

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

Ent 235715 Bk 418 Pg 80
Date: 13-FEB-2008 2:37PM
Fee: None
Filed By: CP
BRUCE BROWN, Recorder
BEAVER COUNTY CORPORATION
For: GOVERNOR OF THE STATE OF UTAH

THE STATE OF UTAH

TO ALL WHOM THESE PRESENTS SHALL COME, Greeting:

Know ye, This is an Amended Acknowledgment and Amended 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over public lands, not reserved for public uses” under United States Revised Statutes 2477 (43 U.S.C. Section 932 (repealed October 21, 1976, with proviso recognizing the validity of rights-of-way already established)) was accepted for and on behalf of the State of Utah and its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 Beaver County as it pertains to the highway located in Beaver County known as THERMO ROAD; County Road Number: B-115; State Geographic Information Database (SGID) Road Identification Number: RD010022. Total road length is 25.64 miles more or less.

This Amended Acknowledgment and Amended Notice of Acknowledgment supersedes the information contained in the Acknowledgment recorded at Ent 232897, Bk 409, Beg Pg 55.

The reason for this Amended Acknowledgment and Amended 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 Amended Acknowledgment and Amended 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.

A printed copy of this Amended Acknowledgment and Amended 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 Amended Acknowledgment and Amended 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 Amended Acknowledgment and Amended 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 Amended 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 Amended Acknowledgment and Amended Notice of Acknowledgment to be made.

Signed by my hand in Salt Lake City, Utah, the 11th day of JANUARY, 2008.

By the Governor's Designee



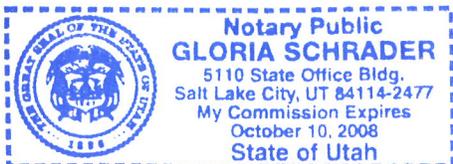
John Harja

CERTIFICATION

State of Utah)
 : ss
County of Salt Lake)

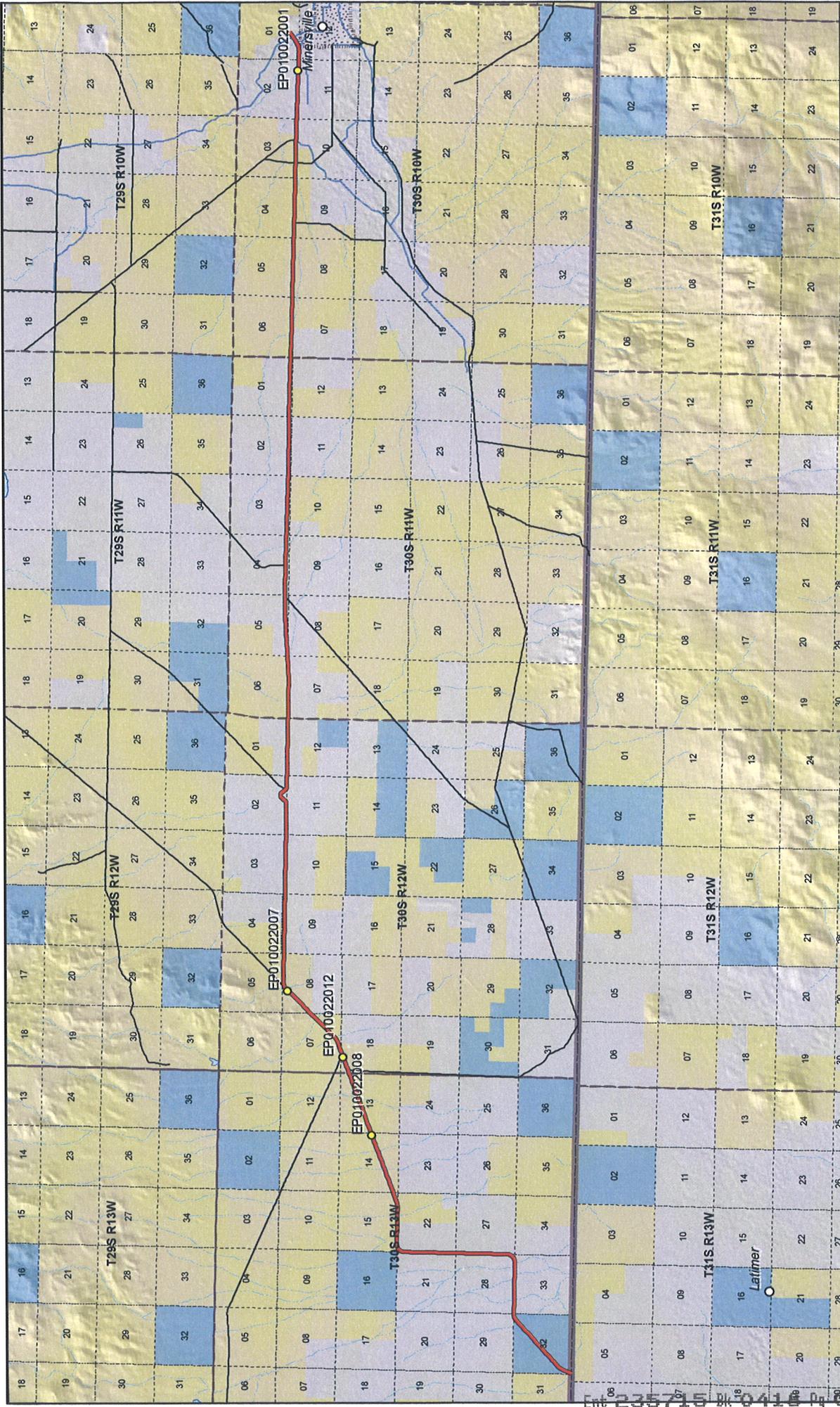
I hereby certify that the signer of the foregoing document, John Harja, is personally known by me, has made a voluntary signature and taken an oath stating that he is the official designee of the Governor of the State of Utah and is authorized to sign this document on the Governor's behalf pursuant to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

Dated this 11th day of January, 2008.





Notary Public



THERMO ROAD - Beaver County
SGID RD_ID RD010022

Land Ownership Categories

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

Transportation Network

- THERMORO ROAD
- Other Roads
- Title V, Issued Or Under Consideration By BLM Or County
- Photo Event Point

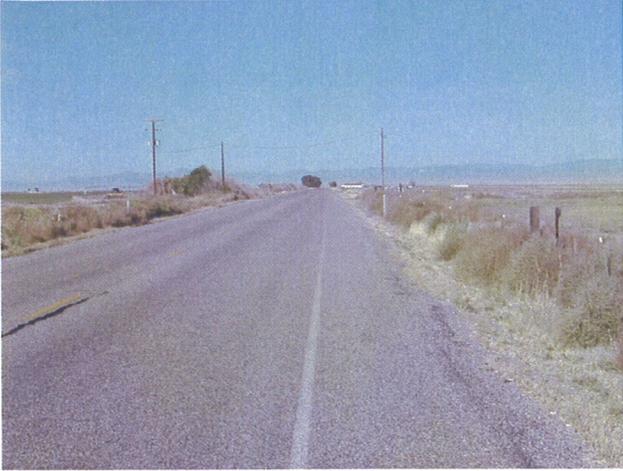
Wilderness

- UDWR Wildlife Reserve
- DOD, Military
- State Sovereign Land
- National Recreation Area
- USFWS, Natl. Wildlife Refuge

Section = 1 Mile

Map prepared by the State of Utah
Automated Geographic Reference Center
Room 5130 State Office Building
Salt Lake City, Utah 84114
May 14, 2007

Attachment 2



EP010022001



EP010022008



EP010022007



EP010022012

EP000000000

EP000000000

THERMO ROAD - Beaver County
SGID RD_ID RD010022

Map prepared by the State of Utah
Automated Geographic Reference Center
Room 5130 State Office Building
Salt Lake City, Utah 84114
April 17, 2007



Attachment 3

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

Popular Name: THERMO ROAD

County: Beaver

County Road Number: B-115

State Geographic Information Database (SGID) Road Identification Number: RD010022.

Total Road Length: 25.64 miles more or less.

Beginning at a point on the road centerline located at 38 degrees 08 minutes 55.31 seconds North Latitude and -113 degrees 20 minutes 33.91 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet coordinates of X = 1,110,525.7 feet and Y = 10,387,364.3 feet based on the US Survey Foot conversion.

Ending at a point on the road centerline located at 38 degrees 13 minutes 24.87 seconds North Latitude and -112 degrees 55 minutes 039.4 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet coordinates of X = 1,230,307.1 feet and Y = 10,412,541.6 feet based on the US Survey Foot conversion.

This road may traverse:

Township 30 South Range 10 West, Section(s) 1,2,3,4,5,6,11,12, Salt Lake Base & Meridian

Township 30 South Range 11 West, Section(s) 1,2,3,4,5,6,7, Salt Lake Base & Meridian

Township 30 South Range 12 West, Section(s) 1,2,3,7,8,9,18, Salt Lake Base & Meridian

Township 30 South Range 13 West, Section(s) 13,14,15,22,27,28,32,33, Salt Lake Base & Meridian

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

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

Popular Name: THERMO ROAD

County: Beaver

County Road Number: B-115

State Geographic Information Database (SGID) Road Identification Number: RD010022.

Total Road Length: 25.64 miles more or less.

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

Road-Segments Listed by SGID Road Identification Number (RD_ID)	Road-Segment Numbers	Believed Ownership Of Servient Estate	Approximate Segment Length	See Attached Appendix
RD010022	001	ST	1.43 Miles	(not shown)
RD010022	002	PVT	2.99 Miles	(not shown)
RD010022	003	BLM	5.49 Miles	A
RD010022	004	PVT	5.06 Miles	(not shown)
RD010022	005	BLM	0.05 Miles	B
RD010022	006	PVT	5.06 Miles	(not shown)
RD010022	007	BLM	3.79 Miles	C
RD010022	008	PVT	1.78 Miles	(not shown)
		Total Road Length	25.64	

* 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 Amended Acknowledgment and Amended Notice of Acknowledgment.

Appendix A to Attachment 4

Popular Name: THERMO ROAD

County: Beaver

County Road Number: B-115

State Geographic Information Database (SGID) Road Identification Number: RD010022.

Road-Segment Number: 003

Road-Segment Length: 5.49 miles more or less.

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

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

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

This road-segment may traverse:

Township 30 South Range 12 West, Section(s) 7,8,18, Salt Lake Base & Meridian

Township 30 South Range 13 West, Section(s) 13,14,15, Salt Lake Base & Meridian

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

Beginning at a point on the road center line located at 38 degrees 11 minutes 31.67 seconds North Latitude and -113 degrees 18 minutes 16.17 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet coordinates of X = 1,121,831.4 feet and Y = 10,402,963.8 feet; thence the following courses along the said road center line:

thence North 73 Degrees 39 Minutes 15 Seconds East	96.2 feet
thence North 87 Degrees 43 Minutes 16 Seconds East	201.5 feet
thence South 88 Degrees 25 Minutes 00 Seconds East	197.6 feet
thence South 88 Degrees 11 Minutes 29 Seconds East	194.3 feet
thence South 88 Degrees 24 Minutes 27 Seconds East	216.3 feet
thence South 88 Degrees 07 Minutes 57 Seconds East	232.1 feet
thence South 88 Degrees 24 Minutes 18 Seconds East	235.7 feet
thence South 88 Degrees 29 Minutes 42 Seconds East	237 feet
thence South 88 Degrees 18 Minutes 36 Seconds East	243.2 feet
thence South 88 Degrees 24 Minutes 56 Seconds East	246.8 feet

thence South 88 Degrees 35 Minutes 35 Seconds East 250.4 feet
 thence South 88 Degrees 31 Minutes 05 Seconds East 250.4 feet
 thence South 88 Degrees 13 Minutes 17 Seconds East 241.9 feet
 thence South 88 Degrees 12 Minutes 39 Seconds East 222.9 feet
 thence South 88 Degrees 21 Minutes 04 Seconds East 200.6 feet
 thence South 88 Degrees 40 Minutes 59 Seconds East 172.3 feet
 thence South 89 Degrees 34 Minutes 59 Seconds East 127.6 feet
 thence North 83 Degrees 16 Minutes 03 Seconds East 114.5 feet
 thence North 74 Degrees 13 Minutes 21 Seconds East 211.7 feet
 thence North 70 Degrees 25 Minutes 34 Seconds East 246.7 feet
 thence North 69 Degrees 32 Minutes 14 Seconds East 261 feet
 thence North 69 Degrees 33 Minutes 26 Seconds East 264.1 feet
 thence North 68 Degrees 59 Minutes 33 Seconds East 200.6 feet
 thence North 63 Degrees 06 Minutes 54 Seconds East 0.7 feet
 thence North 72 Degrees 26 Minutes 54 Seconds East 64.2 feet
 thence North 69 Degrees 51 Minutes 36 Seconds East 266.1 feet
 thence North 69 Degrees 50 Minutes 10 Seconds East 265.8 feet
 thence North 70 Degrees 04 Minutes 08 Seconds East 267.8 feet
 thence North 69 Degrees 41 Minutes 49 Seconds East 272.6 feet
 thence North 69 Degrees 35 Minutes 11 Seconds East 276 feet
 thence North 69 Degrees 58 Minutes 37 Seconds East 281.2 feet
 thence North 70 Degrees 07 Minutes 54 Seconds East 288.2 feet
 thence North 69 Degrees 58 Minutes 13 Seconds East 293.8 feet
 thence North 69 Degrees 56 Minutes 11 Seconds East 295.2 feet
 thence North 69 Degrees 48 Minutes 42 Seconds East 294.4 feet
 thence North 69 Degrees 55 Minutes 54 Seconds East 294.2 feet
 thence North 69 Degrees 41 Minutes 49 Seconds East 295.7 feet
 thence North 70 Degrees 01 Minutes 04 Seconds East 295.4 feet
 thence North 70 Degrees 02 Minutes 22 Seconds East 290.8 feet
 thence North 69 Degrees 51 Minutes 59 Seconds East 284.5 feet
 thence North 69 Degrees 56 Minutes 18 Seconds East 272.9 feet
 thence North 69 Degrees 46 Minutes 44 Seconds East 255.4 feet
 thence North 69 Degrees 56 Minutes 42 Seconds East 233.2 feet
 thence North 69 Degrees 54 Minutes 36 Seconds East 195.9 feet
 thence North 69 Degrees 29 Minutes 09 Seconds East 91.2 feet
 thence North 69 Degrees 51 Minutes 17 Seconds East 295 feet
 thence North 69 Degrees 51 Minutes 10 Seconds East 123.8 feet
 thence North 70 Degrees 00 Minutes 42 Seconds East 260.2 feet
 thence North 69 Degrees 50 Minutes 53 Seconds East 276.5 feet
 thence North 69 Degrees 47 Minutes 42 Seconds East 278.7 feet
 thence North 70 Degrees 00 Minutes 13 Seconds East 277.7 feet
 thence North 69 Degrees 44 Minutes 16 Seconds East 276 feet
 thence North 69 Degrees 53 Minutes 20 Seconds East 276.1 feet
 thence North 69 Degrees 51 Minutes 57 Seconds East 275.8 feet
 thence North 70 Degrees 04 Minutes 53 Seconds East 275.8 feet
 thence North 69 Degrees 36 Minutes 57 Seconds East 277.3 feet
 thence North 69 Degrees 47 Minutes 03 Seconds East 276.7 feet
 thence North 69 Degrees 52 Minutes 52 Seconds East 278.9 feet
 thence North 69 Degrees 59 Minutes 41 Seconds East 280.5 feet

thence North 69 Degrees 52 Minutes 25 Seconds East 281.7 feet
 thence North 69 Degrees 58 Minutes 20 Seconds East 280.2 feet
 thence North 69 Degrees 38 Minutes 42 Seconds East 278.6 feet
 thence North 69 Degrees 42 Minutes 51 Seconds East 279.6 feet
 thence North 70 Degrees 01 Minutes 02 Seconds East 280.8 feet
 thence North 69 Degrees 47 Minutes 13 Seconds East 285.4 feet
 thence North 69 Degrees 45 Minutes 08 Seconds East 290.7 feet
 thence North 70 Degrees 03 Minutes 41 Seconds East 251.1 feet
 thence North 70 Degrees 16 Minutes 07 Seconds East 36.5 feet
 thence North 69 Degrees 45 Minutes 33 Seconds East 284 feet
 thence North 70 Degrees 42 Minutes 56 Seconds East 190.8 feet
 thence North 56 Degrees 56 Minutes 41 Seconds East 10.9 feet
 thence North 69 Degrees 51 Minutes 18 Seconds East 81.3 feet
 thence North 69 Degrees 51 Minutes 30 Seconds East 278.6 feet
 thence North 69 Degrees 43 Minutes 15 Seconds East 269.1 feet
 thence North 70 Degrees 07 Minutes 25 Seconds East 259.7 feet
 thence North 70 Degrees 02 Minutes 29 Seconds East 251.8 feet
 thence North 70 Degrees 03 Minutes 46 Seconds East 241.3 feet
 thence North 61 Degrees 49 Minutes 57 Seconds East 19.7 feet
 thence North 70 Degrees 10 Minutes 20 Seconds East 138.5 feet
 thence North 70 Degrees 06 Minutes 49 Seconds East 57.8 feet
 thence North 70 Degrees 41 Minutes 00 Seconds East 21.2 feet
 thence North 69 Degrees 52 Minutes 52 Seconds East 34.9 feet
 thence North 70 Degrees 02 Minutes 22 Seconds East 192.3 feet
 thence North 68 Degrees 38 Minutes 33 Seconds East 22.8 feet
 thence North 70 Degrees 08 Minutes 47 Seconds East 189.4 feet
 thence North 69 Degrees 58 Minutes 19 Seconds East 23.3 feet
 thence North 71 Degrees 34 Minutes 54 Seconds East 194.3 feet
 thence North 70 Degrees 06 Minutes 25 Seconds East 15.7 feet
 thence North 67 Degrees 56 Minutes 01 Seconds East 190.4 feet
 thence North 61 Degrees 06 Minutes 54 Seconds East 197.6 feet
 thence North 52 Degrees 38 Minutes 06 Seconds East 214.5 feet
 thence North 46 Degrees 43 Minutes 24 Seconds East 227.7 feet
 thence North 44 Degrees 30 Minutes 51 Seconds East 240.6 feet
 thence North 45 Degrees 26 Minutes 04 Seconds East 264.2 feet
 thence North 45 Degrees 37 Minutes 09 Seconds East 14.2 feet
 thence North 45 Degrees 02 Minutes 11 Seconds East 261 feet
 thence North 45 Degrees 42 Minutes 11 Seconds East 26 feet
 thence North 45 Degrees 16 Minutes 55 Seconds East 242.9 feet
 thence North 45 Degrees 12 Minutes 38 Seconds East 50.1 feet
 thence North 45 Degrees 16 Minutes 41 Seconds East 222.2 feet
 thence North 44 Degrees 01 Minutes 03 Seconds East 80.3 feet
 thence North 46 Degrees 03 Minutes 25 Seconds East 193.1 feet
 thence North 44 Degrees 55 Minutes 14 Seconds East 110.4 feet
 thence North 45 Degrees 31 Minutes 39 Seconds East 156.8 feet
 thence North 44 Degrees 40 Minutes 48 Seconds East 153.6 feet
 thence North 46 Degrees 01 Minutes 04 Seconds East 109.3 feet
 thence North 45 Degrees 42 Minutes 44 Seconds East 257.5 feet
 thence North 45 Degrees 03 Minutes 08 Seconds East 249.8 feet

thence North 44 Degrees 44 Minutes 52 Seconds East 195.5 feet
 thence North 44 Degrees 40 Minutes 48 Seconds East 56.1 feet
 thence North 45 Degrees 31 Minutes 40 Seconds East 109.7 feet
 thence North 45 Degrees 37 Minutes 20 Seconds East 141.1 feet
 thence North 45 Degrees 32 Minutes 39 Seconds East 215.3 feet
 thence North 45 Degrees 46 Minutes 28 Seconds East 36.4 feet
 thence North 45 Degrees 34 Minutes 27 Seconds East 252.6 feet
 thence North 45 Degrees 18 Minutes 46 Seconds East 84 feet
 thence North 45 Degrees 29 Minutes 29 Seconds East 163.8 feet
 thence North 45 Degrees 29 Minutes 25 Seconds East 213.2 feet
 thence North 45 Degrees 18 Minutes 34 Seconds East 21.1 feet
 thence North 45 Degrees 20 Minutes 53 Seconds East 218.8 feet
 thence North 45 Degrees 15 Minutes 38 Seconds East 137.3 feet
 thence North 45 Degrees 05 Minutes 10 Seconds East 65.4 feet
 thence North 45 Degrees 27 Minutes 30 Seconds East 170.7 feet
 thence North 45 Degrees 39 Minutes 03 Seconds East 123.2 feet
 thence North 45 Degrees 27 Minutes 53 Seconds East 16.9 feet
 thence North 45 Degrees 30 Minutes 36 Seconds East 96 feet
 thence North 45 Degrees 09 Minutes 07 Seconds East 168.9 feet
 thence North 45 Degrees 24 Minutes 18 Seconds East 110 feet
 thence North 44 Degrees 59 Minutes 34 Seconds East 84.9 feet
 thence North 45 Degrees 41 Minutes 05 Seconds East 171.9 feet
 thence North 44 Degrees 01 Minutes 43 Seconds East 81.7 feet
 thence North 44 Degrees 40 Minutes 47 Seconds East 35.7 feet
 thence North 45 Degrees 18 Minutes 16 Seconds East 297.9 feet
 thence North 45 Degrees 41 Minutes 48 Seconds East 78.4 feet
 thence North 45 Degrees 27 Minutes 27 Seconds East 51.3 feet
 thence North 45 Degrees 17 Minutes 45 Seconds East 43.1 feet
 thence North 57 Degrees 52 Minutes 13 Seconds East 61 feet
 thence North 60 Degrees 49 Minutes 49 Seconds East 106.7 feet
 thence North 72 Degrees 15 Minutes 12 Seconds East 123.8 feet
 thence North 83 Degrees 33 Minutes 18 Seconds East 144.5 feet
 thence North 89 Degrees 59 Minutes 24 Seconds East 181.7 feet
 thence South 88 Degrees 54 Minutes 20 Seconds East 212.6 feet
 thence South 88 Degrees 45 Minutes 23 Seconds East 228.4 feet
 thence South 88 Degrees 26 Minutes 00 Seconds East 249.1 feet
 thence South 88 Degrees 39 Minutes 58 Seconds East 250.1 feet
 thence South 89 Degrees 00 Minutes 14 Seconds East 242.8 feet
 thence South 88 Degrees 37 Minutes 18 Seconds East 243.5 feet
 thence South 88 Degrees 43 Minutes 21 Seconds East 247.1 feet
 thence South 89 Degrees 01 Minutes 36 Seconds East 247.1 feet
 thence South 88 Degrees 45 Minutes 02 Seconds East 239.6 feet
 thence South 88 Degrees 48 Minutes 53 Seconds East 224.8 feet
 thence South 89 Degrees 03 Minutes 23 Seconds East 44.6 feet more or less to **the ending**

point at: 38 degrees 13 minutes 15.59 seconds North Latitude and -113 degrees 12 minutes 51.65 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet coordinates of X = 1,147,927.3 feet and Y = 10,412,986.9 feet.

Appendix B to Attachment 4

Popular Name: THERMO ROAD

County: Beaver

County Road Number: B-115

State Geographic Information Database (SGID) Road Identification Number: RD010022.

Road-Segment Number: 005

Road-Segment Length: 0.05 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 30 South Range 11 West, Section(s) 6, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (THERMO ROAD)-- Segment 005 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 38 degrees 13 minutes 17.22 seconds North Latitude and -113 degrees 07 minutes 22.32 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet coordinates of X = 1,174,207.9 feet and Y = 10,412,683.2 feet; thence the following courses along the said road center line:

thence North 86 Degrees 57 Minutes 41 Seconds East 242.1 feet more or less to **the ending point at:** 38 degrees 13 minutes 17.39 seconds North Latitude and -113 degrees 07 minutes 19.29 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet coordinates of X = 1,174,449.6 feet and Y = 10,412,696.0 feet.

Appendix C to Attachment 4

Popular Name: THERMO ROAD

County: Beaver

County Road Number: B-115

State Geographic Information Database (SGID) Road Identification Number: RD010022.

Road-Segment Number: 007

Road-Segment Length: 3.79 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 30 South Range 10 West, Section(s) 3,4,5,6, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (THERMO 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 38 degrees 13 minutes 19.25 seconds North Latitude and -113 degrees 01 minutes 44.89 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet coordinates of X = 1,201,135.4 feet and Y = 10,412,434.5 feet; thence the following courses along the said road center line:

thence South 87 Degrees 47 Minutes 30 Seconds East	282.8 feet
thence South 87 Degrees 37 Minutes 16 Seconds East	341.6 feet
thence South 87 Degrees 48 Minutes 27 Seconds East	336.9 feet
thence South 87 Degrees 32 Minutes 28 Seconds East	331.8 feet
thence South 87 Degrees 37 Minutes 50 Seconds East	328.8 feet
thence South 87 Degrees 51 Minutes 41 Seconds East	329 feet
thence South 88 Degrees 01 Minutes 49 Seconds East	328.7 feet
thence South 87 Degrees 58 Minutes 40 Seconds East	329.3 feet
thence South 88 Degrees 23 Minutes 33 Seconds East	331.9 feet
thence South 88 Degrees 54 Minutes 13 Seconds East	332.1 feet
thence South 89 Degrees 28 Minutes 13 Seconds East	332.4 feet

thence South 89 Degrees 17 Minutes 48 Seconds East 331.1 feet
thence South 89 Degrees 44 Minutes 55 Seconds East 329.7 feet
thence South 89 Degrees 20 Minutes 34 Seconds East 327.5 feet
thence South 89 Degrees 16 Minutes 18 Seconds East 323.2 feet
thence South 89 Degrees 12 Minutes 24 Seconds East 321.3 feet
thence South 88 Degrees 57 Minutes 52 Seconds East 138.8 feet
thence South 88 Degrees 53 Minutes 02 Seconds East 183.5 feet
thence South 88 Degrees 45 Minutes 23 Seconds East 324.9 feet
thence South 88 Degrees 32 Minutes 16 Seconds East 327.3 feet
thence South 88 Degrees 29 Minutes 22 Seconds East 328.9 feet
thence South 88 Degrees 43 Minutes 39 Seconds East 330.8 feet
thence South 88 Degrees 44 Minutes 13 Seconds East 332.8 feet
thence South 88 Degrees 41 Minutes 13 Seconds East 334.1 feet
thence South 88 Degrees 44 Minutes 46 Seconds East 334.8 feet
thence South 88 Degrees 31 Minutes 18 Seconds East 334.8 feet
thence South 88 Degrees 48 Minutes 13 Seconds East 335.1 feet
thence South 88 Degrees 41 Minutes 41 Seconds East 335.8 feet
thence South 88 Degrees 31 Minutes 43 Seconds East 336.1 feet
thence South 88 Degrees 21 Minutes 33 Seconds East 335.8 feet
thence South 88 Degrees 25 Minutes 14 Seconds East 336.8 feet
thence South 88 Degrees 22 Minutes 07 Seconds East 337.5 feet
thence South 88 Degrees 18 Minutes 39 Seconds East 337.2 feet
thence South 88 Degrees 16 Minutes 23 Seconds East 128.7 feet
thence South 88 Degrees 17 Minutes 46 Seconds East 204.5 feet
thence South 88 Degrees 26 Minutes 16 Seconds East 329.9 feet
thence South 88 Degrees 25 Minutes 56 Seconds East 328.9 feet
thence South 88 Degrees 26 Minutes 30 Seconds East 330.6 feet
thence South 88 Degrees 27 Minutes 08 Seconds East 131 feet
thence North 81 Degrees 54 Minutes 58 Seconds East 14.6 feet
thence South 87 Degrees 34 Minutes 57 Seconds East 185.6 feet
thence South 88 Degrees 33 Minutes 19 Seconds East 330.5 feet
thence South 88 Degrees 49 Minutes 50 Seconds East 328.5 feet
thence South 88 Degrees 44 Minutes 54 Seconds East 323.3 feet
thence South 88 Degrees 46 Minutes 30 Seconds East 316.7 feet
thence South 88 Degrees 42 Minutes 33 Seconds East 315.4 feet
thence South 88 Degrees 42 Minutes 15 Seconds East 314.4 feet
thence South 89 Degrees 00 Minutes 10 Seconds East 314.4 feet
thence South 88 Degrees 53 Minutes 27 Seconds East 316 feet
thence South 88 Degrees 48 Minutes 17 Seconds East 323 feet
thence South 88 Degrees 51 Minutes 09 Seconds East 320.6 feet
thence South 88 Degrees 46 Minutes 07 Seconds East 315.4 feet
thence South 88 Degrees 54 Minutes 39 Seconds East 307.2 feet
thence North 89 Degrees 40 Minutes 53 Seconds East 5.6 feet
thence South 88 Degrees 37 Minutes 03 Seconds East 309.5 feet
thence South 89 Degrees 08 Minutes 25 Seconds East 303.2 feet
thence South 88 Degrees 57 Minutes 51 Seconds East 138.8 feet
thence South 88 Degrees 52 Minutes 27 Seconds East 156.2 feet
thence South 89 Degrees 07 Minutes 05 Seconds East 281.9 feet
thence South 88 Degrees 55 Minutes 53 Seconds East 135.5 feet

thence South 89 Degrees 02 Minutes 43 Seconds East 132.9 feet
thence South 89 Degrees 03 Minutes 13 Seconds East 252.7 feet
thence South 89 Degrees 11 Minutes 59 Seconds East 235.3 feet
thence South 89 Degrees 13 Minutes 56 Seconds East 207.7 feet
thence South 89 Degrees 16 Minutes 29 Seconds East 162.1 feet
thence South 89 Degrees 57 Minutes 29 Seconds East 52.2 feet
thence South 88 Degrees 36 Minutes 15 Seconds East 318.1 feet
thence South 88 Degrees 57 Minutes 51 Seconds East 138.8 feet
thence South 89 Degrees 03 Minutes 17 Seconds East 133.9 feet
thence South 88 Degrees 38 Minutes 37 Seconds East 112.3 feet
thence South 88 Degrees 30 Minutes 15 Seconds East 72.5 feet
thence South 86 Degrees 35 Minutes 13 Seconds East 15.1 feet
thence South 89 Degrees 19 Minutes 50 Seconds East 19 feet
thence South 87 Degrees 52 Minutes 54 Seconds East 15.4 feet
thence South 88 Degrees 26 Minutes 38 Seconds East 90.3 feet
thence South 88 Degrees 19 Minutes 22 Seconds East 94.2 feet
thence South 88 Degrees 50 Minutes 41 Seconds East 102.1 feet
thence South 88 Degrees 32 Minutes 42 Seconds East 212 feet
thence South 88 Degrees 13 Minutes 16 Seconds East 233.1 feet
thence South 88 Degrees 16 Minutes 22 Seconds East 27.6 feet more or less to **the ending**

point at: 38 degrees 13 minutes 17.74 seconds North Latitude and -112 degrees 57 minutes 34.28 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah South Zone NAD 83 feet coordinates of X = 1,221,129.2 feet and Y = 10,411,961.7 feet.