144.6 feet
thence South 70 Degrees 13 Minutes 12 Seconds East 147.9 feet

thence South 70 Degrees 16 Minutes 48 Seconds East 114.8 feet
thence South 71 Degrees 10 Minutes 01 Seconds East 30 feet
thence South 68 Degrees 32 Minutes 04 Seconds East 123.7 feet
thence South 66 Degrees 00 Minutes 08 Seconds East 91.6 feet
thence South 60 Degrees 45 Minutes 24 Seconds East 109.7 feet
thence South 58 Degrees 14 Minutes 47 Seconds East 154.4 feet
thence South 58 Degrees 09 Minutes 57 Seconds East 175.6 feet
thence South 55 Degrees 34 Minutes 14 Seconds East 169.7 feet
thence South 45 Degrees 07 Minutes 39 Seconds East 159.5 feet
thence South 20 Degrees 53 Minutes 40 Seconds East 162.9 feet
thence South 16 Degrees 56 Minutes 29 Seconds East 172.9 feet
thence South 23 Degrees 10 Minutes 54 Seconds East 163.8 feet
thence South 26 Degrees 16 Minutes 45 Seconds East 151.4 feet
thence South 28 Degrees 57 Minutes 55 Seconds East 127.1 feet
thence South 29 Degrees 35 Minutes 05 Seconds East 3.8 feet
thence South 38 Degrees 20 Minutes 53 Seconds East 24 feet
thence South 38 Degrees 19 Minutes 03 Seconds East 111.3 feet
thence South 41 Degrees 08 Minutes 34 Seconds East 140.9 feet
thence South 32 Degrees 41 Minutes 00 Seconds East 116.5 feet
thence South 20 Degrees 53 Minutes 48 Seconds East 92.9 feet
thence South 15 Degrees 42 Minutes 44 Seconds East 68.1 feet
thence South 07 Degrees 12 Minutes 59 Seconds East 49.6 feet more or less to **the ending point at:** 39 degrees 12 minutes 14.02 seconds North Latitude and -109 degrees 06 minutes 52.34 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,316,322.8 feet and Y = 6,887,772.2 feet.

**Appendix G to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 021**
**Road-Segment Length: 1.97 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 16 South Range 23 East, Section(s) 20,21,28,33, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF 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 22 minutes 25.54 seconds North Latitude and -109 degrees 23 minutes 40.03 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,235,570.5 feet and Y = 6,947,632.8 feet; thence the following courses along the said road center line:

thence North 41 Degrees 59 Minutes 01 Seconds East 44.1 feet
thence North 43 Degrees 55 Minutes 16 Seconds East 245.1 feet
thence North 44 Degrees 21 Minutes 24 Seconds East 237.7 feet
thence North 46 Degrees 24 Minutes 09 Seconds East 220.2 feet
thence North 35 Degrees 38 Minutes 47 Seconds East 198.7 feet
thence North 15 Degrees 33 Minutes 52 Seconds East 208.1 feet
thence North 17 Degrees 49 Minutes 26 Seconds East 196.8 feet
thence North 33 Degrees 59 Minutes 39 Seconds East 214.5 feet
thence North 22 Degrees 57 Minutes 12 Seconds East 217.9 feet
thence North 17 Degrees 15 Minutes 12 Seconds East 222 feet
thence North 09 Degrees 38 Minutes 21 Seconds East 204.9 feet

thence North 08 Degrees 06 Minutes 31 Seconds East 222.2 feet
thence North 10 Degrees 41 Minutes 56 Seconds East 68.3 feet
thence North 10 Degrees 42 Minutes 02 Seconds East 155.7 feet
thence North 10 Degrees 32 Minutes 59 Seconds East 227.2 feet
thence North 11 Degrees 09 Minutes 15 Seconds East 232.7 feet
thence North 13 Degrees 59 Minutes 19 Seconds East 242.1 feet
thence North 17 Degrees 12 Minutes 23 Seconds East 215.1 feet
thence North 15 Degrees 31 Minutes 14 Seconds East 182.5 feet
thence North 14 Degrees 04 Minutes 15 Seconds East 157.5 feet
thence North 12 Degrees 50 Minutes 38 Seconds East 198.8 feet
thence North 24 Degrees 34 Minutes 47 Seconds East 222.5 feet
thence North 34 Degrees 44 Minutes 15 Seconds East 224.5 feet
thence North 37 Degrees 52 Minutes 04 Seconds East 212.9 feet
thence North 34 Degrees 20 Minutes 00 Seconds East 187.5 feet
thence North 22 Degrees 59 Minutes 16 Seconds East 207.2 feet
thence North 16 Degrees 42 Minutes 13 Seconds East 193.9 feet
thence North 13 Degrees 11 Minutes 37 Seconds East 65.8 feet
thence North 13 Degrees 37 Minutes 45 Seconds East 11.8 feet
thence North 09 Degrees 36 Minutes 09 Seconds East 74.9 feet
thence North 05 Degrees 41 Minutes 18 Seconds East 115.5 feet
thence North 02 Degrees 00 Minutes 14 Seconds West 21.3 feet
thence North 01 Degrees 57 Minutes 41 Seconds West 108.3 feet
thence North 02 Degrees 10 Minutes 56 Seconds West 133 feet
thence North 00 Degrees 19 Minutes 47 Seconds West 132.9 feet
thence North 09 Degrees 49 Minutes 24 Seconds West 138.1 feet
thence North 12 Degrees 54 Minutes 52 Seconds West 134.5 feet
thence North 08 Degrees 15 Minutes 24 Seconds West 130.9 feet
thence North 24 Degrees 59 Minutes 16 Seconds West 115.5 feet
thence North 07 Degrees 21 Minutes 38 Seconds West 119 feet
thence North 17 Degrees 40 Minutes 47 Seconds West 113.4 feet
thence North 34 Degrees 01 Minutes 11 Seconds West 106.5 feet
thence North 53 Degrees 05 Minutes 41 Seconds West 51.5 feet
thence North 57 Degrees 34 Minutes 23 Seconds West 42.4 feet
thence North 54 Degrees 50 Minutes 06 Seconds West 76.3 feet
thence North 61 Degrees 49 Minutes 49 Seconds West 37.8 feet
thence North 82 Degrees 15 Minutes 15 Seconds West 58.4 feet
thence North 73 Degrees 24 Minutes 08 Seconds West 78.9 feet
thence North 24 Degrees 49 Minutes 24 Seconds West 106.4 feet
thence North 10 Degrees 23 Minutes 04 Seconds West 111.6 feet
thence North 36 Degrees 04 Minutes 14 Seconds West 117.2 feet
thence North 44 Degrees 08 Minutes 15 Seconds West 118.2 feet
thence North 44 Degrees 24 Minutes 18 Seconds West 116.5 feet
thence North 00 Degrees 08 Minutes 15 Seconds East 124.7 feet
thence North 25 Degrees 27 Minutes 20 Seconds West 125 feet
thence North 42 Degrees 51 Minutes 41 Seconds West 151.4 feet
thence North 35 Degrees 51 Minutes 19 Seconds West 147.2 feet
thence North 24 Degrees 30 Minutes 07 Seconds West 63.6 feet
thence North 24 Degrees 28 Minutes 27 Seconds West 71.2 feet
thence North 42 Degrees 15 Minutes 28 Seconds West 94.8 feet

thence North 75 Degrees 51 Minutes 33 Seconds West 78.8 feet
thence North 49 Degrees 47 Minutes 51 Seconds West 106 feet
thence North 54 Degrees 07 Minutes 12 Seconds West 113.9 feet
thence North 67 Degrees 59 Minutes 06 Seconds West 120.8 feet
thence South 82 Degrees 31 Minutes 39 Seconds West 79.2 feet
thence South 64 Degrees 23 Minutes 38 Seconds West 69.2 feet
thence South 70 Degrees 29 Minutes 37 Seconds West 64.9 feet
thence South 87 Degrees 28 Minutes 03 Seconds West 42.7 feet
thence North 27 Degrees 39 Minutes 20 Seconds West 1151.1 feet
thence North 27 Degrees 43 Minutes 29 Seconds West 5.1 feet more or less to **the ending point at:** 39 degrees 23 minutes 51.81 seconds North Latitude and -109 degrees 23 minutes 40.46 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,235,331.0 feet and Y = 6,956,357.7 feet.

## Appendix H to Attachment 4

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 023**
**Road-Segment Length: 4.56 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 16 South Range 23 East, Section(s) 11,12,13,14,15, Salt Lake Base & Meridian
Township 16 South Range 24 East, Section(s) 7, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 023 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 25 minutes 6 seconds North Latitude and -109 degrees 22 minutes 033.4 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,240,415.1 feet and Y = 6,963,985.3 feet; thence the following courses along the said road center line:

thence North 71 Degrees 11 Minutes 48 Seconds East 15.2 feet
thence North 71 Degrees 10 Minutes 50 Seconds East 183.4 feet
thence North 77 Degrees 53 Minutes 27 Seconds East 200.9 feet
thence North 86 Degrees 27 Minutes 56 Seconds East 205.4 feet
thence North 87 Degrees 55 Minutes 11 Seconds East 214.8 feet
thence South 87 Degrees 46 Minutes 47 Seconds East 221.3 feet
thence South 88 Degrees 59 Minutes 44 Seconds East 211.5 feet
thence North 88 Degrees 43 Minutes 56 Seconds East 200.4 feet
thence South 87 Degrees 52 Minutes 55 Seconds East 192.1 feet
thence South 70 Degrees 37 Minutes 40 Seconds East 199.5 feet

thence South 67 Degrees 08 Minutes 37 Seconds East 208.3 feet
thence South 76 Degrees 02 Minutes 51 Seconds East 126.4 feet
thence South 71 Degrees 31 Minutes 45 Seconds East 285.1 feet
thence South 79 Degrees 20 Minutes 58 Seconds East 180.9 feet
thence South 72 Degrees 54 Minutes 40 Seconds East 175.4 feet
thence South 57 Degrees 01 Minutes 29 Seconds East 170.3 feet
thence South 53 Degrees 40 Minutes 23 Seconds East 175.9 feet
thence South 59 Degrees 20 Minutes 24 Seconds East 178.4 feet
thence South 64 Degrees 04 Minutes 05 Seconds East 174.3 feet
thence South 61 Degrees 45 Minutes 48 Seconds East 168.1 feet
thence South 63 Degrees 17 Minutes 14 Seconds East 155.2 feet
thence South 80 Degrees 16 Minutes 38 Seconds East 141 feet
thence North 86 Degrees 02 Minutes 35 Seconds East 155.6 feet
thence North 84 Degrees 10 Minutes 15 Seconds East 171.2 feet
thence North 77 Degrees 50 Minutes 26 Seconds East 168.1 feet
thence North 68 Degrees 12 Minutes 04 Seconds East 170.3 feet
thence North 51 Degrees 25 Minutes 16 Seconds East 161.6 feet
thence North 33 Degrees 40 Minutes 41 Seconds East 164.3 feet
thence North 28 Degrees 08 Minutes 45 Seconds East 93.3 feet
thence North 28 Degrees 40 Minutes 22 Seconds East 73.2 feet
thence North 25 Degrees 07 Minutes 16 Seconds East 178.1 feet
thence North 35 Degrees 44 Minutes 43 Seconds East 166.4 feet
thence North 45 Degrees 32 Minutes 19 Seconds East 153.1 feet
thence North 46 Degrees 32 Minutes 37 Seconds East 151.2 feet
thence North 48 Degrees 46 Minutes 48 Seconds East 135.3 feet
thence North 59 Degrees 34 Minutes 52 Seconds East 85.9 feet
thence North 59 Degrees 36 Minutes 51 Seconds East 35.2 feet
thence North 77 Degrees 55 Minutes 58 Seconds East 112.9 feet
thence North 89 Degrees 40 Minutes 14 Seconds East 24.6 feet
thence South 89 Degrees 20 Minutes 59 Seconds East 96 feet
thence South 82 Degrees 00 Minutes 41 Seconds East 124.7 feet
thence South 78 Degrees 13 Minutes 03 Seconds East 140.7 feet
thence South 78 Degrees 34 Minutes 12 Seconds East 169 feet
thence South 82 Degrees 24 Minutes 48 Seconds East 178.7 feet
thence South 88 Degrees 43 Minutes 16 Seconds East 175.4 feet
thence North 88 Degrees 03 Minutes 05 Seconds East 174.2 feet
thence South 80 Degrees 55 Minutes 50 Seconds East 150.7 feet
thence South 79 Degrees 13 Minutes 32 Seconds East 144.8 feet
thence South 81 Degrees 25 Minutes 37 Seconds East 148.4 feet
thence South 82 Degrees 25 Minutes 45 Seconds East 71.6 feet
thence South 83 Degrees 33 Minutes 13 Seconds East 83.4 feet
thence South 86 Degrees 49 Minutes 02 Seconds East 160.7 feet
thence South 85 Degrees 57 Minutes 05 Seconds East 171.9 feet
thence South 88 Degrees 07 Minutes 07 Seconds East 170.1 feet
thence North 82 Degrees 15 Minutes 35 Seconds East 152.6 feet
thence North 68 Degrees 21 Minutes 09 Seconds East 108.3 feet
thence North 69 Degrees 23 Minutes 36 Seconds East 42.6 feet
thence North 73 Degrees 08 Minutes 52 Seconds East 167.3 feet
thence North 64 Degrees 23 Minutes 13 Seconds East 184.4 feet

thence North 50 Degrees 01 Minutes 57 Seconds East 172.3 feet
thence North 50 Degrees 41 Minutes 08 Seconds East 23.5 feet
thence North 48 Degrees 52 Minutes 02 Seconds East 215.9 feet
thence North 46 Degrees 23 Minutes 32 Seconds East 241.7 feet
thence North 37 Degrees 43 Minutes 35 Seconds East 87.5 feet
thence North 37 Degrees 37 Minutes 29 Seconds East 156 feet
thence North 23 Degrees 10 Minutes 26 Seconds East 223.6 feet
thence North 37 Degrees 53 Minutes 25 Seconds East 223.4 feet
thence North 36 Degrees 57 Minutes 33 Seconds East 222.7 feet
thence North 32 Degrees 38 Minutes 24 Seconds East 217.1 feet
thence North 36 Degrees 50 Minutes 17 Seconds East 222.3 feet
thence North 53 Degrees 13 Minutes 40 Seconds East 39.6 feet
thence North 53 Degrees 14 Minutes 36 Seconds East 131.7 feet
thence North 53 Degrees 39 Minutes 26 Seconds East 39.1 feet
thence North 86 Degrees 19 Minutes 05 Seconds East 196.4 feet
thence South 71 Degrees 03 Minutes 35 Seconds East 213.8 feet
thence South 60 Degrees 26 Minutes 03 Seconds East 60.6 feet
thence South 60 Degrees 26 Minutes 46 Seconds East 146.8 feet
thence South 47 Degrees 40 Minutes 48 Seconds East 215.5 feet
thence South 49 Degrees 42 Minutes 45 Seconds East 213.4 feet
thence South 49 Degrees 21 Minutes 27 Seconds East 3.3 feet
thence South 50 Degrees 03 Minutes 58 Seconds East 215.8 feet
thence South 31 Degrees 17 Minutes 07 Seconds East 208.5 feet
thence South 15 Degrees 23 Minutes 58 Seconds East 231.1 feet
thence South 24 Degrees 02 Minutes 59 Seconds East 236.5 feet
thence South 29 Degrees 45 Minutes 29 Seconds East 227.9 feet
thence South 22 Degrees 54 Minutes 47 Seconds East 200.8 feet
thence South 13 Degrees 24 Minutes 45 Seconds East 168.4 feet
thence South 33 Degrees 19 Minutes 20 Seconds East 50.9 feet
thence South 33 Degrees 39 Minutes 30 Seconds East 98.2 feet
thence South 36 Degrees 49 Minutes 51 Seconds East 2 feet
thence South 51 Degrees 18 Minutes 56 Seconds East 164.2 feet
thence South 72 Degrees 14 Minutes 48 Seconds East 158.6 feet
thence South 83 Degrees 59 Minutes 21 Seconds East 148.6 feet
thence South 69 Degrees 57 Minutes 55 Seconds East 127.3 feet
thence South 61 Degrees 23 Minutes 33 Seconds East 108.5 feet
thence South 61 Degrees 51 Minutes 07 Seconds East 137.6 feet
thence South 65 Degrees 50 Minutes 04 Seconds East 106.8 feet
thence North 36 Degrees 19 Minutes 23 Seconds East 90 feet
thence North 03 Degrees 49 Minutes 40 Seconds East 153 feet
thence North 17 Degrees 33 Minutes 20 Seconds East 127.6 feet
thence North 28 Degrees 34 Minutes 52 Seconds East 470.4 feet
thence North 07 Degrees 25 Minutes 19 Seconds East 221.9 feet
thence North 15 Degrees 09 Minutes 21 Seconds West 173.1 feet
thence North 20 Degrees 09 Minutes 59 Seconds West 184.9 feet
thence North 20 Degrees 01 Minutes 46 Seconds West 179.5 feet
thence North 15 Degrees 41 Minutes 29 Seconds East 143.4 feet
thence North 71 Degrees 33 Minutes 55 Seconds East 147.8 feet
thence North 42 Degrees 00 Minutes 59 Seconds East 175.4 feet

thence North 05 Degrees 36 Minutes 52 Seconds East 168.2 feet
thence North 03 Degrees 09 Minutes 05 Seconds West 187.2 feet
thence North 05 Degrees 28 Minutes 34 Seconds West 50.1 feet
thence North 05 Degrees 29 Minutes 01 Seconds West 144.3 feet
thence North 03 Degrees 26 Minutes 04 Seconds East 187.4 feet
thence North 22 Degrees 30 Minutes 09 Seconds East 174.4 feet
thence North 56 Degrees 51 Minutes 39 Seconds East 81.7 feet
thence North 56 Degrees 21 Minutes 36 Seconds East 68.7 feet
thence South 87 Degrees 04 Minutes 11 Seconds East 173.1 feet
thence South 65 Degrees 38 Minutes 00 Seconds East 188.5 feet
thence South 35 Degrees 14 Minutes 12 Seconds East 182 feet
thence South 25 Degrees 06 Minutes 07 Seconds East 169.8 feet
thence South 66 Degrees 07 Minutes 54 Seconds East 164.1 feet
thence South 88 Degrees 49 Minutes 13 Seconds East 186.9 feet
thence North 84 Degrees 43 Minutes 08 Seconds East 171.1 feet
thence North 40 Degrees 37 Minutes 29 Seconds East 154.2 feet
thence North 18 Degrees 28 Minutes 37 Seconds East 188.9 feet
thence North 40 Degrees 54 Minutes 43 Seconds East 159.3 feet
thence North 81 Degrees 18 Minutes 38 Seconds East 180.5 feet
thence North 79 Degrees 45 Minutes 45 Seconds East 190.7 feet
thence North 68 Degrees 09 Minutes 47 Seconds East 192.4 feet
thence North 49 Degrees 15 Minutes 48 Seconds East 210.1 feet
thence North 39 Degrees 36 Minutes 20 Seconds East 211.8 feet
thence North 37 Degrees 47 Minutes 28 Seconds East 196 feet
thence North 24 Degrees 06 Minutes 52 Seconds East 178.4 feet
thence North 13 Degrees 18 Minutes 48 Seconds East 173.9 feet
thence North 07 Degrees 37 Minutes 47 Seconds East 180.6 feet
thence North 12 Degrees 11 Minutes 25 Seconds East 179.8 feet
thence North 41 Degrees 34 Minutes 21 Seconds East 147.7 feet
thence South 77 Degrees 12 Minutes 43 Seconds East 151.8 feet
thence South 75 Degrees 52 Minutes 36 Seconds East 13.1 feet
thence North 89 Degrees 08 Minutes 11 Seconds East 175.9 feet
thence North 70 Degrees 31 Minutes 34 Seconds East 84.6 feet
thence North 70 Degrees 32 Minutes 13 Seconds East 105.5 feet
thence North 79 Degrees 53 Minutes 36 Seconds East 183.6 feet
thence North 68 Degrees 31 Minutes 25 Seconds East 172.8 feet
thence North 66 Degrees 21 Minutes 56 Seconds East 174.2 feet
thence North 60 Degrees 50 Minutes 06 Seconds East 166.7 feet
thence North 59 Degrees 29 Minutes 10 Seconds East 172.9 feet
thence North 74 Degrees 12 Minutes 34 Seconds East 160 feet
thence North 84 Degrees 29 Minutes 54 Seconds East 145.6 feet
thence South 87 Degrees 12 Minutes 25 Seconds East 90.4 feet
thence South 85 Degrees 35 Minutes 21 Seconds East 39.7 feet
thence North 52 Degrees 15 Minutes 23 Seconds East 29.7 feet
thence North 54 Degrees 21 Minutes 34 Seconds East 96.5 feet
thence North 22 Degrees 17 Minutes 47 Seconds East 144 feet
thence North 09 Degrees 11 Minutes 48 Seconds East 174.7 feet more or less to **the ending point at:** 39 degrees 25 minutes 48.94 seconds North Latitude and -109 degrees 18 minutes 52.12 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet

coordinates of X = 2,257,669.2 feet and Y = 6,968,747.6 feet.

**Appendix I to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 029**
**Road-Segment Length: 1.94 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 15.5 South Range 24 East, Section(s) 33, Salt Lake Base & Meridian
Township 16 South Range 24 East, Section(s) 2,3,4, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 029 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 27 minutes 07.09 seconds North Latitude and -109 degrees 16 minutes 30.65 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,268,568.7 feet and Y = 6,976,925.3 feet; thence the following courses along the said road center line:

thence North 48 Degrees 44 Minutes 51 Seconds East 93.7 feet
thence North 46 Degrees 22 Minutes 06 Seconds East 88.5 feet
thence North 47 Degrees 23 Minutes 50 Seconds East 61 feet
thence North 82 Degrees 22 Minutes 28 Seconds East 25.8 feet
thence South 75 Degrees 37 Minutes 20 Seconds East 12.9 feet
thence South 55 Degrees 25 Minutes 35 Seconds East 86 feet
thence South 45 Degrees 50 Minutes 42 Seconds East 128.8 feet
thence South 38 Degrees 30 Minutes 44 Seconds East 28.3 feet
thence South 38 Degrees 31 Minutes 17 Seconds East 128.2 feet
thence South 34 Degrees 08 Minutes 14 Seconds East 171.8 feet

thence South 29 Degrees 20 Minutes 27 Seconds East 180.1 feet
thence South 34 Degrees 26 Minutes 21 Seconds East 132.8 feet
thence South 33 Degrees 48 Minutes 02 Seconds East 33.4 feet
thence South 32 Degrees 59 Minutes 23 Seconds East 152 feet
thence South 32 Degrees 46 Minutes 47 Seconds East 225.5 feet
thence South 42 Degrees 55 Minutes 50 Seconds East 225.1 feet
thence South 69 Degrees 27 Minutes 13 Seconds East 216.4 feet
thence South 72 Degrees 13 Minutes 17 Seconds East 227 feet
thence South 69 Degrees 40 Minutes 58 Seconds East 200.1 feet
thence South 88 Degrees 39 Minutes 09 Seconds East 168.2 feet
thence North 70 Degrees 33 Minutes 21 Seconds East 185.4 feet
thence North 75 Degrees 43 Minutes 58 Seconds East 204.3 feet
thence South 81 Degrees 23 Minutes 16 Seconds East 211.1 feet
thence South 73 Degrees 14 Minutes 31 Seconds East 228.9 feet
thence South 55 Degrees 17 Minutes 34 Seconds East 174.3 feet
thence South 37 Degrees 08 Minutes 43 Seconds East 182.4 feet
thence South 16 Degrees 49 Minutes 16 Seconds East 208.7 feet
thence South 13 Degrees 17 Minutes 00 Seconds East 101.1 feet
thence South 13 Degrees 17 Minutes 25 Seconds East 89.1 feet
thence South 16 Degrees 29 Minutes 18 Seconds East 70 feet
thence South 16 Degrees 18 Minutes 48 Seconds East 52.9 feet
thence South 16 Degrees 16 Minutes 28 Seconds East 47.8 feet
thence South 41 Degrees 13 Minutes 47 Seconds East 34.7 feet
thence South 40 Degrees 30 Minutes 40 Seconds East 113.8 feet
thence South 48 Degrees 29 Minutes 50 Seconds East 157.4 feet
thence South 44 Degrees 06 Minutes 20 Seconds East 150 feet
thence South 42 Degrees 50 Minutes 22 Seconds East 146.9 feet
thence South 44 Degrees 12 Minutes 12 Seconds East 125.2 feet
thence South 47 Degrees 59 Minutes 56 Seconds East 112.1 feet
thence South 42 Degrees 23 Minutes 06 Seconds East 101.6 feet
thence South 41 Degrees 51 Minutes 18 Seconds East 103 feet
thence South 51 Degrees 55 Minutes 01 Seconds East 92.4 feet
thence South 76 Degrees 51 Minutes 57 Seconds East 49.3 feet
thence South 78 Degrees 30 Minutes 12 Seconds East 40 feet
thence South 88 Degrees 58 Minutes 52 Seconds East 69.7 feet
thence North 83 Degrees 54 Minutes 38 Seconds East 49 feet
thence North 85 Degrees 28 Minutes 23 Seconds East 156.9 feet
thence North 77 Degrees 05 Minutes 50 Seconds East 173.3 feet
thence North 63 Degrees 36 Minutes 21 Seconds East 168 feet
thence North 89 Degrees 08 Minutes 42 Seconds East 178.8 feet
thence North 87 Degrees 13 Minutes 44 Seconds East 192.5 feet
thence North 58 Degrees 26 Minutes 06 Seconds East 199.3 feet
thence North 43 Degrees 55 Minutes 00 Seconds East 199.2 feet
thence North 42 Degrees 10 Minutes 04 Seconds East 189.1 feet
thence North 58 Degrees 20 Minutes 58 Seconds East 170.4 feet
thence North 76 Degrees 17 Minutes 58 Seconds East 163.2 feet
thence South 75 Degrees 57 Minutes 02 Seconds East 158.5 feet
thence South 55 Degrees 30 Minutes 17 Seconds East 160.9 feet
thence South 70 Degrees 47 Minutes 09 Seconds East 137.3 feet

thence South 71 Degrees 53 Minutes 39 Seconds East 25.9 feet
thence South 79 Degrees 18 Minutes 48 Seconds East 171.7 feet
thence South 83 Degrees 45 Minutes 34 Seconds East 186.4 feet
thence North 89 Degrees 08 Minutes 04 Seconds East 175.3 feet
thence South 86 Degrees 16 Minutes 45 Seconds East 139.4 feet
thence South 65 Degrees 07 Minutes 47 Seconds East 119.4 feet
thence South 60 Degrees 08 Minutes 52 Seconds East 120.7 feet
thence South 62 Degrees 25 Minutes 40 Seconds East 98.2 feet
thence South 69 Degrees 17 Minutes 30 Seconds East 22.8 feet
thence South 72 Degrees 25 Minutes 24 Seconds East 21.3 feet
thence South 75 Degrees 52 Minutes 36 Seconds East 6.6 feet
thence South 85 Degrees 18 Minutes 58 Seconds East 93.9 feet
thence South 82 Degrees 33 Minutes 06 Seconds East 145.5 feet
thence South 72 Degrees 08 Minutes 24 Seconds East 152.4 feet
thence North 89 Degrees 40 Minutes 14 Seconds East 158.5 feet
thence North 64 Degrees 59 Minutes 18 Seconds East 192.5 feet
thence North 58 Degrees 14 Minutes 56 Seconds East 201.4 feet
thence North 74 Degrees 55 Minutes 37 Seconds East 32.2 feet
thence North 75 Degrees 06 Minutes 32 Seconds East 163.1 feet
thence South 86 Degrees 39 Minutes 29 Seconds East 95.3 feet
thence South 86 Degrees 21 Minutes 24 Seconds East 2.4 feet more or less to **the ending point at:** 39 degrees 26 minutes 40.99 seconds North Latitude and -109 degrees 14 minutes 45.43 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,276,885.6 feet and Y = 6,974,491.9 feet.

**Appendix J to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 032**
**Road-Segment Length: 0.16 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 16 South Range 24 East, Section(s) 2,11, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 032 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 26 minutes 14.97 seconds North Latitude and -109 degrees 14 minutes 23.67 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,278,658.1 feet and Y = 6,971,903.1 feet; thence the following courses along the said road center line:

thence South 16 Degrees 45 Minutes 49 Seconds East 23.8 feet
thence South 26 Degrees 19 Minutes 07 Seconds East 11.7 feet
thence South 26 Degrees 18 Minutes 59 Seconds East 96 feet
thence South 20 Degrees 07 Minutes 42 Seconds East 102.9 feet
thence South 11 Degrees 51 Minutes 02 Seconds East 122.2 feet
thence South 06 Degrees 21 Minutes 35 Seconds East 128.7 feet
thence South 13 Degrees 38 Minutes 19 Seconds East 107.9 feet
thence South 08 Degrees 35 Minutes 20 Seconds East 102.8 feet
thence South 00 Degrees 16 Minutes 30 Seconds West 59.1 feet
thence South 16 Degrees 20 Minutes 39 Seconds East 63.1 feet
thence South 55 Degrees 18 Minutes 32 Seconds East 48.6 feet more or less to **the ending**

**point at:** 39 degrees 26 minutes 06.84 seconds North Latitude and -109 degrees 14 minutes 21.04 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,278,885.7 feet and Y = 6,971,085.9 feet.

**Appendix K to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 036**
**Road-Segment Length: 1.43 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 16 South Range 24 East, Section(s) 1, Salt Lake Base & Meridian
Township 16 South Range 25 East, Section(s) 6, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 036 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 26 minutes 41.52 seconds North Latitude and -109 degrees 13 minutes 38.19 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,282,157.0 feet and Y = 6,974,678.6 feet; thence the following courses along the said road center line:

thence North 74 Degrees 02 Minutes 50 Seconds East 15.2 feet
thence South 77 Degrees 25 Minutes 19 Seconds East 161.6 feet
thence South 49 Degrees 57 Minutes 53 Seconds East 172.2 feet
thence South 36 Degrees 26 Minutes 06 Seconds East 160.4 feet
thence South 32 Degrees 23 Minutes 47 Seconds East 154.9 feet
thence South 43 Degrees 16 Minutes 35 Seconds East 141.2 feet
thence South 51 Degrees 43 Minutes 11 Seconds East 128.8 feet
thence South 54 Degrees 02 Minutes 39 Seconds East 133.1 feet
thence South 44 Degrees 21 Minutes 04 Seconds East 127.8 feet
thence South 30 Degrees 28 Minutes 57 Seconds East 123.3 feet

thence South 32 Degrees 56 Minutes 55 Seconds East 113 feet
thence South 42 Degrees 27 Minutes 58 Seconds East 84.1 feet
thence South 52 Degrees 14 Minutes 37 Seconds East 13.3 feet
thence South 66 Degrees 22 Minutes 01 Seconds East 96.9 feet
thence South 73 Degrees 12 Minutes 36 Seconds East 16.7 feet
thence South 86 Degrees 25 Minutes 03 Seconds East 120.2 feet
thence North 74 Degrees 09 Minutes 38 Seconds East 141.1 feet
thence North 45 Degrees 15 Minutes 57 Seconds East 140.7 feet
thence North 36 Degrees 39 Minutes 44 Seconds East 154 feet
thence North 27 Degrees 00 Minutes 10 Seconds East 164.4 feet
thence North 24 Degrees 33 Minutes 28 Seconds East 175.4 feet
thence North 24 Degrees 06 Minutes 46 Seconds East 183.8 feet
thence North 25 Degrees 59 Minutes 55 Seconds East 177.5 feet
thence North 27 Degrees 07 Minutes 29 Seconds East 166.4 feet
thence North 36 Degrees 01 Minutes 47 Seconds East 148.7 feet
thence North 42 Degrees 41 Minutes 44 Seconds East 134.6 feet
thence North 51 Degrees 15 Minutes 07 Seconds East 124.1 feet
thence North 60 Degrees 32 Minutes 53 Seconds East 121.3 feet
thence North 65 Degrees 06 Minutes 06 Seconds East 118.4 feet
thence North 66 Degrees 12 Minutes 52 Seconds East 123.6 feet
thence North 53 Degrees 42 Minutes 05 Seconds East 108.9 feet
thence North 40 Degrees 26 Minutes 42 Seconds East 108.3 feet
thence North 36 Degrees 07 Minutes 13 Seconds East 87.7 feet
thence North 34 Degrees 04 Minutes 20 Seconds East 41.8 feet
thence North 36 Degrees 07 Minutes 42 Seconds East 69.3 feet
thence North 38 Degrees 06 Minutes 07 Seconds East 186.4 feet
thence North 43 Degrees 02 Minutes 13 Seconds East 198.6 feet
thence North 45 Degrees 16 Minutes 59 Seconds East 204 feet
thence North 49 Degrees 43 Minutes 12 Seconds East 199.3 feet
thence North 52 Degrees 51 Minutes 36 Seconds East 202.6 feet
thence North 54 Degrees 17 Minutes 32 Seconds East 212.5 feet
thence North 55 Degrees 04 Minutes 42 Seconds East 202.3 feet
thence North 52 Degrees 54 Minutes 26 Seconds East 74 feet
thence North 51 Degrees 33 Minutes 47 Seconds East 106.3 feet
thence North 43 Degrees 20 Minutes 34 Seconds East 188.2 feet
thence North 42 Degrees 42 Minutes 50 Seconds East 199.8 feet
thence North 49 Degrees 37 Minutes 34 Seconds East 211.6 feet
thence North 67 Degrees 26 Minutes 00 Seconds East 221.1 feet
thence North 81 Degrees 50 Minutes 49 Seconds East 216.9 feet
thence South 86 Degrees 10 Minutes 29 Seconds East 181.2 feet
thence South 73 Degrees 54 Minutes 08 Seconds East 147.5 feet
thence South 73 Degrees 53 Minutes 56 Seconds East 20.8 feet
thence South 70 Degrees 40 Minutes 31 Seconds East 170.7 feet
thence South 61 Degrees 27 Minutes 59 Seconds East 118.9 feet
thence South 59 Degrees 36 Minutes 45 Seconds East 41.8 feet
thence South 48 Degrees 16 Minutes 36 Seconds East 17.1 feet more or less to **the ending point at:** 39 degrees 27 minutes 00.86 seconds North Latitude and -109 degrees 12 minutes 26.59 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,287,721.5 feet and Y = 6,976,778.4 feet.

**Appendix L to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 037**
**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 16 South Range 25 East, Section(s) 6, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 037 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 27 minutes 00.86 seconds North Latitude and -109 degrees 12 minutes 26.59 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,287,721.5 feet and Y = 6,976,778.4 feet; thence the following courses along the said road center line:

thence South 48 Degrees 41 Minutes 23 Seconds East 155.5 feet
thence South 48 Degrees 46 Minutes 45 Seconds East 190.4 feet
thence South 67 Degrees 06 Minutes 56 Seconds East 179 feet
thence North 86 Degrees 12 Minutes 53 Seconds East 163.3 feet
thence South 83 Degrees 11 Minutes 40 Seconds East 145.3 feet
thence South 75 Degrees 30 Minutes 15 Seconds East 141.1 feet
thence South 67 Degrees 05 Minutes 03 Seconds East 133 feet
thence South 54 Degrees 30 Minutes 04 Seconds East 142.9 feet
thence South 68 Degrees 54 Minutes 14 Seconds East 139.2 feet
thence South 75 Degrees 07 Minutes 10 Seconds East 131.3 feet
thence South 78 Degrees 52 Minutes 20 Seconds East 140.4 feet

thence South 71 Degrees 18 Minutes 44 Seconds East 141 feet
thence South 78 Degrees 57 Minutes 00 Seconds East 133 feet
thence North 59 Degrees 52 Minutes 43 Seconds East 118.9 feet
thence North 45 Degrees 45 Minutes 05 Seconds East 123 feet
thence North 40 Degrees 01 Minutes 05 Seconds East 127 feet
thence North 33 Degrees 41 Minutes 05 Seconds East 154.4 feet
thence North 47 Degrees 02 Minutes 35 Seconds East 150.2 feet
thence North 77 Degrees 32 Minutes 07 Seconds East 117.1 feet more or less to **the ending point at:** 39 degrees 26 minutes 58.71 seconds North Latitude and -109 degrees 11 minutes 56.71 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,290,070.1 feet and Y = 6,976,621.3 feet.

**Appendix M to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 038**
**Road-Segment Length: 0.6 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 15.5 South Range 25 East, Section(s) 32, Salt Lake Base & Meridian
Township 16 South Range 25 East, Section(s) 5,6, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 038 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 26 minutes 58.71 seconds North Latitude and -109 degrees 11 minutes 56.71 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,290,070.1 feet and Y = 6,976,621.3 feet; thence the following courses along the said road center line:

thence North 73 Degrees 27 Minutes 41 Seconds East 11.8 feet
thence South 64 Degrees 38 Minutes 17 Seconds East 113.5 feet
thence South 40 Degrees 19 Minutes 22 Seconds East 117.8 feet
thence South 52 Degrees 22 Minutes 56 Seconds East 112 feet
thence South 85 Degrees 36 Minutes 55 Seconds East 119.8 feet
thence North 83 Degrees 56 Minutes 19 Seconds East 115 feet
thence North 81 Degrees 14 Minutes 37 Seconds East 111.9 feet
thence North 73 Degrees 25 Minutes 40 Seconds East 140.8 feet
thence North 60 Degrees 38 Minutes 07 Seconds East 189.3 feet
thence North 55 Degrees 40 Minutes 44 Seconds East 193.7 feet

thence North 58 Degrees 25 Minutes 48 Seconds East 199.3 feet
thence North 63 Degrees 01 Minutes 33 Seconds East 190.2 feet
thence North 66 Degrees 59 Minutes 54 Seconds East 166 feet
thence North 80 Degrees 10 Minutes 15 Seconds East 49.7 feet
thence North 79 Degrees 26 Minutes 29 Seconds East 110.9 feet
thence North 89 Degrees 07 Minutes 55 Seconds East 174.5 feet
thence North 79 Degrees 15 Minutes 23 Seconds East 172.4 feet
thence North 69 Degrees 19 Minutes 11 Seconds East 165.1 feet
thence North 53 Degrees 56 Minutes 04 Seconds East 143.2 feet
thence North 43 Degrees 04 Minutes 05 Seconds East 88.8 feet
thence North 43 Degrees 02 Minutes 38 Seconds East 76 feet
thence North 46 Degrees 19 Minutes 01 Seconds East 176.8 feet
thence North 47 Degrees 26 Minutes 28 Seconds East 170.9 feet
thence North 38 Degrees 10 Minutes 25 Seconds East 41.2 feet
thence North 38 Degrees 12 Minutes 02 Seconds East 22.6 feet more or less to **the ending point at:** 39 degrees 27 minutes 07.19 seconds North Latitude and -109 degrees 11 minutes 21.32 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,292,823.0 feet and Y = 6,977,550.0 feet.

**Appendix N to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 040**
**Road-Segment Length: 0.14 miles more or less.**
**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

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

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

This road-segment may traverse:
Township 16 South Range 25 East, Section(s) 5, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 040 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 27 minutes 07.16 seconds North Latitude and -109 degrees 11 minutes 00.27 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,294,473.7 feet and Y = 6,977,589.5 feet; thence the following courses along the said road center line:

thence South 48 Degrees 41 Minutes 15 Seconds East 19 feet
thence South 48 Degrees 40 Minutes 34 Seconds East 79.1 feet
thence South 54 Degrees 49 Minutes 15 Seconds East 186.4 feet
thence South 60 Degrees 47 Minutes 31 Seconds East 166.4 feet
thence South 83 Degrees 12 Minutes 53 Seconds East 132.5 feet
thence North 87 Degrees 31 Minutes 46 Seconds East 87.8 feet
thence South 84 Degrees 14 Minutes 38 Seconds East 15.5 feet
thence South 80 Degrees 25 Minutes 47 Seconds East 57.3 feet
thence South 78 Degrees 05 Minutes 17 Seconds East 17 feet more or less to **the ending point at:** 39 degrees 27 minutes 04.22 seconds North Latitude and -109 degrees 10 minutes 51.71 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet

coordinates of X = 2,295,152.7 feet and Y = 6,977,309.7 feet.

**Appendix O to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 042**
**Road-Segment Length: 0.09 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 16 South Range 25 East, Section(s) 4,5, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 042 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 26 minutes 53.79 seconds North Latitude and -109 degrees 10 minutes 22.08 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,297,503.6 feet and Y = 6,976,315.7 feet; thence the following courses along the said road center line:

thence South 29 Degrees 28 Minutes 58 Seconds East 35.1 feet
thence South 42 Degrees 52 Minutes 21 Seconds East 77.9 feet
thence South 48 Degrees 00 Minutes 25 Seconds East 78 feet
thence South 49 Degrees 27 Minutes 39 Seconds East 70.2 feet
thence South 32 Degrees 22 Minutes 56 Seconds East 25.2 feet
thence South 24 Degrees 46 Minutes 24 Seconds East 19.8 feet
thence South 37 Degrees 41 Minutes 55 Seconds East 111.5 feet
thence South 32 Degrees 39 Minutes 32 Seconds East 29.5 feet
thence South 32 Degrees 37 Minutes 41 Seconds East 10.9 feet more or less to **the ending point at:** 39 degrees 26 minutes 50.29 seconds North Latitude and -109 degrees 10 minutes 18.45 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet

coordinates of X = 2,297,796.9 feet and Y = 6,975,968.8 feet.

**Appendix P to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 044**
**Road-Segment Length: 1.47 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 16 South Range 25 East, Section(s) 4,9,16, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 044 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 26 minutes 29.67 seconds North Latitude and -109 degrees 09 minutes 45.08 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,300,468.6 feet and Y = 6,973,951.5 feet; thence the following courses along the said road center line:

thence South 36 Degrees 35 Minutes 28 Seconds East 53.1 feet
thence South 18 Degrees 11 Minutes 41 Seconds East 163.7 feet
thence South 07 Degrees 43 Minutes 52 Seconds East 170.4 feet
thence South 02 Degrees 05 Minutes 23 Seconds East 180.5 feet
thence South 03 Degrees 14 Minutes 56 Seconds West 180.8 feet
thence South 02 Degrees 27 Minutes 19 Seconds East 182.2 feet
thence South 06 Degrees 21 Minutes 46 Seconds East 191.4 feet
thence South 15 Degrees 26 Minutes 40 Seconds East 178.4 feet
thence South 29 Degrees 59 Minutes 49 Seconds East 152.9 feet
thence South 59 Degrees 20 Minutes 43 Seconds East 108.3 feet
thence South 59 Degrees 56 Minutes 34 Seconds East 7.3 feet

thence South 59 Degrees 57 Minutes 59 Seconds East 106.3 feet
thence South 41 Degrees 14 Minutes 25 Seconds East 125.9 feet
thence South 32 Degrees 56 Minutes 08 Seconds East 116.8 feet
thence South 26 Degrees 25 Minutes 11 Seconds East 113.2 feet
thence South 11 Degrees 26 Minutes 10 Seconds East 108.7 feet
thence South 05 Degrees 59 Minutes 11 Seconds East 103.9 feet
thence South 01 Degrees 25 Minutes 40 Seconds East 118.1 feet
thence South 00 Degrees 27 Minutes 44 Seconds West 132.9 feet
thence South 04 Degrees 07 Minutes 12 Seconds East 105.2 feet
thence South 07 Degrees 13 Minutes 45 Seconds East 99.1 feet
thence South 13 Degrees 03 Minutes 15 Seconds East 104.3 feet
thence South 21 Degrees 21 Minutes 50 Seconds East 116 feet
thence South 23 Degrees 54 Minutes 46 Seconds East 134.2 feet
thence South 21 Degrees 30 Minutes 24 Seconds East 142.5 feet
thence South 17 Degrees 24 Minutes 43 Seconds East 127 feet
thence South 03 Degrees 00 Minutes 49 Seconds East 105.1 feet
thence South 03 Degrees 30 Minutes 35 Seconds East 88.7 feet
thence South 11 Degrees 57 Minutes 41 Seconds East 108.9 feet
thence South 08 Degrees 14 Minutes 13 Seconds East 119.2 feet
thence South 16 Degrees 58 Minutes 33 Seconds East 135.3 feet
thence South 16 Degrees 51 Minutes 53 Seconds East 164.3 feet
thence South 00 Degrees 49 Minutes 35 Seconds West 172.3 feet
thence South 11 Degrees 32 Minutes 22 Seconds West 184.4 feet
thence South 06 Degrees 06 Minutes 09 Seconds West 168.4 feet
thence South 07 Degrees 47 Minutes 04 Seconds West 154.1 feet
thence South 07 Degrees 53 Minutes 47 Seconds West 137.6 feet
thence South 19 Degrees 23 Minutes 42 Seconds West 120.2 feet
thence South 07 Degrees 34 Minutes 37 Seconds West 149.1 feet
thence South 20 Degrees 04 Minutes 03 Seconds West 141.8 feet
thence South 59 Degrees 05 Minutes 26 Seconds West 125.8 feet
thence South 39 Degrees 33 Minutes 30 Seconds West 121.9 feet
thence South 06 Degrees 22 Minutes 30 Seconds East 128.7 feet
thence South 21 Degrees 32 Minutes 20 Seconds East 135.5 feet
thence South 17 Degrees 00 Minutes 19 Seconds East 150.7 feet
thence South 14 Degrees 06 Minutes 13 Seconds East 125 feet
thence South 04 Degrees 49 Minutes 59 Seconds West 136.7 feet
thence South 01 Degrees 42 Minutes 54 Seconds West 114.9 feet
thence South 21 Degrees 34 Minutes 50 Seconds East 79.2 feet
thence South 68 Degrees 10 Minutes 32 Seconds East 87 feet
thence South 86 Degrees 52 Minutes 05 Seconds East 108.7 feet
thence North 81 Degrees 39 Minutes 17 Seconds East 129.4 feet
thence North 84 Degrees 07 Minutes 00 Seconds East 118.7 feet
thence South 81 Degrees 05 Minutes 58 Seconds East 92 feet
thence South 58 Degrees 39 Minutes 17 Seconds East 90.6 feet
thence South 29 Degrees 31 Minutes 34 Seconds East 124 feet
thence South 24 Degrees 33 Minutes 28 Seconds East 125.9 feet
thence South 12 Degrees 58 Minutes 37 Seconds East 122.7 feet
thence South 15 Degrees 20 Minutes 49 Seconds East 127.4 feet
thence South 17 Degrees 03 Minutes 35 Seconds East 118.2 feet

thence South 33 Degrees 55 Minutes 15 Seconds East 94.4 feet

thence South 33 Degrees 48 Minutes 35 Seconds East 7.4 feet more or less to **the ending point at:** 39 degrees 25 minutes 23.01 seconds North Latitude and -109 degrees 09 minutes 25.93 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,302,146.5 feet and Y = 6,967,248.7 feet.

**Appendix Q to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 047**
**Road-Segment Length: 3.14 miles more or less.**
**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

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

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

This road-segment may traverse:
Township 16 South Range 25 East, Section(s) 21,22,23, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 047 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 24 minutes 30.88 seconds North Latitude and -109 degrees 09 minutes 34.38 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,301,621.9 feet and Y = 6,961,959.0 feet; thence the following courses along the said road center line:

thence South 19 Degrees 46 Minutes 05 Seconds West 50 feet
thence South 04 Degrees 04 Minutes 18 Seconds West 120.1 feet
thence South 08 Degrees 33 Minutes 33 Seconds East 43.1 feet
thence South 10 Degrees 48 Minutes 02 Seconds East 41.7 feet
thence South 11 Degrees 07 Minutes 15 Seconds East 28.4 feet
thence South 07 Degrees 46 Minutes 04 Seconds East 153.9 feet
thence South 15 Degrees 53 Minutes 04 Seconds West 167.4 feet
thence South 32 Degrees 07 Minutes 03 Seconds West 157.5 feet
thence South 26 Degrees 54 Minutes 32 Seconds West 142.1 feet
thence South 06 Degrees 47 Minutes 39 Seconds West 132.3 feet
thence South 05 Degrees 36 Minutes 47 Seconds East 100.5 feet

thence South 05 Degrees 22 Minutes 23 Seconds East 28 feet
thence South 16 Degrees 58 Minutes 04 Seconds East 87.3 feet
thence South 17 Degrees 20 Minutes 41 Seconds East 34.3 feet
thence South 29 Degrees 35 Minutes 44 Seconds East 101.5 feet
thence South 58 Degrees 32 Minutes 19 Seconds East 65.4 feet
thence North 55 Degrees 19 Minutes 18 Seconds East 69.8 feet
thence North 23 Degrees 57 Minutes 49 Seconds West 118.2 feet
thence North 15 Degrees 44 Minutes 23 Seconds West 124.2 feet
thence North 10 Degrees 59 Minutes 47 Seconds West 20 feet
thence North 07 Degrees 22 Minutes 27 Seconds East 140.7 feet
thence North 24 Degrees 57 Minutes 51 Seconds East 49 feet
thence North 30 Degrees 10 Minutes 46 Seconds East 53.3 feet
thence North 33 Degrees 57 Minutes 22 Seconds East 21.8 feet
thence North 36 Degrees 27 Minutes 04 Seconds East 102.4 feet
thence North 75 Degrees 42 Minutes 48 Seconds East 34 feet
thence South 39 Degrees 51 Minutes 52 Seconds East 31.9 feet
thence South 11 Degrees 30 Minutes 18 Seconds West 77.1 feet
thence South 11 Degrees 53 Minutes 19 Seconds West 107.4 feet
thence South 28 Degrees 19 Minutes 38 Seconds East 102.2 feet
thence South 36 Degrees 44 Minutes 41 Seconds East 104 feet
thence South 41 Degrees 19 Minutes 48 Seconds East 89.1 feet
thence South 46 Degrees 17 Minutes 11 Seconds East 77.9 feet
thence South 41 Degrees 26 Minutes 52 Seconds East 128.5 feet
thence South 38 Degrees 17 Minutes 42 Seconds East 145.7 feet
thence South 63 Degrees 16 Minutes 48 Seconds East 129.9 feet
thence North 85 Degrees 34 Minutes 19 Seconds East 137.8 feet
thence South 83 Degrees 24 Minutes 12 Seconds East 176.8 feet
thence South 59 Degrees 57 Minutes 08 Seconds East 175.2 feet
thence South 67 Degrees 39 Minutes 46 Seconds East 166 feet
thence South 68 Degrees 44 Minutes 07 Seconds East 169.4 feet
thence South 49 Degrees 19 Minutes 17 Seconds East 150 feet
thence South 28 Degrees 14 Minutes 55 Seconds East 146.7 feet
thence South 37 Degrees 56 Minutes 15 Seconds East 140.8 feet
thence South 49 Degrees 18 Minutes 34 Seconds East 152.5 feet
thence South 87 Degrees 00 Minutes 19 Seconds East 104.6 feet
thence South 86 Degrees 58 Minutes 46 Seconds East 36.5 feet
thence North 72 Degrees 28 Minutes 07 Seconds East 138.7 feet
thence North 76 Degrees 32 Minutes 39 Seconds East 115.6 feet
thence South 79 Degrees 55 Minutes 31 Seconds East 127.2 feet
thence South 47 Degrees 26 Minutes 04 Seconds East 142.2 feet
thence South 49 Degrees 24 Minutes 44 Seconds East 142.8 feet
thence South 64 Degrees 48 Minutes 34 Seconds East 125.6 feet
thence North 70 Degrees 46 Minutes 54 Seconds East 106.4 feet
thence North 76 Degrees 25 Minutes 35 Seconds East 107.4 feet
thence North 86 Degrees 24 Minutes 38 Seconds East 115.4 feet
thence North 49 Degrees 19 Minutes 38 Seconds East 78.6 feet
thence North 30 Degrees 53 Minutes 06 Seconds East 38.4 feet
thence North 30 Degrees 07 Minutes 28 Seconds East 38.1 feet
thence North 41 Degrees 30 Minutes 55 Seconds East 79.3 feet

thence North 57 Degrees 39 Minutes 15 Seconds East 105.2 feet
thence North 75 Degrees 07 Minutes 10 Seconds East 111 feet
thence North 69 Degrees 46 Minutes 38 Seconds East 130.2 feet
thence North 71 Degrees 52 Minutes 16 Seconds East 128.8 feet
thence South 79 Degrees 30 Minutes 32 Seconds East 122.3 feet
thence South 66 Degrees 53 Minutes 12 Seconds East 82.5 feet
thence South 64 Degrees 17 Minutes 26 Seconds East 11.2 feet
thence South 48 Degrees 47 Minutes 30 Seconds East 79.2 feet
thence South 58 Degrees 34 Minutes 23 Seconds East 124.7 feet
thence South 44 Degrees 02 Minutes 46 Seconds East 129.4 feet
thence South 48 Degrees 10 Minutes 45 Seconds East 134.4 feet
thence South 61 Degrees 42 Minutes 19 Seconds East 140.4 feet
thence South 51 Degrees 01 Minutes 08 Seconds East 124.3 feet
thence South 81 Degrees 14 Minutes 33 Seconds East 72.7 feet
thence North 03 Degrees 53 Minutes 13 Seconds East 52.6 feet
thence North 32 Degrees 00 Minutes 40 Seconds West 94.5 feet
thence North 31 Degrees 20 Minutes 38 Seconds West 130.2 feet
thence North 42 Degrees 20 Minutes 39 Seconds West 106 feet
thence North 03 Degrees 29 Minutes 55 Seconds West 70.6 feet
thence North 87 Degrees 42 Minutes 54 Seconds East 96.2 feet
thence South 63 Degrees 57 Minutes 23 Seconds East 136.6 feet
thence South 59 Degrees 18 Minutes 29 Seconds East 136.9 feet
thence South 40 Degrees 19 Minutes 27 Seconds East 117.8 feet
thence South 65 Degrees 53 Minutes 34 Seconds East 130.9 feet
thence South 67 Degrees 29 Minutes 54 Seconds East 139.5 feet
thence North 87 Degrees 38 Minutes 19 Seconds East 138.9 feet
thence North 66 Degrees 33 Minutes 08 Seconds East 129.5 feet
thence North 81 Degrees 16 Minutes 26 Seconds East 112.4 feet
thence North 88 Degrees 59 Minutes 28 Seconds East 138.6 feet
thence South 87 Degrees 50 Minutes 03 Seconds East 150.6 feet
thence South 82 Degrees 22 Minutes 35 Seconds East 142.2 feet
thence South 83 Degrees 45 Minutes 32 Seconds East 129 feet
thence North 76 Degrees 52 Minutes 56 Seconds East 118.6 feet
thence North 74 Degrees 11 Minutes 25 Seconds East 110.6 feet
thence North 82 Degrees 35 Minutes 08 Seconds East 106.4 feet
thence North 89 Degrees 40 Minutes 08 Seconds East 108.1 feet
thence South 70 Degrees 16 Minutes 06 Seconds East 105.2 feet
thence South 39 Degrees 21 Minutes 53 Seconds East 82.4 feet
thence South 01 Degrees 42 Minutes 52 Seconds West 68.9 feet
thence South 17 Degrees 15 Minutes 41 Seconds West 70.6 feet
thence South 25 Degrees 13 Minutes 19 Seconds East 18.1 feet
thence South 20 Degrees 38 Minutes 07 Seconds East 3.5 feet
thence North 80 Degrees 13 Minutes 59 Seconds East 70 feet
thence North 40 Degrees 19 Minutes 47 Seconds East 82.2 feet
thence North 35 Degrees 00 Minutes 38 Seconds East 92.5 feet
thence North 24 Degrees 31 Minutes 44 Seconds East 86.8 feet
thence North 01 Degrees 30 Minutes 00 Seconds West 80.4 feet
thence North 16 Degrees 56 Minutes 39 Seconds West 83.9 feet
thence North 19 Degrees 40 Minutes 30 Seconds West 81.7 feet

thence North 28 Degrees 41 Minutes 59 Seconds West 87.6 feet
thence North 40 Degrees 50 Minutes 46 Seconds West 118.7 feet
thence North 75 Degrees 29 Minutes 48 Seconds West 121.7 feet
thence South 71 Degrees 44 Minutes 18 Seconds West 133.2 feet
thence South 71 Degrees 27 Minutes 07 Seconds West 136.4 feet
thence South 84 Degrees 45 Minutes 06 Seconds West 114.8 feet
thence North 80 Degrees 35 Minutes 28 Seconds West 97 feet
thence North 55 Degrees 44 Minutes 04 Seconds West 130 feet
thence North 51 Degrees 10 Minutes 47 Seconds West 119.5 feet
thence North 39 Degrees 09 Minutes 42 Seconds West 120 feet
thence North 46 Degrees 50 Minutes 45 Seconds West 126.3 feet
thence North 52 Degrees 38 Minutes 17 Seconds West 83.2 feet
thence North 04 Degrees 35 Minutes 46 Seconds East 47.7 feet
thence North 66 Degrees 57 Minutes 51 Seconds East 34 feet
thence North 72 Degrees 41 Minutes 39 Seconds East 56.2 feet
thence South 44 Degrees 39 Minutes 55 Seconds East 61.9 feet
thence South 38 Degrees 07 Minutes 29 Seconds East 101.7 feet
thence South 43 Degrees 34 Minutes 25 Seconds East 94.6 feet
thence South 62 Degrees 21 Minutes 04 Seconds East 118.9 feet
thence South 68 Degrees 24 Minutes 48 Seconds East 114.3 feet
thence North 65 Degrees 19 Minutes 22 Seconds East 111.4 feet
thence North 62 Degrees 00 Minutes 19 Seconds East 120.1 feet
thence North 53 Degrees 35 Minutes 15 Seconds East 122.6 feet
thence North 60 Degrees 26 Minutes 17 Seconds East 124.3 feet
thence North 57 Degrees 58 Minutes 03 Seconds East 131.1 feet
thence North 62 Degrees 01 Minutes 48 Seconds East 102.5 feet
thence South 79 Degrees 19 Minutes 16 Seconds East 77.3 feet
thence South 48 Degrees 32 Minutes 52 Seconds East 110.8 feet
thence South 40 Degrees 26 Minutes 13 Seconds East 113.7 feet
thence South 33 Degrees 46 Minutes 08 Seconds East 117.9 feet
thence South 34 Degrees 21 Minutes 00 Seconds East 118.8 feet
thence South 30 Degrees 33 Minutes 38 Seconds East 112 feet
thence South 31 Degrees 52 Minutes 56 Seconds East 109.7 feet
thence South 33 Degrees 12 Minutes 51 Seconds East 89.9 feet
thence South 42 Degrees 24 Minutes 02 Seconds East 50.8 feet
thence North 35 Degrees 27 Minutes 26 Seconds East 44.5 feet
thence North 11 Degrees 30 Minutes 43 Seconds West 100.3 feet
thence North 15 Degrees 04 Minutes 20 Seconds West 130.6 feet
thence North 20 Degrees 21 Minutes 28 Seconds West 124 feet
thence North 07 Degrees 27 Minutes 21 Seconds West 119 feet
thence North 42 Degrees 11 Minutes 39 Seconds West 90.3 feet
thence North 10 Degrees 28 Minutes 00 Seconds West 81.7 feet
thence South 64 Degrees 53 Minutes 15 Seconds East 80.2 feet
thence South 37 Degrees 59 Minutes 03 Seconds East 143 feet
thence South 42 Degrees 09 Minutes 42 Seconds East 151.9 feet
thence South 45 Degrees 37 Minutes 06 Seconds East 50.8 feet
thence South 45 Degrees 37 Minutes 27 Seconds East 63.4 feet
thence South 70 Degrees 06 Minutes 28 Seconds East 52.2 feet
thence North 04 Degrees 42 Minutes 41 Seconds East 56 feet

thence North 38 Degrees 24 Minutes 33 Seconds West 131.3 feet
thence North 19 Degrees 07 Minutes 28 Seconds West 66.3 feet
thence North 19 Degrees 05 Minutes 54 Seconds West 100 feet
thence North 08 Degrees 52 Minutes 02 Seconds West 164.2 feet
thence North 02 Degrees 50 Minutes 21 Seconds West 103.4 feet more or less to **the ending point at:** 39 degrees 24 minutes 16.85 seconds North Latitude and -109 degrees 08 minutes 04.63 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,308,700.9 feet and Y = 6,960,725.8 feet.

**Appendix R to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 048**
**Road-Segment Length: 1.75 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 16 South Range 25 East, Section(s) 22,23, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 048 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 24 minutes 16.85 seconds North Latitude and -109 degrees 08 minutes 04.63 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,308,700.9 feet and Y = 6,960,725.8 feet; thence the following courses along the said road center line:

thence North 02 Degrees 32 Minutes 00 Seconds West 42.7 feet
thence North 16 Degrees 48 Minutes 28 Seconds West 154 feet
thence North 31 Degrees 39 Minutes 32 Seconds West 146 feet
thence North 56 Degrees 57 Minutes 50 Seconds West 119.3 feet
thence North 04 Degrees 04 Minutes 49 Seconds East 69.1 feet
thence South 74 Degrees 14 Minutes 23 Seconds East 88.8 feet
thence South 82 Degrees 06 Minutes 03 Seconds East 114.6 feet
thence North 81 Degrees 38 Minutes 14 Seconds East 62.2 feet
thence North 81 Degrees 39 Minutes 40 Seconds East 43.6 feet
thence South 53 Degrees 17 Minutes 42 Seconds East 81.7 feet
thence South 38 Degrees 50 Minutes 51 Seconds East 102.7 feet

thence South 60 Degrees 55 Minutes 07 Seconds East 86.9 feet
thence South 56 Degrees 04 Minutes 54 Seconds East 93.3 feet
thence South 61 Degrees 19 Minutes 07 Seconds East 64.3 feet
thence North 72 Degrees 08 Minutes 36 Seconds East 49 feet
thence North 41 Degrees 32 Minutes 32 Seconds West 41.4 feet
thence North 55 Degrees 03 Minutes 58 Seconds West 108 feet
thence North 43 Degrees 45 Minutes 15 Seconds West 126.5 feet
thence North 23 Degrees 02 Minutes 01 Seconds West 87.1 feet
thence North 55 Degrees 31 Minutes 05 Seconds East 70.1 feet
thence South 43 Degrees 20 Minutes 46 Seconds East 96.5 feet
thence South 63 Degrees 13 Minutes 31 Seconds East 126 feet
thence South 61 Degrees 25 Minutes 17 Seconds East 125.6 feet
thence South 26 Degrees 09 Minutes 55 Seconds East 87.5 feet
thence South 04 Degrees 11 Minutes 41 Seconds West 116.8 feet
thence South 08 Degrees 16 Minutes 17 Seconds East 129.2 feet
thence South 12 Degrees 47 Minutes 20 Seconds East 144.5 feet
thence South 04 Degrees 59 Minutes 02 Seconds West 108.7 feet
thence South 06 Degrees 15 Minutes 38 Seconds West 89.2 feet
thence South 08 Degrees 00 Minutes 46 Seconds West 134.3 feet
thence South 01 Degrees 03 Minutes 41 Seconds East 113.2 feet
thence South 81 Degrees 24 Minutes 52 Seconds East 105.8 feet
thence North 63 Degrees 13 Minutes 28 Seconds East 132.6 feet
thence North 72 Degrees 09 Minutes 14 Seconds East 125.4 feet
thence South 88 Degrees 35 Minutes 17 Seconds East 107.9 feet
thence North 61 Degrees 48 Minutes 07 Seconds East 80.7 feet
thence North 37 Degrees 42 Minutes 21 Seconds East 89.6 feet
thence North 48 Degrees 10 Minutes 25 Seconds East 52 feet
thence North 74 Degrees 41 Minutes 30 Seconds East 63.5 feet
thence North 86 Degrees 29 Minutes 21 Seconds East 88.7 feet
thence South 88 Degrees 05 Minutes 19 Seconds East 125.8 feet
thence South 85 Degrees 12 Minutes 09 Seconds East 128.5 feet
thence South 70 Degrees 50 Minutes 16 Seconds East 98.3 feet
thence South 36 Degrees 15 Minutes 13 Seconds East 99.3 feet
thence South 60 Degrees 49 Minutes 40 Seconds East 73.3 feet
thence North 04 Degrees 12 Minutes 58 Seconds West 78.9 feet
thence North 30 Degrees 28 Minutes 56 Seconds West 129 feet
thence North 34 Degrees 32 Minutes 47 Seconds West 148.8 feet
thence North 47 Degrees 33 Minutes 40 Seconds West 137.7 feet
thence North 57 Degrees 06 Minutes 18 Seconds West 98.8 feet
thence North 43 Degrees 15 Minutes 13 Seconds West 40.3 feet
thence North 25 Degrees 00 Minutes 55 Seconds East 34.5 feet
thence North 77 Degrees 08 Minutes 25 Seconds East 30.2 feet
thence North 89 Degrees 40 Minutes 08 Seconds East 98 feet
thence South 84 Degrees 39 Minutes 34 Seconds East 33.2 feet
thence South 81 Degrees 52 Minutes 30 Seconds East 66.9 feet
thence South 63 Degrees 19 Minutes 34 Seconds East 130.1 feet
thence South 44 Degrees 07 Minutes 34 Seconds East 152.3 feet
thence South 46 Degrees 41 Minutes 41 Seconds East 97.5 feet
thence South 44 Degrees 33 Minutes 24 Seconds East 20.6 feet

thence South 59 Degrees 04 Minutes 13 Seconds East 34.8 feet
thence North 78 Degrees 21 Minutes 33 Seconds East 33.5 feet
thence North 06 Degrees 30 Minutes 42 Seconds East 39.7 feet
thence North 23 Degrees 09 Minutes 27 Seconds West 39.2 feet
thence North 27 Degrees 49 Minutes 56 Seconds West 123.9 feet
thence North 14 Degrees 53 Minutes 34 Seconds West 149.1 feet
thence North 10 Degrees 10 Minutes 34 Seconds West 103.2 feet
thence North 54 Degrees 29 Minutes 08 Seconds East 74 feet
thence South 89 Degrees 05 Minutes 07 Seconds East 75.5 feet
thence South 64 Degrees 52 Minutes 03 Seconds East 19.1 feet
thence South 66 Degrees 43 Minutes 15 Seconds East 94.2 feet
thence South 57 Degrees 29 Minutes 26 Seconds East 130.1 feet
thence South 72 Degrees 31 Minutes 31 Seconds East 118 feet
thence South 83 Degrees 54 Minutes 57 Seconds East 102.8 feet
thence South 21 Degrees 51 Minutes 33 Seconds East 102.3 feet
thence South 16 Degrees 58 Minutes 23 Seconds East 126.7 feet
thence South 08 Degrees 10 Minutes 01 Seconds East 97.7 feet
thence South 27 Degrees 30 Minutes 21 Seconds West 115 feet
thence South 10 Degrees 57 Minutes 10 Seconds West 140.5 feet
thence South 03 Degrees 23 Minutes 18 Seconds East 134.7 feet
thence South 22 Degrees 05 Minutes 37 Seconds East 136 feet
thence South 07 Degrees 46 Minutes 59 Seconds East 143.9 feet
thence South 03 Degrees 18 Minutes 04 Seconds West 113.4 feet
thence South 07 Degrees 56 Minutes 41 Seconds West 91.2 feet
thence South 09 Degrees 23 Minutes 26 Seconds East 121.3 feet
thence South 32 Degrees 14 Minutes 38 Seconds East 112.1 feet
thence South 20 Degrees 31 Minutes 05 Seconds East 150.3 feet
thence South 05 Degrees 37 Minutes 15 Seconds East 177.9 feet
thence South 01 Degrees 26 Minutes 20 Seconds East 149.3 feet
thence South 43 Degrees 06 Minutes 17 Seconds East 138.6 feet
thence South 21 Degrees 53 Minutes 34 Seconds East 109.4 feet
thence South 38 Degrees 23 Minutes 19 Seconds West 147.2 feet
thence South 27 Degrees 01 Minutes 02 Seconds West 79.4 feet more or less to **the ending point at:** 39 degrees 23 minutes 54.52 seconds North Latitude and -109 degrees 07 minutes 30.06 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,311,473.2 feet and Y = 6,958,538.7 feet.

**Appendix S to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 049**
**Road-Segment Length: 1.13 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 16 South Range 25 East, Section(s) 23,26, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 049 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 23 minutes 54.52 seconds North Latitude and -109 degrees 07 minutes 30.06 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,311,473.2 feet and Y = 6,958,538.7 feet; thence the following courses along the said road center line:

thence South 26 Degrees 51 Minutes 09 Seconds West 51.6 feet
thence South 32 Degrees 52 Minutes 28 Seconds East 167.4 feet
thence South 56 Degrees 21 Minutes 35 Seconds East 140.9 feet
thence South 43 Degrees 29 Minutes 13 Seconds East 94.4 feet
thence South 16 Degrees 44 Minutes 49 Seconds West 123.6 feet
thence South 38 Degrees 59 Minutes 07 Seconds West 165.4 feet
thence South 28 Degrees 22 Minutes 31 Seconds West 181.4 feet
thence South 28 Degrees 55 Minutes 33 Seconds West 199.3 feet
thence South 16 Degrees 47 Minutes 23 Seconds West 166.5 feet
thence South 21 Degrees 53 Minutes 37 Seconds East 153.5 feet
thence South 33 Degrees 21 Minutes 17 Seconds East 176.1 feet

thence South 09 Degrees 32 Minutes 07 Seconds East 162.9 feet
thence South 07 Degrees 35 Minutes 49 Seconds East 52.9 feet
thence South 07 Degrees 34 Minutes 29 Seconds East 125.7 feet
thence South 39 Degrees 35 Minutes 25 Seconds East 110.2 feet
thence South 09 Degrees 46 Minutes 18 Seconds West 55 feet
thence South 11 Degrees 43 Minutes 51 Seconds East 164 feet
thence South 17 Degrees 24 Minutes 12 Seconds West 179.1 feet
thence South 12 Degrees 58 Minutes 02 Seconds West 185.4 feet
thence South 10 Degrees 33 Minutes 33 Seconds West 167.1 feet
thence South 05 Degrees 53 Minutes 03 Seconds East 178 feet
thence South 02 Degrees 15 Minutes 03 Seconds East 177.3 feet
thence South 11 Degrees 20 Minutes 16 Seconds West 159.1 feet
thence South 06 Degrees 19 Minutes 08 Seconds West 145.3 feet
thence South 07 Degrees 07 Minutes 19 Seconds West 140.6 feet
thence South 21 Degrees 43 Minutes 28 Seconds West 109.7 feet
thence South 44 Degrees 15 Minutes 33 Seconds West 142.8 feet
thence South 40 Degrees 45 Minutes 37 Seconds West 176.3 feet
thence South 45 Degrees 08 Minutes 18 Seconds West 175.4 feet
thence South 53 Degrees 40 Minutes 42 Seconds West 178.7 feet
thence South 72 Degrees 32 Minutes 35 Seconds West 144.8 feet
thence South 62 Degrees 03 Minutes 20 Seconds West 120.3 feet
thence South 17 Degrees 43 Minutes 45 Seconds West 119.1 feet
thence South 11 Degrees 25 Minutes 14 Seconds East 108.7 feet
thence South 01 Degrees 14 Minutes 24 Seconds East 142.7 feet
thence South 22 Degrees 59 Minutes 51 Seconds West 126.8 feet
thence South 15 Degrees 57 Minutes 18 Seconds West 126.5 feet
thence South 08 Degrees 59 Minutes 59 Seconds West 169.6 feet
thence South 00 Degrees 39 Minutes 38 Seconds East 142.7 feet
thence South 03 Degrees 20 Minutes 38 Seconds East 124.8 feet
thence South 02 Degrees 31 Minutes 46 Seconds East 101.8 feet
thence South 01 Degrees 13 Minutes 06 Seconds West 83.7 feet
thence South 15 Degrees 48 Minutes 46 Seconds West 64.9 feet more or less to **the ending point at:** 39 degrees 23 minutes 02.76 seconds North Latitude and -109 degrees 07 minutes 43.09 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,310,589.5 feet and Y = 6,953,277.6 feet.

**Appendix T to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 050**
**Road-Segment Lengtb: 0.78 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 16 South Range 25 East, Section(s) 26,35, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 050 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 23 minutes 02.76 seconds North Latitude and -109 degrees 07 minutes 43.09 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,310,589.5 feet and Y = 6,953,277.6 feet; thence the following courses along the said road center line:

thence South 16 Degrees 31 Minutes 04 Seconds West 12 feet
thence South 07 Degrees 02 Minutes 45 Seconds West 94.3 feet
thence South 10 Degrees 18 Minutes 31 Seconds East 81.6 feet
thence South 03 Degrees 35 Minutes 00 Seconds East 144.6 feet
thence South 07 Degrees 29 Minutes 23 Seconds West 150.7 feet
thence South 22 Degrees 27 Minutes 03 Seconds West 153 feet
thence South 40 Degrees 17 Minutes 30 Seconds West 157.8 feet
thence South 32 Degrees 54 Minutes 01 Seconds West 113.7 feet
thence South 03 Degrees 21 Minutes 35 Seconds West 51 feet
thence South 07 Degrees 16 Minutes 22 Seconds East 132.2 feet
thence South 19 Degrees 19 Minutes 56 Seconds East 119.7 feet

thence South 15 Degrees 39 Minutes 44 Seconds East 69.7 feet
thence South 07 Degrees 55 Minutes 35 Seconds West 122.7 feet
thence South 19 Degrees 55 Minutes 01 Seconds West 141.6 feet
thence South 22 Degrees 58 Minutes 24 Seconds West 116.1 feet
thence South 27 Degrees 33 Minutes 56 Seconds West 63.1 feet
thence South 18 Degrees 21 Minutes 57 Seconds West 18.1 feet
thence South 18 Degrees 23 Minutes 58 Seconds West 120.5 feet
thence South 05 Degrees 46 Minutes 17 Seconds West 171.6 feet
thence South 14 Degrees 06 Minutes 50 Seconds East 140.2 feet
thence South 44 Degrees 31 Minutes 04 Seconds East 91.5 feet
thence South 45 Degrees 30 Minutes 15 Seconds East 100.1 feet
thence South 18 Degrees 02 Minutes 39 Seconds West 110.6 feet
thence North 79 Degrees 00 Minutes 09 Seconds West 116.9 feet
thence North 84 Degrees 20 Minutes 51 Seconds West 94.4 feet
thence South 65 Degrees 48 Minutes 29 Seconds West 93.3 feet
thence South 39 Degrees 49 Minutes 18 Seconds West 128.8 feet
thence South 22 Degrees 47 Minutes 02 Seconds West 124.9 feet
thence South 42 Degrees 16 Minutes 57 Seconds West 86.9 feet
thence South 68 Degrees 37 Minutes 29 Seconds West 109.6 feet
thence South 62 Degrees 01 Minutes 16 Seconds West 141.4 feet
thence South 68 Degrees 57 Minutes 55 Seconds West 139.2 feet
thence South 49 Degrees 14 Minutes 32 Seconds West 116.4 feet
thence South 03 Degrees 20 Minutes 05 Seconds East 113.3 feet
thence South 14 Degrees 15 Minutes 35 Seconds East 109.9 feet
thence South 02 Degrees 13 Minutes 14 Seconds East 93.6 feet
thence South 03 Degrees 18 Minutes 08 Seconds West 93.7 feet
thence South 12 Degrees 39 Minutes 46 Seconds West 87.5 feet
thence South 31 Degrees 37 Minutes 57 Seconds West 9.7 feet more or less to **the ending point at:** 39 degrees 22 minutes 30.34 seconds North Latitude and -109 degrees 07 minutes 58.81 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,309,442.7 feet and Y = 6,949,965.4 feet.

**Appendix U to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 051**
**Road-Segment Length: 0.42 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 16 South Range 25 East, Section(s) 34,35, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 051 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 22 minutes 30.34 seconds North Latitude and -109 degrees 07 minutes 58.81 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,309,442.7 feet and Y = 6,949,965.4 feet; thence the following courses along the said road center line:

thence South 29 Degrees 08 Minutes 36 Seconds West 94.2 feet
thence South 39 Degrees 51 Minutes 34 Seconds West 107.4 feet
thence South 42 Degrees 53 Minutes 14 Seconds West 144.1 feet
thence South 49 Degrees 52 Minutes 13 Seconds West 161.5 feet
thence South 26 Degrees 22 Minutes 31 Seconds West 124.5 feet
thence South 26 Degrees 22 Minutes 04 Seconds West 18.8 feet
thence South 33 Degrees 12 Minutes 32 Seconds East 16.7 feet
thence South 33 Degrees 13 Minutes 22 Seconds East 106.4 feet
thence South 47 Degrees 41 Minutes 16 Seconds East 116.2 feet
thence South 27 Degrees 10 Minutes 22 Seconds West 111 feet
thence South 72 Degrees 38 Minutes 43 Seconds West 90.1 feet

thence South 72 Degrees 40 Minutes 32 Seconds West 27.6 feet
thence South 55 Degrees 31 Minutes 37 Seconds West 99.4 feet
thence South 23 Degrees 55 Minutes 05 Seconds West 154.7 feet
thence South 00 Degrees 14 Minutes 40 Seconds East 129.6 feet
thence South 17 Degrees 42 Minutes 58 Seconds East 139.2 feet
thence South 12 Degrees 55 Minutes 16 Seconds East 141.2 feet
thence South 22 Degrees 12 Minutes 43 Seconds East 132.6 feet
thence South 27 Degrees 58 Minutes 33 Seconds East 98.1 feet
thence South 27 Degrees 01 Minutes 55 Seconds East 49.7 feet
thence South 27 Degrees 02 Minutes 16 Seconds East 23.8 feet
thence South 03 Degrees 36 Minutes 55 Seconds East 100.2 feet
thence South 54 Degrees 17 Minutes 07 Seconds West 16.9 feet
thence South 54 Degrees 14 Minutes 43 Seconds West 5.7 feet more or less to **the ending point at:** 39 degrees 22 minutes 12.61 seconds North Latitude and -109 degrees 08 minutes 04.03 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,309,080.5 feet and Y = 6,948,162.1 feet.

**Appendix V to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 052**
**Road-Segment Length: 0.78 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 16 South Range 25 East, Section(s) 34, Salt Lake Base & Meridian
Township 17 South Range 25 East, Section(s) 3, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 052 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 22 minutes 12.61 seconds North Latitude and -109 degrees 08 minutes 04.03 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,309,080.5 feet and Y = 6,948,162.1 feet; thence the following courses along the said road center line:

thence South 53 Degrees 57 Minutes 41 Seconds West 64.6 feet
thence South 54 Degrees 26 Minutes 16 Seconds West 42.7 feet
thence South 68 Degrees 47 Minutes 09 Seconds West 156.5 feet
thence South 68 Degrees 27 Minutes 28 Seconds West 140.6 feet
thence South 43 Degrees 55 Minutes 06 Seconds West 109.9 feet
thence South 07 Degrees 48 Minutes 01 Seconds West 137.5 feet
thence South 05 Degrees 08 Minutes 26 Seconds West 133.5 feet
thence South 03 Degrees 18 Minutes 01 Seconds West 113.4 feet
thence South 08 Degrees 37 Minutes 58 Seconds West 132.9 feet
thence South 25 Degrees 02 Minutes 33 Seconds West 114.4 feet

thence South 27 Degrees 32 Minutes 04 Seconds West 72.4 feet
thence South 29 Degrees 40 Minutes 42 Seconds West 109.9 feet
thence South 29 Degrees 07 Minutes 54 Seconds West 145.1 feet
thence South 03 Degrees 17 Minutes 04 Seconds West 123.3 feet
thence South 22 Degrees 53 Minutes 42 Seconds East 87 feet
thence South 28 Degrees 49 Minutes 29 Seconds East 93.3 feet
thence South 12 Degrees 31 Minutes 13 Seconds East 25.2 feet
thence South 18 Degrees 46 Minutes 00 Seconds East 5.2 feet
thence South 21 Degrees 34 Minutes 34 Seconds West 65.4 feet
thence South 22 Degrees 08 Minutes 51 Seconds West 103 feet
thence South 60 Degrees 36 Minutes 03 Seconds West 145.2 feet
thence South 76 Degrees 01 Minutes 18 Seconds West 125.2 feet
thence South 82 Degrees 16 Minutes 07 Seconds West 127.4 feet
thence South 73 Degrees 08 Minutes 19 Seconds West 132.6 feet
thence South 30 Degrees 19 Minutes 27 Seconds West 99.5 feet
thence South 30 Degrees 20 Minutes 13 Seconds West 49.2 feet
thence South 07 Degrees 01 Minutes 30 Seconds West 148.9 feet
thence South 18 Degrees 25 Minutes 35 Seconds East 143.2 feet
thence South 01 Degrees 29 Minutes 27 Seconds East 141.1 feet
thence South 42 Degrees 07 Minutes 36 Seconds West 124.5 feet
thence South 69 Degrees 20 Minutes 00 Seconds West 113.3 feet
thence North 89 Degrees 11 Minutes 09 Seconds West 82 feet
thence South 50 Degrees 08 Minutes 05 Seconds West 92.8 feet
thence South 07 Degrees 21 Minutes 55 Seconds East 117.4 feet
thence South 03 Degrees 46 Minutes 59 Seconds East 105.2 feet
thence South 04 Degrees 11 Minutes 50 Seconds East 121.7 feet
thence South 11 Degrees 56 Minutes 35 Seconds East 140.7 feet
thence South 00 Degrees 08 Minutes 44 Seconds West 98.4 feet
thence South 04 Degrees 27 Minutes 31 Seconds West 34.6 feet more or less to **the ending point at:** 39 degrees 21 minutes 42 seconds North Latitude and -109 degrees 08 minutes 24.42 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,307,561.6 feet and Y = 6,945,023.3 feet.

**Appendix W to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 053**
**Road-Segment Length: 0.48 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 17 South Range 25 East, Section(s) 3, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 053 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 21 minutes 42 seconds North Latitude and -109 degrees 08 minutes 24.42 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,307,561.6 feet and Y = 6,945,023.3 feet; thence the following courses along the said road center line:

thence South 01 Degrees 38 Minutes 27 Seconds West 29.5 feet
thence South 07 Degrees 09 Minutes 05 Seconds West 195.2 feet
thence South 25 Degrees 53 Minutes 01 Seconds West 182.9 feet
thence South 27 Degrees 45 Minutes 31 Seconds West 213.8 feet
thence South 24 Degrees 10 Minutes 51 Seconds West 225.4 feet
thence South 26 Degrees 25 Minutes 37 Seconds West 216.8 feet
thence South 32 Degrees 11 Minutes 22 Seconds West 194.6 feet
thence South 30 Degrees 53 Minutes 07 Seconds West 203.3 feet
thence South 29 Degrees 28 Minutes 30 Seconds West 217.4 feet
thence South 34 Degrees 35 Minutes 14 Seconds West 212.1 feet
thence South 44 Degrees 31 Minutes 13 Seconds West 171.2 feet

thence South 25 Degrees 51 Minutes 46 Seconds West 140.8 feet
thence South 12 Degrees 33 Minutes 27 Seconds West 159.9 feet
thence South 14 Degrees 35 Minutes 41 Seconds West 129 feet
thence South 16 Degrees 39 Minutes 31 Seconds West 30.9 feet more or less to **the ending point at:** 39 degrees 21 minutes 20.16 seconds North Latitude and -109 degrees 08 minutes 39 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,306,475.2 feet and Y = 6,942,784.3 feet.

**Appendix X to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 054**
**Road-Segment Length: 1.03 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 17 South Range 25 East, Section(s) 3,4,9, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 054 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 21 minutes 20.16 seconds North Latitude and -109 degrees 08 minutes 39 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,306,475.2 feet and Y = 6,942,784.3 feet; thence the following courses along the said road center line:

thence South 16 Degrees 44 Minutes 55 Seconds West 18.9 feet
thence South 21 Degrees 00 Minutes 17 Seconds West 169.1 feet
thence South 48 Degrees 59 Minutes 12 Seconds West 163.6 feet
thence South 53 Degrees 22 Minutes 57 Seconds West 112.5 feet
thence South 53 Degrees 22 Minutes 57 Seconds West 48.2 feet
thence South 12 Degrees 19 Minutes 51 Seconds West 158 feet
thence South 00 Degrees 59 Minutes 23 Seconds East 177.2 feet
thence South 04 Degrees 07 Minutes 56 Seconds West 171.1 feet
thence South 27 Degrees 20 Minutes 20 Seconds West 161.2 feet
thence South 33 Degrees 12 Minutes 33 Seconds West 175.2 feet
thence South 28 Degrees 02 Minutes 48 Seconds West 167.8 feet

thence South 51 Degrees 54 Minutes 27 Seconds West 155.4 feet
thence South 51 Degrees 15 Minutes 46 Seconds West 145.2 feet
thence South 25 Degrees 04 Minutes 13 Seconds West 163.4 feet
thence South 15 Degrees 26 Minutes 55 Seconds West 156.8 feet
thence South 01 Degrees 20 Minutes 35 Seconds East 139.5 feet
thence South 08 Degrees 50 Minutes 02 Seconds East 93.6 feet
thence South 08 Degrees 49 Minutes 52 Seconds East 32.4 feet
thence South 11 Degrees 21 Minutes 41 Seconds East 98.6 feet
thence South 13 Degrees 08 Minutes 55 Seconds East 26.9 feet
thence South 10 Degrees 14 Minutes 10 Seconds East 104.9 feet
thence South 10 Degrees 27 Minutes 10 Seconds East 245 feet
thence South 11 Degrees 37 Minutes 36 Seconds East 120.4 feet
thence South 08 Degrees 59 Minutes 42 Seconds West 736.5 feet
thence South 32 Degrees 18 Minutes 19 Seconds West 171.4 feet
thence South 26 Degrees 55 Minutes 52 Seconds West 166.1 feet
thence South 02 Degrees 55 Minutes 03 Seconds East 159.3 feet
thence South 15 Degrees 09 Minutes 31 Seconds East 173.1 feet
thence South 00 Degrees 19 Minutes 56 Seconds East 170.6 feet
thence South 01 Degrees 16 Minutes 17 Seconds West 8.2 feet
thence South 00 Degrees 58 Minutes 21 Seconds East 167.3 feet
thence South 25 Degrees 05 Minutes 14 Seconds East 162.6 feet
thence South 44 Degrees 29 Minutes 30 Seconds East 169.2 feet
thence South 52 Degrees 58 Minutes 42 Seconds East 202.8 feet
thence South 57 Degrees 10 Minutes 36 Seconds East 161 feet more or less to **the ending point at:** 39 degrees 20 minutes 32.64 seconds North Latitude and -109 degrees 08 minutes 47.76 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,305,913.5 feet and Y = 6,937,960.2 feet.

**Appendix Y to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 056**
**Road-Segment Length: 1.16 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 17 South Range 25 East, Section(s) 14,15, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 056 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 19 minutes 53.47 seconds North Latitude and -109 degrees 08 minutes 30.88 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,307,343.9 feet and Y = 6,934,034.1 feet; thence the following courses along the said road center line:

thence South 53 Degrees 15 Minutes 19 Seconds East 168.6 feet
thence South 58 Degrees 48 Minutes 02 Seconds East 172.5 feet
thence South 63 Degrees 41 Minutes 27 Seconds East 76.8 feet
thence South 63 Degrees 46 Minutes 03 Seconds East 110 feet
thence South 59 Degrees 33 Minutes 03 Seconds East 201.9 feet
thence South 55 Degrees 07 Minutes 41 Seconds East 193.5 feet
thence South 51 Degrees 33 Minutes 16 Seconds East 188.6 feet
thence South 55 Degrees 46 Minutes 24 Seconds East 112.8 feet
thence South 54 Degrees 54 Minutes 05 Seconds East 82.1 feet
thence South 66 Degrees 16 Minutes 56 Seconds East 217.4 feet
thence South 69 Degrees 17 Minutes 01 Seconds East 237.5 feet

thence South 69 Degrees 24 Minutes 14 Seconds East 229.6 feet
thence South 69 Degrees 26 Minutes 30 Seconds East 220.8 feet
thence South 68 Degrees 21 Minutes 23 Seconds East 223.6 feet
thence South 67 Degrees 18 Minutes 27 Seconds East 239.1 feet
thence South 63 Degrees 18 Minutes 06 Seconds East 79.4 feet
thence South 64 Degrees 14 Minutes 14 Seconds East 179 feet
thence South 62 Degrees 41 Minutes 58 Seconds East 265.3 feet
thence South 62 Degrees 21 Minutes 52 Seconds East 258.8 feet
thence South 62 Degrees 26 Minutes 26 Seconds East 249 feet
thence South 62 Degrees 14 Minutes 03 Seconds East 236.8 feet
thence South 62 Degrees 27 Minutes 48 Seconds East 221.1 feet
thence South 62 Degrees 09 Minutes 04 Seconds East 204.9 feet
thence South 61 Degrees 59 Minutes 04 Seconds East 200.4 feet
thence South 62 Degrees 28 Minutes 31 Seconds East 203.6 feet
thence South 62 Degrees 00 Minutes 08 Seconds East 214.3 feet
thence South 61 Degrees 26 Minutes 46 Seconds East 4.3 feet
thence South 61 Degrees 33 Minutes 35 Seconds East 230.8 feet
thence South 61 Degrees 09 Minutes 15 Seconds East 235.5 feet
thence South 62 Degrees 24 Minutes 41 Seconds East 150.6 feet
thence South 61 Degrees 34 Minutes 27 Seconds East 64.8 feet
thence South 61 Degrees 38 Minutes 33 Seconds East 187.9 feet
thence South 61 Degrees 25 Minutes 39 Seconds East 152.7 feet
thence South 63 Degrees 23 Minutes 36 Seconds East 112.2 feet more or less to **the ending point at:** 39 degrees 19 minutes 24.15 seconds North Latitude and -109 degrees 07 minutes 22.91 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,312,761.2 feet and Y = 6,931,209.5 feet.

**Appendix Z to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 057**
**Road-Segment Length: 3.68 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 17 South Range 25 East, Section(s) 14,23,24,25, Salt Lake Base & Meridian
Township 17 South Range 26 East, Section(s) 29,30, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 057 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 19 minutes 24.15 seconds Northb Latitude and -109 degrees 07 minutes 22.91 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,312,761.2 feet and Y = 6,931,209.5 feet; thence the following courses along the said road center line:

thence South 57 Degrees 42 Minutes 49 Seconds East 73 feet
thence South 61 Degrees 50 Minutes 46 Seconds East 147.9 feet
thence South 61 Degrees 37 Minutes 37 Seconds East 157.1 feet
thence South 61 Degrees 15 Minutes 59 Seconds East 155.3 feet
thence South 60 Degrees 34 Minutes 47 Seconds East 56.2 feet
thence South 67 Degrees 44 Minutes 30 Seconds East 226.3 feet
thence South 74 Degrees 08 Minutes 56 Seconds East 229.5 feet
thence South 76 Degrees 24 Minutes 16 Seconds East 211.3 feet
thence South 76 Degrees 02 Minutes 17 Seconds East 199.3 feet
thence South 76 Degrees 33 Minutes 16 Seconds East 199.7 feet

thence South 76 Degrees 04 Minutes 11 Seconds East 213.1 feet
thence South 76 Degrees 38 Minutes 53 Seconds East 242.7 feet
thence South 76 Degrees 11 Minutes 49 Seconds East 238.1 feet
thence South 76 Degrees 11 Minutes 26 Seconds East 17.2 feet
thence South 76 Degrees 07 Minutes 07 Seconds East 240.5 feet
thence South 74 Degrees 57 Minutes 04 Seconds East 74.2 feet
thence South 75 Degrees 54 Minutes 28 Seconds East 138.3 feet
thence South 64 Degrees 42 Minutes 25 Seconds East 223.8 feet
thence South 55 Degrees 22 Minutes 20 Seconds East 251.9 feet
thence South 54 Degrees 16 Minutes 56 Seconds East 270.4 feet
thence South 54 Degrees 21 Minutes 11 Seconds East 279.2 feet
thence South 54 Degrees 31 Minutes 31 Seconds East 283.2 feet
thence South 55 Degrees 34 Minutes 17 Seconds East 66.2 feet
thence South 55 Degrees 12 Minutes 33 Seconds East 213.8 feet
thence South 54 Degrees 39 Minutes 15 Seconds East 278.4 feet
thence South 54 Degrees 35 Minutes 02 Seconds East 154 feet
thence South 54 Degrees 35 Minutes 08 Seconds East 115.6 feet
thence South 54 Degrees 59 Minutes 47 Seconds East 260.9 feet
thence South 55 Degrees 35 Minutes 01 Seconds East 264.8 feet
thence South 53 Degrees 02 Minutes 48 Seconds East 16.2 feet
thence South 55 Degrees 32 Minutes 01 Seconds East 247.2 feet
thence South 55 Degrees 07 Minutes 59 Seconds East 259 feet
thence South 54 Degrees 57 Minutes 30 Seconds East 255 feet
thence South 55 Degrees 00 Minutes 58 Seconds East 252.5 feet
thence South 54 Degrees 36 Minutes 04 Seconds East 258.4 feet
thence South 54 Degrees 29 Minutes 12 Seconds East 268.9 feet
thence South 54 Degrees 03 Minutes 16 Seconds East 277.2 feet
thence South 54 Degrees 24 Minutes 17 Seconds East 279.6 feet
thence South 54 Degrees 25 Minutes 59 Seconds East 271.4 feet
thence South 54 Degrees 32 Minutes 45 Seconds East 258.1 feet
thence South 53 Degrees 52 Minutes 35 Seconds East 256.7 feet
thence South 54 Degrees 24 Minutes 48 Seconds East 260.1 feet
thence South 54 Degrees 16 Minutes 02 Seconds East 192.3 feet
thence South 54 Degrees 00 Minutes 23 Seconds East 66.5 feet
thence South 52 Degrees 55 Minutes 18 Seconds East 270 feet
thence South 52 Degrees 01 Minutes 29 Seconds East 272.6 feet
thence South 51 Degrees 02 Minutes 09 Seconds East 277.1 feet
thence South 51 Degrees 37 Minutes 05 Seconds East 264.9 feet
thence South 52 Degrees 35 Minutes 24 Seconds East 249.2 feet
thence South 53 Degrees 44 Minutes 41 Seconds East 233.9 feet
thence South 55 Degrees 25 Minutes 01 Seconds East 255.1 feet
thence South 55 Degrees 44 Minutes 56 Seconds East 277.4 feet
thence South 56 Degrees 14 Minutes 51 Seconds East 263.4 feet
thence South 55 Degrees 55 Minutes 08 Seconds East 102.9 feet
thence South 55 Degrees 56 Minutes 22 Seconds East 42.2 feet
thence South 56 Degrees 01 Minutes 52 Seconds East 63.9 feet
thence South 56 Degrees 02 Minutes 40 Seconds East 32.2 feet
thence South 55 Degrees 57 Minutes 18 Seconds East 246.9 feet
thence South 55 Degrees 35 Minutes 25 Seconds East 247.5 feet

thence South 55 Degrees 39 Minutes 03 Seconds East 236.4 feet
thence South 55 Degrees 27 Minutes 01 Seconds East 223.7 feet
thence South 55 Degrees 24 Minutes 51 Seconds East 212.1 feet
thence South 55 Degrees 03 Minutes 01 Seconds East 167.6 feet
thence South 54 Degrees 20 Minutes 59 Seconds East 159.1 feet
thence South 55 Degrees 39 Minutes 54 Seconds East 147.1 feet
thence South 54 Degrees 39 Minutes 10 Seconds East 160.3 feet
thence South 55 Degrees 00 Minutes 08 Seconds East 158.9 feet
thence South 54 Degrees 18 Minutes 29 Seconds East 159 feet
thence South 54 Degrees 31 Minutes 36 Seconds East 154.2 feet
thence South 54 Degrees 46 Minutes 26 Seconds East 149.5 feet
thence South 54 Degrees 20 Minutes 55 Seconds East 156.3 feet
thence South 54 Degrees 46 Minutes 09 Seconds East 163.6 feet
thence South 54 Degrees 45 Minutes 05 Seconds East 172 feet
thence South 55 Degrees 12 Minutes 14 Seconds East 176.7 feet
thence South 54 Degrees 40 Minutes 57 Seconds East 182.9 feet
thence South 55 Degrees 00 Minutes 22 Seconds East 187.2 feet
thence South 54 Degrees 00 Minutes 46 Seconds East 188.3 feet
thence South 50 Degrees 16 Minutes 32 Seconds East 109.6 feet
thence South 51 Degrees 12 Minutes 54 Seconds East 80.6 feet
thence South 46 Degrees 28 Minutes 19 Seconds East 175.2 feet
thence South 43 Degrees 54 Minutes 59 Seconds East 158.5 feet
thence South 43 Degrees 23 Minutes 54 Seconds East 150.4 feet
thence South 42 Degrees 22 Minutes 11 Seconds East 114.8 feet
thence South 44 Degrees 43 Minutes 50 Seconds East 55.1 feet
thence South 37 Degrees 03 Minutes 32 Seconds East 67.5 feet
thence South 45 Degrees 43 Minutes 55 Seconds East 23.4 feet
thence South 40 Degrees 01 Minutes 04 Seconds East 83.1 feet
thence South 38 Degrees 54 Minutes 07 Seconds East 128 feet
thence South 39 Degrees 01 Minutes 16 Seconds East 159.7 feet
thence South 39 Degrees 21 Minutes 38 Seconds East 187.9 feet
thence South 39 Degrees 22 Minutes 38 Seconds East 202.8 feet
thence South 38 Degrees 29 Minutes 57 Seconds East 210.7 feet
thence South 39 Degrees 05 Minutes 06 Seconds East 225.1 feet
thence South 36 Degrees 49 Minutes 00 Seconds East 242.8 feet
thence South 35 Degrees 48 Minutes 47 Seconds East 249.8 feet
thence South 35 Degrees 57 Minutes 27 Seconds East 234.1 feet
thence South 36 Degrees 09 Minutes 21 Seconds East 224.6 feet
thence South 36 Degrees 52 Minutes 30 Seconds East 228.7 feet
thence South 44 Degrees 59 Minutes 13 Seconds East 214.5 feet
thence South 67 Degrees 05 Minutes 07 Seconds East 123.3 feet
thence South 67 Degrees 05 Minutes 47 Seconds East 88.7 feet
thence South 71 Degrees 36 Minutes 44 Seconds East 219.8 feet
thence South 68 Degrees 52 Minutes 15 Seconds East 233.1 feet
thence South 68 Degrees 32 Minutes 24 Seconds East 95.1 feet more or less to **the ending point at:** 39 degrees 17 minutes 31.95 seconds North Latitude and -109 degrees 04 minutes 06.77 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,328,476.8 feet and Y = 6,920,276.2 feet.

**Appendix AA to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 059**
**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 17 South Range 26 East, Section(s) 33, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 059 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 17 minutes 12.98 seconds North Latitude and -109 degrees 03 minutes 06.99 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,333,227.3 feet and Y = 6,918,485.7 feet; thence the following courses along the said road center line:

thence South 64 Degrees 31 Minutes 13 Seconds East 7.8 feet
thence South 64 Degrees 31 Minutes 38 Seconds East 94.3 feet
thence South 64 Degrees 51 Minutes 09 Seconds East 87.7 feet
thence South 80 Degrees 07 Minutes 00 Seconds East 46.2 feet more or less to **the ending point at:** 39 degrees 17 minutes 12.04 seconds North Latitude and -109 degrees 03 minutes 04.26 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,333,444.4 feet and Y = 6,918,396.6 feet.

## Appendix AB to Attachment 4

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 060**
**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 17 South Range 25 East, Section(s) 13,14, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 060 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 19 minutes 24.15 seconds North Latitude and -109 degrees 07 minutes 22.91 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,312,761.2 feet and Y = 6,931,209.5 feet; thence the following courses along the said road center line:

thence North 02 Degrees 58 Minutes 41 Seconds East 46 feet
thence North 13 Degrees 20 Minutes 23 Seconds East 92.9 feet
thence North 23 Degrees 50 Minutes 13 Seconds East 118.7 feet
thence North 38 Degrees 41 Minutes 43 Seconds East 139.4 feet
thence North 57 Degrees 11 Minutes 18 Seconds East 155.8 feet
thence North 63 Degrees 28 Minutes 44 Seconds East 167.3 feet
thence North 63 Degrees 46 Minutes 05 Seconds East 157.7 feet
thence North 62 Degrees 48 Minutes 01 Seconds East 156.1 feet
thence North 64 Degrees 16 Minutes 45 Seconds East 160.7 feet
thence North 65 Degrees 15 Minutes 09 Seconds East 158.8 feet
thence North 54 Degrees 21 Minutes 12 Seconds East 156.1 feet

thence North 48 Degrees 55 Minutes 08 Seconds East 158.3 feet
thence North 50 Degrees 09 Minutes 14 Seconds East 172.7 feet
thence North 47 Degrees 51 Minutes 23 Seconds East 174.7 feet
thence North 33 Degrees 46 Minutes 05 Seconds East 176.3 feet
thence North 33 Degrees 40 Minutes 54 Seconds East 247.4 feet
thence South 83 Degrees 24 Minutes 18 Seconds East 81.6 feet
thence South 77 Degrees 58 Minutes 16 Seconds East 107.3 feet
thence South 76 Degrees 26 Minutes 39 Seconds East 191.4 feet
thence South 75 Degrees 50 Minutes 53 Seconds East 203.3 feet
thence South 76 Degrees 24 Minutes 16 Seconds East 211.3 feet
thence South 76 Degrees 12 Minutes 56 Seconds East 208.5 feet
thence South 75 Degrees 28 Minutes 25 Seconds East 211.1 feet
thence South 73 Degrees 48 Minutes 42 Seconds East 213.4 feet
thence South 72 Degrees 40 Minutes 58 Seconds East 227.2 feet
thence South 74 Degrees 02 Minutes 35 Seconds East 233.9 feet
thence South 74 Degrees 07 Minutes 57 Seconds East 241.1 feet
thence South 75 Degrees 12 Minutes 17 Seconds East 245.1 feet
thence South 77 Degrees 00 Minutes 01 Seconds East 215.1 feet
thence South 76 Degrees 59 Minutes 37 Seconds East 19.6 feet
thence South 76 Degrees 04 Minutes 16 Seconds East 226.4 feet
thence South 75 Degrees 59 Minutes 16 Seconds East 231.7 feet
thence South 76 Degrees 22 Minutes 26 Seconds East 224.4 feet
thence South 76 Degrees 23 Minutes 53 Seconds East 197.5 feet
thence South 77 Degrees 05 Minutes 33 Seconds East 14.3 feet
thence South 77 Degrees 02 Minutes 28 Seconds East 164.1 feet
thence South 77 Degrees 50 Minutes 08 Seconds East 91 feet more or less to **the ending point at:** 39 degrees 19 minutes 029.1 seconds North Latitude and -109 degrees 06 minutes 14.05 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,318,156.9 feet and Y = 6,931,854.4 feet.

**Appendix AC to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 061**
**Road-Segment Length: 0.06 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 17 South Range 25 East, Section(s) 3, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 061 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 21 minutes 20.16 seconds North Latitude and -109 degrees 08 minutes 39 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,306,475.2 feet and Y = 6,942,784.3 feet; thence the following courses along the said road center line:

thence South 89 Degrees 40 Minutes 04 Seconds West 63 feet
thence South 73 Degrees 09 Minutes 34 Seconds West 98.1 feet
thence South 54 Degrees 32 Minutes 46 Seconds West 99.8 feet
thence South 69 Degrees 22 Minutes 11 Seconds West 52 feet more or less to **the ending point at:** 39 degrees 21 minutes 019.2 seconds North Latitude and -109 degrees 08 minutes 42.68 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,306,188.3 feet and Y = 6,942,679.3 feet.

## Appendix AD to Attachment 4

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 062**
**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 17 South Range 25 East, Section(s) 3, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 062 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 21 minutes 42 seconds North Latitude and -109 degrees 08 minutes 24.42 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,307,561.6 feet and Y = 6,945,023.3 feet; thence the following courses along the said road center line:

thence North 50 Degrees 32 Minutes 35 Seconds West 71.8 feet
thence North 41 Degrees 38 Minutes 25 Seconds West 72.1 feet
thence North 24 Degrees 44 Minutes 38 Seconds West 88.3 feet more or less to **the ending point at:** 39 degrees 21 minutes 43.81 seconds North Latitude and -109 degrees 08 minutes 26.14 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,307,421.3 feet and Y = 6,945,202.9 feet.

**Appendix AE to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 063**
**Road-Segment Length: 0.18 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 16 South Range 25 East, Section(s) 34, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 063 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 22 minutes 12.61 seconds North Latitude and -109 degrees 08 minutes 04.03 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,309,080.5 feet and Y = 6,948,162.1 feet; thence the following courses along the said road center line:

thence North 37 Degrees 12 Minutes 05 Seconds West 8.2 feet
thence North 26 Degrees 28 Minutes 10 Seconds West 51.2 feet
thence North 31 Degrees 45 Minutes 40 Seconds West 51.9 feet
thence North 50 Degrees 27 Minutes 55 Seconds West 79.3 feet
thence North 55 Degrees 01 Minutes 03 Seconds West 88 feet
thence North 26 Degrees 33 Minutes 15 Seconds West 93.3 feet
thence North 18 Degrees 52 Minutes 08 Seconds West 81.3 feet
thence North 52 Degrees 01 Minutes 43 Seconds West 60.9 feet
thence South 55 Degrees 46 Minutes 07 Seconds West 64.7 feet
thence South 16 Degrees 48 Minutes 37 Seconds West 77.3 feet
thence South 12 Degrees 08 Minutes 29 Seconds East 92.2 feet

thence South 19 Degrees 46 Minutes 18 Seconds East 88.7 feet
thence South 32 Degrees 38 Minutes 15 Seconds West 72.3 feet
thence North 72 Degrees 04 Minutes 35 Seconds West 62.8 feet more or less to **the ending point at:** 39 degrees 22 minutes 13.42 seconds North Latitude and -109 degrees 08 minutes 09.47 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,308,650.9 feet and Y = 6,948,231.8 feet.

**Appendix AF to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 064**
**Road-Segment Length: 0.15 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 16 South Range 25 East, Section(s) 35, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 064 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 22 minutes 30.34 seconds North Latitude and -109 degrees 07 minutes 58.81 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,309,442.7 feet and Y = 6,949,965.4 feet; thence the following courses along the said road center line:

thence South 52 Degrees 48 Minutes 28 Seconds East 51.2 feet
thence South 65 Degrees 54 Minutes 09 Seconds East 51.6 feet
thence North 50 Degrees 04 Minutes 14 Seconds East 69.5 feet
thence North 29 Degrees 37 Minutes 27 Seconds East 92.8 feet
thence North 22 Degrees 06 Minutes 02 Seconds East 94.1 feet
thence North 06 Degrees 24 Minutes 04 Seconds West 99 feet
thence North 01 Degrees 18 Minutes 03 Seconds West 85.3 feet
thence North 49 Degrees 04 Minutes 01 Seconds East 98.3 feet
thence South 89 Degrees 09 Minutes 13 Seconds East 79.8 feet
thence South 33 Degrees 41 Minutes 29 Seconds East 72.7 feet more or less to **the ending point at:** 39 degrees 22 minutes 33.66 seconds North Latitude and -109 degrees 07 minutes 53.55 seconds

West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,309,846.5 feet and Y = 6,950,312.2 feet.

## Appendix AG to Attachment 4

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 065**
**Road-Segment Length: 0.1 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 16 South Range 25 East, Section(s) 26, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 065 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 23 minutes 02.76 seconds North Latitude and -109 degrees 07 minutes 43.09 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,310,589.5 feet and Y = 6,953,277.6 feet; thence the following courses along the said road center line:

thence South 30 Degrees 56 Minutes 40 Seconds East 78.1 feet
thence South 25 Degrees 51 Minutes 45 Seconds East 92.7 feet
thence South 19 Degrees 27 Minutes 54 Seconds East 85.1 feet
thence South 06 Degrees 18 Minutes 08 Seconds East 100.6 feet
thence South 17 Degrees 52 Minutes 04 Seconds East 94.6 feet
thence South 01 Degrees 33 Minutes 22 Seconds East 95.2 feet more or less to **the ending point at:** 39 degrees 22 minutes 57.63 seconds North Latitude and -109 degrees 07 minutes 41.34 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,310,741.1 feet and Y = 6,952,761.7 feet.

**Appendix AH to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 066**
**Road-Segment Length: 0.85 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 16 South Range 25 East, Section(s) 23,26, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 066 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 23 minutes 54.52 seconds North Latitude and -109 degrees 07 minutes 30.06 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,311,473.2 feet and Y = 6,958,538.7 feet; thence the following courses along the said road center line:

thence South 53 Degrees 38 Minutes 43 Seconds West 139.5 feet
thence South 01 Degrees 47 Minutes 20 Seconds East 72.2 feet
thence South 10 Degrees 44 Minutes 50 Seconds East 78.4 feet
thence South 34 Degrees 06 Minutes 51 Seconds East 100.7 feet
thence South 20 Degrees 53 Minutes 13 Seconds East 105.1 feet
thence South 36 Degrees 22 Minutes 31 Seconds West 110.5 feet
thence South 53 Degrees 52 Minutes 28 Seconds West 115 feet
thence South 47 Degrees 55 Minutes 38 Seconds West 66.5 feet
thence South 33 Degrees 05 Minutes 37 Seconds West 13.8 feet
thence South 32 Degrees 19 Minutes 47 Seconds West 76 feet
thence South 35 Degrees 56 Minutes 11 Seconds West 109.9 feet

thence South 36 Degrees 43 Minutes 31 Seconds West 100.7 feet
thence South 21 Degrees 27 Minutes 14 Seconds West 107.8 feet
thence South 01 Degrees 01 Minutes 00 Seconds West 139.5 feet
thence South 05 Degrees 41 Minutes 57 Seconds West 64.3 feet
thence South 04 Degrees 33 Minutes 37 Seconds East 125 feet
thence South 27 Degrees 43 Minutes 33 Seconds East 62.8 feet
thence South 00 Degrees 30 Minutes 10 Seconds East 65.6 feet
thence South 05 Degrees 43 Minutes 10 Seconds West 99 feet
thence South 31 Degrees 54 Minutes 25 Seconds West 87.3 feet
thence South 44 Degrees 20 Minutes 51 Seconds West 12.4 feet
thence South 44 Degrees 16 Minutes 50 Seconds West 95.9 feet
thence South 36 Degrees 09 Minutes 18 Seconds West 100 feet
thence South 32 Degrees 37 Minutes 37 Seconds West 84.1 feet
thence South 39 Degrees 59 Minutes 54 Seconds West 81.8 feet
thence South 24 Degrees 39 Minutes 52 Seconds West 133.9 feet
thence South 09 Degrees 21 Minutes 55 Seconds West 76.6 feet
thence North 88 Degrees 28 Minutes 08 Seconds West 50.5 feet
thence North 06 Degrees 01 Minutes 11 Seconds East 75.9 feet
thence North 13 Degrees 03 Minutes 38 Seconds East 123.1 feet
thence North 22 Degrees 17 Minutes 19 Seconds East 138.6 feet
thence North 21 Degrees 22 Minutes 44 Seconds East 114.8 feet
thence North 19 Degrees 46 Minutes 35 Seconds East 45.1 feet
thence North 19 Degrees 44 Minutes 59 Seconds East 50.9 feet
thence North 03 Degrees 32 Minutes 10 Seconds East 82.2 feet
thence North 01 Degrees 00 Minutes 51 Seconds West 85.3 feet
thence North 26 Degrees 53 Minutes 46 Seconds West 80.7 feet
thence North 09 Degrees 44 Minutes 43 Seconds West 51.5 feet
thence North 06 Degrees 09 Minutes 44 Seconds East 90.8 feet
thence North 15 Degrees 37 Minutes 06 Seconds West 81.6 feet
thence North 41 Degrees 20 Minutes 22 Seconds West 95.7 feet
thence North 35 Degrees 24 Minutes 52 Seconds West 84.2 feet
thence North 08 Degrees 43 Minutes 38 Seconds West 82.9 feet
thence North 14 Degrees 07 Minutes 50 Seconds West 96.3 feet
thence North 31 Degrees 14 Minutes 09 Seconds West 82.2 feet
thence North 69 Degrees 37 Minutes 29 Seconds West 83.5 feet
thence North 78 Degrees 02 Minutes 06 Seconds West 77 feet
thence North 72 Degrees 58 Minutes 37 Seconds West 55 feet
thence North 66 Degrees 52 Minutes 40 Seconds West 65.9 feet
thence North 65 Degrees 27 Minutes 44 Seconds West 89.7 feet
thence North 52 Degrees 17 Minutes 02 Seconds West 71.9 feet
thence North 33 Degrees 48 Minutes 26 Seconds West 61 feet
thence North 25 Degrees 10 Minutes 24 Seconds West 48.8 feet more or less to **the ending point at:** 39 degrees 23 minutes 50.51 seconds North Latitude and -109 degrees 07 minutes 47.27 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,310,133.2 feet and Y = 6,958,097.9 feet.

**Appendix AI to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 067**
**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 16 South Range 25 East, Section(s) 22, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 067 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 24 minutes 16.85 seconds North Latitude and -109 degrees 08 minutes 04.63 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,308,700.9 feet and Y = 6,960,725.8 feet; thence the following courses along the said road center line:

thence North 53 Degrees 32 Minutes 05 Seconds West 35.6 feet
thence North 49 Degrees 32 Minutes 42 Seconds West 55.2 feet more or less to **the ending point at:** 39 degrees 24 minutes 17.43 seconds North Latitude and -109 degrees 08 minutes 05.51 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,308,630.2 feet and Y = 6,960,782.8 feet.

**Appendix AJ to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 068**
**Road-Segment Length: 0.06 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 16 South Range 25 East, Section(s) 22, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 068 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 24 minutes 17.43 seconds North Latitude and -109 degrees 08 minutes 05.51 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,308,630.2 feet and Y = 6,960,782.8 feet; thence the following courses along the said road center line:

thence North 41 Degrees 01 Minutes 34 Seconds West 2.2 feet
thence North 28 Degrees 30 Minutes 33 Seconds West 52.1 feet
thence North 29 Degrees 36 Minutes 42 Seconds West 50.8 feet
thence North 55 Degrees 02 Minutes 58 Seconds West 8.5 feet
thence South 72 Degrees 15 Minutes 13 Seconds West 54.8 feet
thence South 26 Degrees 36 Minutes 47 Seconds East 71.4 feet
thence South 78 Degrees 31 Minutes 44 Seconds East 80.2 feet more or less to **the ending point at:** 39 degrees 24 minutes 17.43 seconds North Latitude and -109 degrees 08 minutes 05.51 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,308,630.2 feet and Y = 6,960,782.8 feet.

**Appendix AK to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 070**
**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 16 South Range 25 East, Section(s) 6, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 070 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 26 minutes 58.71 seconds North Latitude and -109 degrees 11 minutes 56.71 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,290,070.1 feet and Y = 6,976,621.3 feet; thence the following courses along the said road center line:

thence North 05 Degrees 31 Minutes 25 Seconds West 36.2 feet
thence North 03 Degrees 15 Minutes 54 Seconds West 64.1 feet
thence North 04 Degrees 40 Minutes 31 Seconds West 8.2 feet more or less to **the ending point at:** 39 degrees 26 minutes 59.78 seconds North Latitude and -109 degrees 11 minutes 56.77 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,290,062.3 feet and Y = 6,976,729.5 feet.

## Appendix AL to Attachment 4

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 071**
**Road-Segment Length: 0.19 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 16 South Range 25 East, Section(s) 6, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 071 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 26 minutes 59.78 seconds North Latitude and -109 degrees 11 minutes 56.77 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,290,062.3 feet and Y = 6,976,729.5 feet; thence the following courses along the said road center line:

thence North 03 Degrees 54 Minutes 00 Seconds West 82.2 feet
thence North 04 Degrees 43 Minutes 41 Seconds West 106.9 feet
thence North 02 Degrees 13 Minutes 06 Seconds West 93.6 feet
thence North 02 Degrees 26 Minutes 16 Seconds West 72.2 feet
thence North 19 Degrees 22 Minutes 38 Seconds West 65.9 feet
thence North 66 Degrees 53 Minutes 28 Seconds West 37.1 feet
thence South 74 Degrees 37 Minutes 27 Seconds West 25.3 feet
thence South 40 Degrees 51 Minutes 23 Seconds West 26.2 feet
thence South 21 Degrees 17 Minutes 31 Seconds West 19.4 feet
thence South 02 Degrees 38 Minutes 02 Seconds West 27.9 feet
thence South 05 Degrees 26 Minutes 42 Seconds East 34.6 feet

thence South 02 Degrees 46 Minutes 39 Seconds East 47.6 feet
thence South 04 Degrees 51 Minutes 55 Seconds East 49.4 feet
thence South 04 Degrees 27 Minutes 54 Seconds East 42.8 feet
thence South 02 Degrees 06 Minutes 17 Seconds East 32.8 feet
thence South 02 Degrees 41 Minutes 46 Seconds East 24.6 feet
thence South 02 Degrees 08 Minutes 35 Seconds East 39.4 feet
thence South 04 Degrees 28 Minutes 33 Seconds East 39.5 feet
thence South 09 Degrees 25 Minutes 10 Seconds East 29.9 feet
thence South 66 Degrees 11 Minutes 24 Seconds East 28.1 feet
thence South 83 Degrees 07 Minutes 59 Seconds East 39.3 feet
thence South 85 Degrees 18 Minutes 11 Seconds East 37.4 feet more or less to **the ending point at:** 39 degrees 26 minutes 59.78 seconds North Latitude and -109 degrees 11 minutes 56.77 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,290,062.3 feet and Y = 6,976,729.5 feet.

**Appendix AM to Attachment 4**

**Popular Name: BOOK CLIFF ROAD**
**County: Grand**
**County Road Number: 00194**
**State Geographic Information Database (SGID) Road Identification Number: RD100205.**
**Road-Segment Number: 072**
**Road-Segment Length: 0.22 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 15.5 South Range 25 East, Section(s) 31, Salt Lake Base & Meridian
Township 16 South Range 25 East, Section(s) 6, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (BOOK CLIFF ROAD)-- Segment 072 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 27 minutes 00.86 seconds North Latitude and -109 degrees 12 minutes 26.59 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,287,721.5 feet and Y = 6,976,778.4 feet; thence the following courses along the said road center line:

thence North 19 Degrees 58 Minutes 59 Seconds West 61 feet
thence North 19 Degrees 44 Minutes 01 Seconds West 85.2 feet
thence North 20 Degrees 59 Minutes 25 Seconds West 96.4 feet
thence North 18 Degrees 44 Minutes 49 Seconds West 138.3 feet
thence North 11 Degrees 50 Minutes 13 Seconds West 149 feet
thence North 04 Degrees 03 Minutes 13 Seconds West 106.1 feet
thence North 04 Degrees 04 Minutes 54 Seconds West 38.6 feet
thence North 04 Degrees 07 Minutes 01 Seconds West 143 feet
thence North 04 Degrees 51 Minutes 18 Seconds West 116.8 feet
thence North 00 Degrees 34 Minutes 15 Seconds East 91.9 feet

thence North 04 Degrees 44 Minutes 52 Seconds East 85.6 feet

thence North 07 Degrees 26 Minutes 09 Seconds East 72.8 feet more or less to **the ending point at:** 39 degrees 27 minutes 12.34 seconds North Latitude and -109 degrees 12 minutes 28.41 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,287,549.4 feet and Y = 6,977,935.6 feet.