

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

**THE STATE OF UTAH**

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

**Know ye,** This is an 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over public lands, not reserved for public uses” under United States Revised Statutes 2477 (43 U.S.C. Section 932 (repealed October 21, 1976, with proviso recognizing the validity of rights-of-way already established)) was accepted for and on behalf of the State of Utah and its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 Box Elder County as it pertains to the highway located in Box Elder County known as East Hogup Road; County Road Number: 7; State Geographic Information Database (SGID) Road Identification Number: RD020129. Total road length is 40.36 miles more or less.

This Amended Acknowledgment and Amended Notice of Acknowledgment supersedes the information contained in the Acknowledgment recorded at Ent 238529, Bk 988, Beg Pg 753.

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.

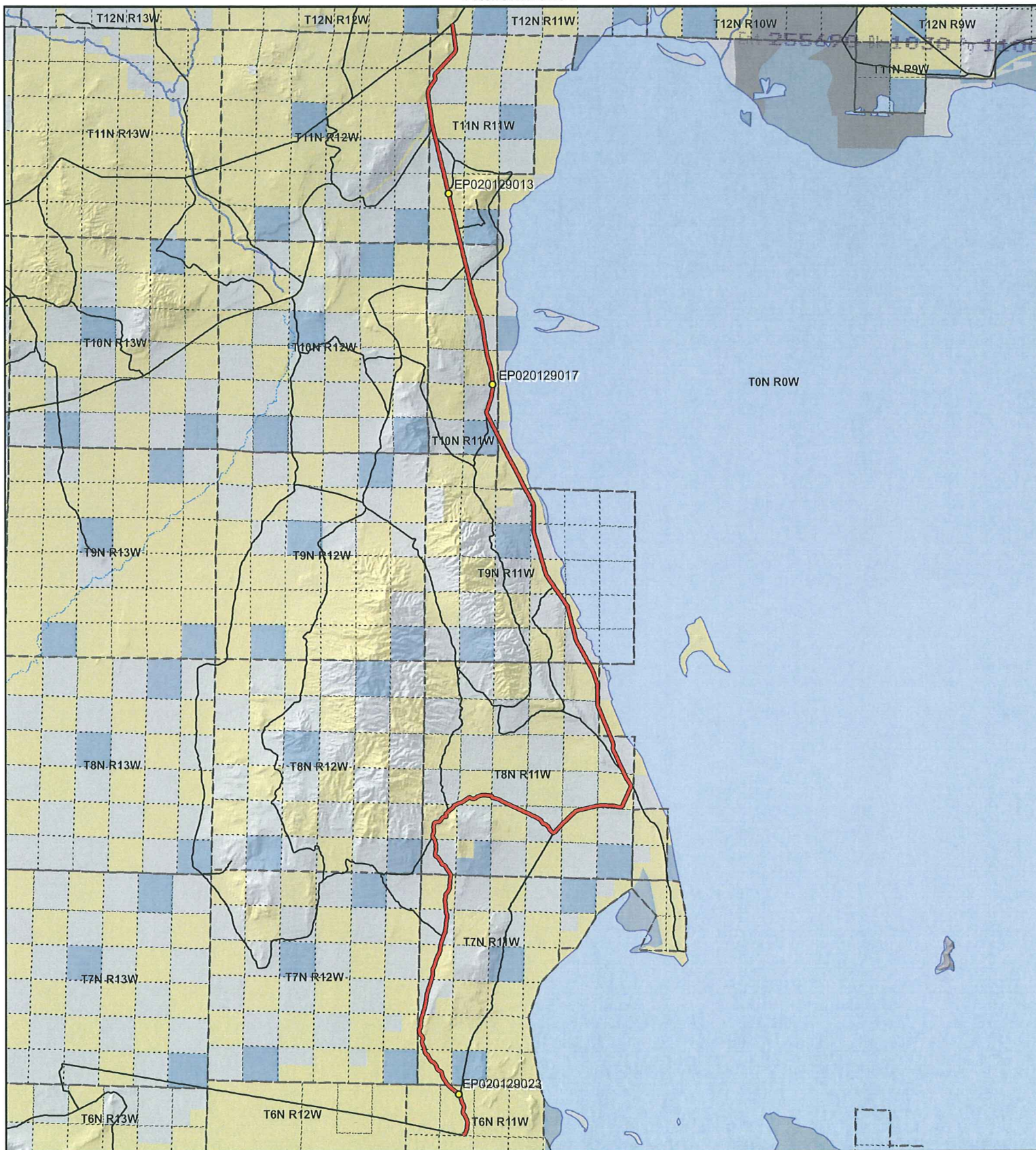
This Amended Acknowledgment and Amended Notice of Acknowledgment applies only to the segments of the road that traverse land owned by the Bureau of Land Management, United States Department of the Interior, and does not apply to segments of the road that traverse land owned by any other person or entity. 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.







1:236,152  
1 inch equals 3.7 miles

### East Hogup Road - Box Elder County SGID RD\_ID RD020129

<p><b>Land Ownership Categories</b></p> <ul style="list-style-type: none"> <li><span style="color: yellow;">■</span> BLM</li> <li><span style="color: lightblue;">■</span> Private</li> <li><span style="color: lightgreen;">■</span> SITLA, State Trust Land</li> <li><span style="color: green;">■</span> USFS, National Forest</li> <li><span style="color: blue;">■</span> State Parks and Recreation</li> <li><span style="color: orange;">■</span> Tribal, Indian Reservation</li> <li><span style="color: lightgreen;">■</span> NPS, National Park</li> <li><span style="color: darkgreen;">■</span> Wilderness</li> <li><span style="color: grey;">■</span> UDWR Wildlife Reserve</li> <li><span style="color: blue;">■</span> DOD, Military</li> <li><span style="color: lightblue;">■</span> State Sovereign Land</li> <li><span style="color: orange;">■</span> National Recreation Area</li> <li><span style="color: darkgreen;">■</span> USFWS, Natl. Wildlife Refuge</li> </ul>	<p><b>Transportation Network</b></p> <ul style="list-style-type: none"> <li><span style="color: red;">—</span> East Hogup Road</li> <li><span style="color: orange;">—</span> Title V: Issued Or Under Consideration By BLM Or County</li> <li><span style="color: black;">—</span> Other Roads</li> <li><span style="color: black;">●</span> Photo Event Point</li> <li><span style="border: 1px dashed black; display: inline-block; width: 10px; height: 10px;"></span> Section = 1 Mile</li> </ul>
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Map prepared by the State of Utah  
Automated Geographic Reference Center  
Room 5130 State Office Building  
Salt Lake City, Utah 84114  
Nov 10, 2006





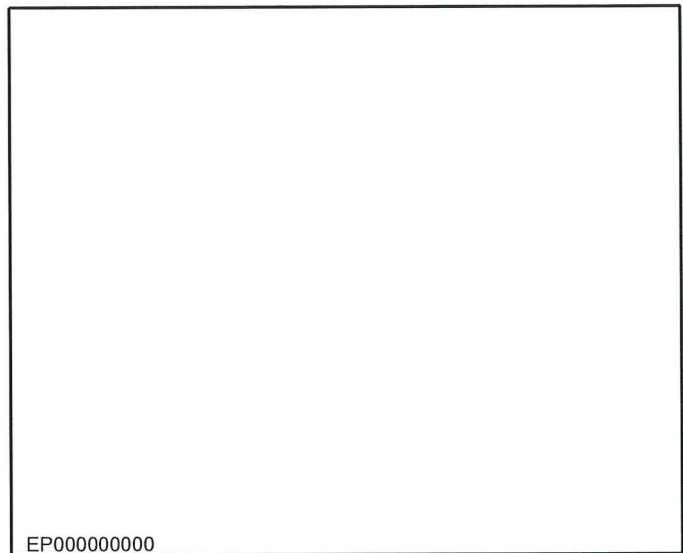
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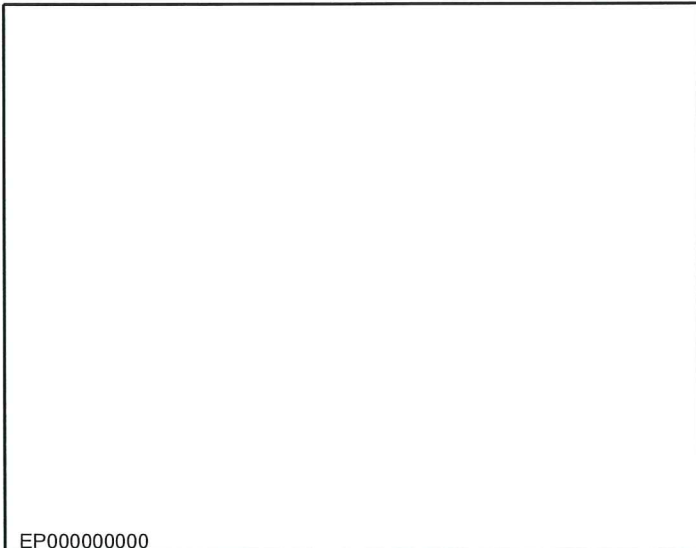
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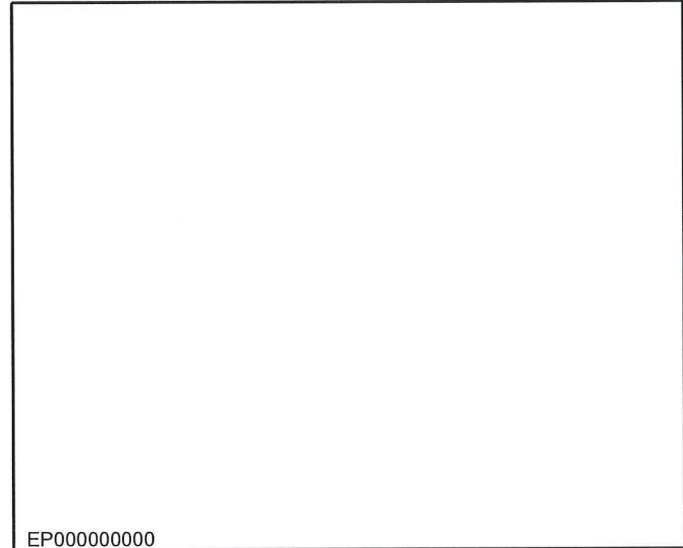
EP020129023



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*East Hogup Road - Box Elder County*  
**SGID RD\_ID RD020129**

Map prepared by the State of Utah  
Automated Geographic Reference Center  
Room 5130 State Office Building  
Salt Lake City, Utah 84114  
November 9, 2006





### Attachment 3

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

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Total Road Length: 40.36 miles more or less.**

**Beginning at a point** on the road centerline located at 41 degrees 15 minutes 33.84 seconds North Latitude and -113 degrees 07 minutes 27.98 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,193,825.1 feet and Y = 3,622,407.2 feet based on the US Survey Foot conversion.

**Ending at a point** on the road centerline located at 41 degrees 43 minutes 14.05 seconds North Latitude and -113 degrees 08 minutes 37.25 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,191,714.0 feet and Y = 3,790,512.4 feet based on the US Survey Foot conversion.

This road may traverse:

Township 10 North Range 11 West, Section(s) 5,6,8,17,20,29,32,33, Salt Lake Base & Meridian

Township 11 North Range 11 West, Section(s) 6,7,18,19,30,31, Salt Lake Base & Meridian

Township 11 North Range 12 West, Section(s) 12,13, Salt Lake Base & Meridian

Township 12 North Range 11 West, Section(s) 31, Salt Lake Base & Meridian

Township 6 North Range 11 West, Section(s) 5, Salt Lake Base & Meridian

Township 7 North Range 11 West, Section(s) 6,7,18,19,30,31, Salt Lake Base & Meridian

Township 8 North Range 11 West, Section(s) 2,11,12,13,19,20,21,23,24,26,27,28,30,31, Salt Lake Base & Meridian

Township 9 North Range 11 West, Section(s) 4, 9,10,15,22,26,27,35, Salt Lake Base & Meridian

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

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

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Total Road Length: 40.36 miles more or less.**

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

<b>Road-Segments Listed by SGID Road Identification Number (RD ID)</b>	<b>Road-Segment Numbers</b>	<b>Believed Ownership Of Servient Estate</b>	<b>Approximate Segment Length</b>	<b>See Attached Appendix</b>
RD020129	001	BLM	4.08 Miles	A
RD020129	002	PVT	1.04 Miles	(not shown)
RD020129	003	BLM	1.05 Miles	B
RD020129	004	PVT	1.04 Miles	(not shown)
RD020129	005	BLM	1.05 Miles	C
RD020129	006	PVT	1.23 Miles	(not shown)
RD020129	007	BLM	1.42 Miles	D
RD020129	008	PVT	0.03 Miles	(not shown)
RD020129	009	BLM	1.09 Miles	E
RD020129	010	PVT	0.67 Miles	(not shown)
RD020129	011	BLM	0.46 Miles	F
RD020129	012	PVT	1.33 Miles	(not shown)
RD020129	013	BLM	1.01 Miles	G
RD020129	014	PVT	0.18 Miles	(not shown)
RD020129	015	BLM	1.75 Miles	H
RD020129	016	PVT	1.16 Miles	(not shown)
RD020129	017	BLM	0.87 Miles	I
RD020129	018	PVT	0.25 Miles	(not shown)
RD020129	019	BLM	1.09 Miles	J
RD020129	020	PVT	1.11 Miles	(not shown)
RD020129	021	BLM	0.77 Miles	K
RD020129	022	PVT	0.33 Miles	(not shown)
RD020129	023	BLM	1.11 Miles	L
RD020129	024	PVT	1.05 Miles	(not shown)



RD020129	025	BLM	0.72 Miles	M
RD020129	026	PVT	0.35 Miles	(not shown)
RD020129	027	BLM	1.05 Miles	N
RD020129	028	PVT	0.08 Miles	(not shown)
RD020129	029	BLM	0.56 Miles	O
RD020129	030	ST	0.51 Miles	(not shown)
RD020129	031	PVT	1.06 Miles	(not shown)
RD020129	032	BLM	1.02 Miles	P
RD020129	033	PVT	1.03 Miles	(not shown)
RD020129	034	BLM	1.06 Miles	Q
RD020129	035	PVT	0.67 Miles	(not shown)
RD020129	036	BLM	2.44 Miles	R
RD020129	037	PVT	1.04 Miles	(not shown)
RD020129	038	BLM	0.96 Miles	S
RD020129	039	PVT	0.06 Miles	(not shown)
RD020129	040	BLM	0.46 Miles	T
RD020129	041	PVT	0.34 Miles	(not shown)
RD020129	042	BLM	0.08 Miles	U
RD020129	043	PVT	0.24 Miles	(not shown)
RD020129	044	BLM	1.48 Miles	V
		<b>Total Road Length</b>	<b>40.36</b>	_____

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

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

## Appendix A to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 001**

**Road-Segment Length: 4.08 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 6 North Range 11 West, Section(s) 5, Salt Lake Base & Meridian

Township 7 North Range 11 West, Section(s) 30,31, Salt Lake Base & Meridian

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

**Beginning at a point** on the road center line located at 41 degrees 15 minutes 33.84 seconds North Latitude and -113 degrees 07 minutes 27.98 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,193,825.1 feet and Y = 3,622,407.2 feet; thence the following courses along the said road center line:

thence North 60 Degrees 49 Minutes 17 Seconds East	44.2 feet
thence North 62 Degrees 49 Minutes 16 Seconds East	178 feet
thence North 60 Degrees 57 Minutes 49 Seconds East	188.5 feet
thence North 18 Degrees 51 Minutes 36 Seconds East	204.6 feet
thence North 20 Degrees 22 Minutes 53 Seconds East	240.3 feet
thence North 21 Degrees 28 Minutes 15 Seconds East	51.2 feet
thence North 23 Degrees 53 Minutes 50 Seconds East	21.6 feet
thence North 22 Degrees 27 Minutes 46 Seconds East	158.4 feet
thence North 10 Degrees 21 Minutes 58 Seconds East	120.2 feet
thence North 10 Degrees 17 Minutes 21 Seconds East	53.4 feet
thence North 05 Degrees 05 Minutes 47 Seconds East	197.7 feet



thence North 04 Degrees 43 Minutes 47 Seconds East 215.7 feet  
 thence North 05 Degrees 50 Minutes 56 Seconds East 219.4 feet  
 thence North 05 Degrees 33 Minutes 07 Seconds East 217.7 feet  
 thence North 02 Degrees 18 Minutes 40 Seconds West 218.3 feet  
 thence North 17 Degrees 40 Minutes 27 Seconds West 223.4 feet  
 thence North 27 Degrees 04 Minutes 47 Seconds West 228.1 feet  
 thence North 24 Degrees 59 Minutes 36 Seconds West 234.3 feet  
 thence North 25 Degrees 50 Minutes 21 Seconds West 230.8 feet  
 thence North 32 Degrees 56 Minutes 08 Seconds West 225.9 feet  
 thence North 42 Degrees 24 Minutes 35 Seconds West 227.6 feet  
 thence North 29 Degrees 38 Minutes 19 Seconds West 165.5 feet  
 thence North 12 Degrees 16 Minutes 56 Seconds East 169.8 feet  
 thence North 15 Degrees 38 Minutes 27 Seconds East 197.9 feet  
 thence North 14 Degrees 53 Minutes 33 Seconds East 207.4 feet  
 thence North 18 Degrees 20 Minutes 27 Seconds East 200.9 feet  
 thence North 05 Degrees 12 Minutes 05 Seconds West 189.3 feet  
 thence North 16 Degrees 26 Minutes 01 Seconds West 196.3 feet  
 thence North 28 Degrees 56 Minutes 27 Seconds West 205.5 feet  
 thence North 31 Degrees 31 Minutes 17 Seconds West 212.8 feet  
 thence North 24 Degrees 25 Minutes 05 Seconds West 213.8 feet  
 thence North 16 Degrees 49 Minutes 09 Seconds West 213.8 feet  
 thence North 16 Degrees 34 Minutes 24 Seconds West 217 feet  
 thence North 08 Degrees 09 Minutes 15 Seconds West 216.9 feet  
 thence North 20 Degrees 30 Minutes 22 Seconds West 75.1 feet  
 thence North 20 Degrees 35 Minutes 47 Seconds West 22.7 feet  
 thence North 20 Degrees 26 Minutes 18 Seconds West 103.1 feet  
 thence North 40 Degrees 27 Minutes 05 Seconds West 190.9 feet  
 thence North 41 Degrees 38 Minutes 14 Seconds West 205.3 feet  
 thence North 43 Degrees 25 Minutes 03 Seconds West 222.4 feet  
 thence North 49 Degrees 18 Minutes 27 Seconds West 217.4 feet  
 thence North 55 Degrees 34 Minutes 55 Seconds West 221.6 feet  
 thence North 54 Degrees 55 Minutes 51 Seconds West 237.9 feet  
 thence North 53 Degrees 33 Minutes 19 Seconds West 238.4 feet  
 thence North 52 Degrees 01 Minutes 28 Seconds West 240.8 feet  
 thence North 51 Degrees 42 Minutes 31 Seconds West 233.9 feet  
 thence North 44 Degrees 51 Minutes 15 Seconds West 223.2 feet  
 thence North 44 Degrees 05 Minutes 21 Seconds West 224.8 feet  
 thence North 42 Degrees 50 Minutes 28 Seconds West 30.3 feet  
 thence North 42 Degrees 50 Minutes 28 Seconds West 199.3 feet  
 thence North 43 Degrees 09 Minutes 59 Seconds West 227.3 feet  
 thence North 32 Degrees 32 Minutes 22 Seconds West 225.3 feet  
 thence North 22 Degrees 46 Minutes 37 Seconds West 216.5 feet  
 thence North 39 Degrees 03 Minutes 43 Seconds West 206.1 feet  
 thence North 40 Degrees 14 Minutes 19 Seconds West 211.7 feet  
 thence North 25 Degrees 48 Minutes 18 Seconds West 223.5 feet  
 thence North 10 Degrees 32 Minutes 34 Seconds West 235 feet  
 thence North 11 Degrees 02 Minutes 53 Seconds West 248.8 feet  
 thence North 19 Degrees 34 Minutes 00 Seconds West 245 feet  
 thence North 51 Degrees 38 Minutes 42 Seconds West 225.7 feet

thence North 58 Degrees 36 Minutes 57 Seconds West 240.3 feet  
thence North 57 Degrees 53 Minutes 40 Seconds West 208 feet  
thence North 48 Degrees 54 Minutes 26 Seconds West 104.1 feet  
thence North 31 Degrees 17 Minutes 41 Seconds West 107.1 feet  
thence North 13 Degrees 43 Minutes 24 Seconds West 141.6 feet  
thence North 14 Degrees 38 Minutes 01 Seconds West 154 feet  
thence North 09 Degrees 53 Minutes 51 Seconds West 148.1 feet  
thence North 29 Degrees 34 Minutes 47 Seconds West 131.6 feet  
thence North 41 Degrees 43 Minutes 21 Seconds West 129 feet  
thence North 38 Degrees 34 Minutes 39 Seconds West 142 feet  
thence North 41 Degrees 16 Minutes 39 Seconds West 147.7 feet  
thence North 57 Degrees 10 Minutes 23 Seconds West 147 feet  
thence North 64 Degrees 32 Minutes 46 Seconds West 150.8 feet  
thence North 51 Degrees 43 Minutes 48 Seconds West 149.9 feet  
thence North 48 Degrees 03 Minutes 26 Seconds West 151.2 feet  
thence North 44 Degrees 33 Minutes 37 Seconds West 155.2 feet  
thence North 40 Degrees 12 Minutes 24 Seconds West 171.4 feet  
thence North 34 Degrees 06 Minutes 33 Seconds West 177.6 feet  
thence North 26 Degrees 53 Minutes 46 Seconds West 176.1 feet  
thence North 25 Degrees 11 Minutes 49 Seconds West 188 feet  
thence North 21 Degrees 47 Minutes 42 Seconds West 155.1 feet  
thence North 59 Degrees 22 Minutes 02 Seconds West 109 feet  
thence North 81 Degrees 12 Minutes 03 Seconds West 111.6 feet  
thence North 49 Degrees 48 Minutes 00 Seconds West 116.1 feet  
thence North 29 Degrees 34 Minutes 48 Seconds West 141 feet  
thence North 25 Degrees 43 Minutes 29 Seconds West 150.7 feet  
thence North 11 Degrees 31 Minutes 30 Seconds West 158.9 feet  
thence North 09 Degrees 27 Minutes 47 Seconds West 177.8 feet  
thence North 09 Degrees 48 Minutes 34 Seconds West 100.7 feet  
thence North 09 Degrees 48 Minutes 35 Seconds West 90.5 feet  
thence North 10 Degrees 45 Minutes 39 Seconds West 188.5 feet  
thence North 23 Degrees 53 Minutes 18 Seconds West 178.9 feet  
thence North 28 Degrees 51 Minutes 59 Seconds West 179.2 feet  
thence North 22 Degrees 46 Minutes 55 Seconds West 188.1 feet  
thence North 18 Degrees 32 Minutes 50 Seconds West 190 feet  
thence North 23 Degrees 56 Minutes 56 Seconds West 182.6 feet  
thence North 09 Degrees 05 Minutes 08 Seconds East 136.3 feet  
thence North 28 Degrees 32 Minutes 31 Seconds East 131.1 feet  
thence North 25 Degrees 58 Minutes 16 Seconds East 128.1 feet  
thence North 17 Degrees 05 Minutes 34 Seconds East 111.8 feet  
thence North 02 Degrees 09 Minutes 29 Seconds East 75.5 feet  
thence North 09 Degrees 56 Minutes 11 Seconds West 64.9 feet  
thence North 20 Degrees 33 Minutes 22 Seconds West 99.6 feet  
thence North 28 Degrees 40 Minutes 24 Seconds West 123 feet  
thence North 39 Degrees 31 Minutes 00 Seconds West 139.7 feet  
thence North 41 Degrees 56 Minutes 13 Seconds West 168.5 feet  
thence North 40 Degrees 51 Minutes 55 Seconds West 181.7 feet  
thence North 33 Degrees 26 Minutes 48 Seconds West 172.3 feet  
thence North 11 Degrees 46 Minutes 21 Seconds West 140.6 feet



thence North 07 Degrees 41 Minutes 19 Seconds West 120.4 feet  
thence North 15 Degrees 52 Minutes 19 Seconds West 121.2 feet  
thence North 06 Degrees 12 Minutes 32 Seconds West 112.1 feet  
thence North 23 Degrees 42 Minutes 45 Seconds East 116.8 feet  
thence North 27 Degrees 59 Minutes 39 Seconds East 152.8 feet  
thence North 29 Degrees 08 Minutes 23 Seconds East 162 feet  
thence North 20 Degrees 12 Minutes 24 Seconds East 124.4 feet  
thence North 13 Degrees 18 Minutes 08 Seconds East 79.3 feet  
thence North 24 Degrees 24 Minutes 43 Seconds East 83.1 feet  
thence North 11 Degrees 28 Minutes 01 Seconds East 75.4 feet  
thence North 22 Degrees 51 Minutes 07 Seconds West 72.8 feet  
thence North 24 Degrees 27 Minutes 20 Seconds West 82.7 feet  
thence North 00 Degrees 47 Minutes 30 Seconds East 83.7 feet  
thence North 14 Degrees 05 Minutes 21 Seconds East 83 feet  
thence North 05 Degrees 34 Minutes 53 Seconds East 92.4 feet  
thence North 09 Degrees 11 Minutes 26 Seconds East 103.1 feet  
thence North 08 Degrees 07 Minutes 08 Seconds East 116.1 feet  
thence North 02 Degrees 45 Minutes 01 Seconds East 128.1 feet  
thence North 08 Degrees 05 Minutes 43 Seconds East 134.3 feet  
thence North 07 Degrees 43 Minutes 34 Seconds East 147.4 feet  
thence North 06 Degrees 11 Minutes 17 Seconds East 161.8 feet  
thence North 13 Degrees 24 Minutes 16 Seconds East 167.2 feet  
thence North 23 Degrees 41 Minutes 50 Seconds East 172.4 feet  
thence North 30 Degrees 29 Minutes 13 Seconds East 164.5 feet more or less to **the ending**

**point at:** 41 degrees 18 minutes 32.49 seconds North Latitude and -113 degrees 08 minutes 054.4 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,187,569.4 feet and Y = 3,640,609.1 feet.

## Appendix B to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 003**

**Road-Segment Length: 1.05 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 7 North Range 11 West, Section(s) 18, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (East Hogup 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 41 degrees 19 minutes 024.9 seconds North Latitude and -113 degrees 08 minutes 38.21 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,188,904.5 feet and Y = 3,645,889.2 feet; thence the following courses along the said road center line:

thence North 18 Degrees 58 Minutes 56 Seconds East	16.6 feet
thence North 18 Degrees 58 Minutes 50 Seconds East	24.6 feet
thence North 18 Degrees 24 Minutes 33 Seconds East	194 feet
thence North 15 Degrees 59 Minutes 27 Seconds East	191.4 feet
thence North 09 Degrees 02 Minutes 57 Seconds East	191.2 feet
thence North 04 Degrees 24 Minutes 55 Seconds East	194.2 feet
thence North 02 Degrees 45 Minutes 13 Seconds East	188.9 feet
thence North 04 Degrees 00 Minutes 37 Seconds West	184.1 feet
thence North 05 Degrees 44 Minutes 57 Seconds West	191.1 feet
thence North 05 Degrees 53 Minutes 03 Seconds East	184.8 feet
thence North 25 Degrees 08 Minutes 28 Seconds East	161.7 feet
thence North 32 Degrees 06 Minutes 05 Seconds East	153.5 feet



thence North 33 Degrees 02 Minutes 02 Seconds East 161.1 feet  
thence North 27 Degrees 24 Minutes 31 Seconds East 150.1 feet  
thence North 20 Degrees 07 Minutes 54 Seconds East 143.6 feet  
thence North 14 Degrees 28 Minutes 59 Seconds East 146.3 feet  
thence North 14 Degrees 02 Minutes 01 Seconds East 152.1 feet  
thence North 15 Degrees 37 Minutes 45 Seconds East 158.7 feet  
thence North 16 Degrees 40 Minutes 10 Seconds East 178.4 feet  
thence North 17 Degrees 09 Minutes 55 Seconds East 203 feet  
thence North 17 Degrees 37 Minutes 01 Seconds East 220.4 feet  
thence North 24 Degrees 49 Minutes 41 Seconds East 221.5 feet  
thence North 27 Degrees 09 Minutes 28 Seconds East 209 feet  
thence North 22 Degrees 44 Minutes 32 Seconds East 219.3 feet  
thence North 23 Degrees 08 Minutes 01 Seconds East 230.7 feet  
thence North 23 Degrees 33 Minutes 14 Seconds East 226 feet  
thence North 16 Degrees 59 Minutes 14 Seconds East 197.3 feet  
thence North 05 Degrees 45 Minutes 55 Seconds East 188.4 feet  
thence North 03 Degrees 23 Minutes 11 Seconds East 197.3 feet  
thence North 07 Degrees 42 Minutes 11 Seconds East 197.1 feet  
thence North 13 Degrees 13 Minutes 16 Seconds East 189 feet  
thence North 14 Degrees 25 Minutes 55 Seconds East 92.7 feet more or less to **the ending**

**point at:** 41 degrees 20 minutes 17.36 seconds North Latitude and -113 degrees 08 minutes 20.46 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,190,358.6 feet and Y = 3,651,172.1 feet.

## Appendix C to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 005**

**Road-Segment Length: 1.05 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 7 North Range 11 West, Section(s) 6, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (East Hogup 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 41 degrees 21 minutes 09.77 seconds North Latitude and -113 degrees 08 minutes 12.18 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,191,090.0 feet and Y = 3,656,463.9 feet; thence the following courses along the said road center line:

thence North 01 Degrees 31 Minutes 19 Seconds West 33.9 feet  
thence North 01 Degrees 31 Minutes 17 Seconds West 520.6 feet  
thence North 06 Degrees 02 Minutes 36 Seconds West 6.6 feet  
thence North 02 Degrees 58 Minutes 31 Seconds West 64 feet  
thence North 04 Degrees 25 Minutes 50 Seconds West 110.2 feet  
thence North 07 Degrees 41 Minutes 55 Seconds West 135.6 feet  
thence North 11 Degrees 15 Minutes 28 Seconds West 143.7 feet  
thence North 14 Degrees 40 Minutes 06 Seconds West 121.9 feet  
thence North 12 Degrees 47 Minutes 52 Seconds West 127.7 feet  
thence North 08 Degrees 48 Minutes 05 Seconds West 149.3 feet  
thence North 03 Degrees 33 Minutes 09 Seconds West 157.7 feet  
thence North 23 Degrees 04 Minutes 36 Seconds East 151.9 feet



thence North 18 Degrees 36 Minutes 29 Seconds East 152.6 feet  
thence North 02 Degrees 51 Minutes 11 Seconds East 159.4 feet  
thence North 01 Degrees 38 Minutes 45 Seconds West 157.5 feet  
thence North 00 Degrees 53 Minutes 31 Seconds West 134.5 feet  
thence North 25 Degrees 05 Minutes 37 Seconds East 110.8 feet  
thence North 41 Degrees 24 Minutes 50 Seconds East 151.3 feet  
thence North 39 Degrees 22 Minutes 50 Seconds East 183.8 feet  
thence North 38 Degrees 01 Minutes 29 Seconds East 194.5 feet  
thence North 35 Degrees 09 Minutes 38 Seconds East 199.5 feet  
thence North 29 Degrees 46 Minutes 18 Seconds East 187.7 feet  
thence North 20 Degrees 24 Minutes 52 Seconds East 149.1 feet  
thence North 05 Degrees 26 Minutes 44 Seconds East 136.8 feet  
thence North 09 Degrees 30 Minutes 33 Seconds West 129.6 feet  
thence North 02 Degrees 33 Minutes 51 Seconds West 126.4 feet  
thence North 05 Degrees 35 Minutes 54 Seconds East 127 feet  
thence North 03 Degrees 51 Minutes 56 Seconds East 129.9 feet  
thence North 00 Degrees 55 Minutes 27 Seconds East 134.5 feet  
thence North 04 Degrees 50 Minutes 57 Seconds East 141.7 feet  
thence North 08 Degrees 03 Minutes 00 Seconds East 157.5 feet  
thence North 07 Degrees 30 Minutes 58 Seconds East 170.6 feet  
thence North 06 Degrees 51 Minutes 19 Seconds East 183.5 feet  
thence North 07 Degrees 13 Minutes 41 Seconds East 187 feet  
thence North 13 Degrees 46 Minutes 47 Seconds East 177.6 feet  
thence North 03 Degrees 37 Minutes 52 Seconds East 166.1 feet

thence North 02 Degrees 15 Minutes 47 Seconds West 46.5 feet more or less to **the ending point at:** 41 degrees 22 minutes 01.94 seconds North Latitude and -113 degrees 08 minutes 03.65 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,191,839.9 feet and Y = 3,661,731.1 feet.

## Appendix D to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 007**

**Road-Segment Length: 1.42 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 8 North Range 11 West, Section(s) 19,30, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (East Hogup 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 41 degrees 22 minutes 54.86 seconds North Latitude and -113 degrees 08 minutes 38.38 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,189,293.6 feet and Y = 3,667,135.7 feet; thence the following courses along the said road center line:

thence North 29 Degrees 07 Minutes 21 Seconds West 67.4 feet  
thence North 34 Degrees 08 Minutes 01 Seconds West 142.1 feet  
thence North 50 Degrees 02 Minutes 38 Seconds West 124.3 feet  
thence North 24 Degrees 31 Minutes 20 Seconds West 109.7 feet  
thence North 11 Degrees 38 Minutes 37 Seconds West 51.9 feet  
thence North 11 Degrees 52 Minutes 58 Seconds West 77 feet  
thence North 06 Degrees 23 Minutes 09 Seconds West 136.9 feet  
thence North 19 Degrees 59 Minutes 21 Seconds East 141.7 feet  
thence North 27 Degrees 54 Minutes 04 Seconds East 135.9 feet  
thence North 31 Degrees 24 Minutes 04 Seconds East 125.4 feet  
thence North 08 Degrees 14 Minutes 34 Seconds East 101.2 feet  
thence North 12 Degrees 07 Minutes 44 Seconds West 114 feet



thence North 04 Degrees 18 Minutes 47 Seconds West 113.5 feet  
 thence North 03 Degrees 46 Minutes 37 Seconds East 105.3 feet  
 thence North 03 Degrees 39 Minutes 40 Seconds East 103.6 feet  
 thence North 00 Degrees 04 Minutes 05 Seconds East 93.5 feet  
 thence North 08 Degrees 41 Minutes 22 Seconds West 106.1 feet  
 thence North 10 Degrees 05 Minutes 10 Seconds West 106.5 feet  
 thence North 10 Degrees 39 Minutes 39 Seconds East 117 feet  
 thence North 12 Degrees 40 Minutes 14 Seconds East 141.4 feet  
 thence North 10 Degrees 45 Minutes 11 Seconds East 165.5 feet  
 thence North 11 Degrees 12 Minutes 28 Seconds East 159.1 feet  
 thence North 36 Degrees 24 Minutes 48 Seconds East 122.8 feet  
 thence North 58 Degrees 46 Minutes 27 Seconds East 134.2 feet  
 thence North 62 Degrees 09 Minutes 14 Seconds East 142 feet  
 thence North 86 Degrees 46 Minutes 02 Seconds East 129.8 feet  
 thence South 68 Degrees 56 Minutes 47 Seconds East 134.9 feet  
 thence North 78 Degrees 17 Minutes 49 Seconds East 124.8 feet  
 thence North 54 Degrees 57 Minutes 45 Seconds East 144.1 feet  
 thence North 49 Degrees 27 Minutes 32 Seconds East 149.9 feet  
 thence North 40 Degrees 45 Minutes 16 Seconds East 163.2 feet  
 thence North 33 Degrees 38 Minutes 18 Seconds East 166.2 feet  
 thence North 36 Degrees 36 Minutes 33 Seconds East 153.9 feet  
 thence North 38 Degrees 07 Minutes 32 Seconds East 146.6 feet  
 thence North 46 Degrees 24 Minutes 06 Seconds East 114.9 feet  
 thence North 70 Degrees 30 Minutes 25 Seconds East 115 feet  
 thence South 88 Degrees 50 Minutes 32 Seconds East 126 feet  
 thence South 87 Degrees 19 Minutes 16 Seconds East 124.8 feet  
 thence North 84 Degrees 56 Minutes 29 Seconds East 79.7 feet  
 thence North 40 Degrees 39 Minutes 51 Seconds East 56.5 feet  
 thence North 06 Degrees 53 Minutes 39 Seconds West 66 feet  
 thence North 24 Degrees 11 Minutes 04 Seconds West 68.2 feet  
 thence North 23 Degrees 56 Minutes 57 Seconds West 77 feet  
 thence North 18 Degrees 37 Minutes 09 Seconds West 79.5 feet  
 thence North 06 Degrees 48 Minutes 36 Seconds West 61.1 feet  
 thence North 21 Degrees 56 Minutes 51 Seconds East 72.7 feet  
 thence North 43 Degrees 51 Minutes 48 Seconds East 82.8 feet  
 thence North 52 Degrees 35 Minutes 07 Seconds East 89.2 feet  
 thence North 58 Degrees 30 Minutes 23 Seconds East 82.4 feet  
 thence North 45 Degrees 11 Minutes 53 Seconds East 74.9 feet  
 thence North 36 Degrees 03 Minutes 01 Seconds East 38.7 feet  
 thence North 34 Degrees 39 Minutes 28 Seconds East 40 feet  
 thence North 51 Degrees 00 Minutes 22 Seconds East 115.5 feet  
 thence North 43 Degrees 40 Minutes 00 Seconds East 159.6 feet  
 thence North 41 Degrees 56 Minutes 50 Seconds East 166.3 feet  
 thence North 54 Degrees 24 Minutes 46 Seconds East 153.5 feet  
 thence North 62 Degrees 58 Minutes 35 Seconds East 135.1 feet  
 thence North 62 Degrees 50 Minutes 11 Seconds East 127.2 feet  
 thence North 36 Degrees 38 Minutes 08 Seconds East 112.9 feet  
 thence North 36 Degrees 09 Minutes 02 Seconds East 126.9 feet  
 thence North 37 Degrees 07 Minutes 07 Seconds East 148.4 feet

thence North 34 Degrees 51 Minutes 16 Seconds East 156.6 feet

thence North 51 Degrees 18 Minutes 47 Seconds East 124.3 feet

thence North 63 Degrees 49 Minutes 31 Seconds East 139.2 feet

thence North 62 Degrees 53 Minutes 09 Seconds East 98 feet

thence North 62 Degrees 53 Minutes 09 Seconds East 42.5 feet more or less to **the ending**

**point at:** 41 degrees 23 minutes 47.69 seconds North Latitude and -113 degrees 07 minutes 55.32 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,192,676.3 feet and Y = 3,672,420.4 feet.



## Appendix E to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 009**

**Road-Segment Length: 1.09 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 8 North Range 11 West, Section(s) 20,21, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (East Hogup 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 41 degrees 23 minutes 48.37 seconds North Latitude and -113 degrees 07 minutes 53.71 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,192,800.3 feet and Y = 3,672,486.3 feet; thence the following courses along the said road center line:

thence North 61 Degrees 51 Minutes 46 Seconds East	72.6 feet
thence North 67 Degrees 00 Minutes 04 Seconds East	161.8 feet
thence North 80 Degrees 54 Minutes 34 Seconds East	140.1 feet
thence North 69 Degrees 49 Minutes 54 Seconds East	140.2 feet
thence North 66 Degrees 40 Minutes 51 Seconds East	138.6 feet
thence North 64 Degrees 54 Minutes 59 Seconds East	152.8 feet
thence North 60 Degrees 10 Minutes 15 Seconds East	186.6 feet
thence North 58 Degrees 18 Minutes 45 Seconds East	198.6 feet
thence North 61 Degrees 04 Minutes 09 Seconds East	215.2 feet
thence North 53 Degrees 35 Minutes 59 Seconds East	215.1 feet
thence North 50 Degrees 26 Minutes 43 Seconds East	230.4 feet
thence North 60 Degrees 59 Minutes 39 Seconds East	171.6 feet

thence North 80 Degrees 48 Minutes 07 Seconds East 170.3 feet  
 thence South 68 Degrees 19 Minutes 22 Seconds East 166.3 feet  
 thence South 60 Degrees 11 Minutes 08 Seconds East 150.2 feet  
 thence South 71 Degrees 44 Minutes 02 Seconds East 144 feet  
 thence South 77 Degrees 09 Minutes 51 Seconds East 152.6 feet  
 thence North 72 Degrees 15 Minutes 03 Seconds East 110.7 feet  
 thence North 67 Degrees 35 Minutes 52 Seconds East 117.9 feet  
 thence North 60 Degrees 59 Minutes 02 Seconds East 147 feet  
 thence North 53 Degrees 11 Minutes 18 Seconds East 162.8 feet  
 thence North 53 Degrees 39 Minutes 38 Seconds East 187 feet  
 thence North 60 Degrees 01 Minutes 02 Seconds East 169.1 feet  
 thence North 72 Degrees 43 Minutes 45 Seconds East 174.6 feet  
 thence North 77 Degrees 45 Minutes 02 Seconds East 182.7 feet  
 thence North 77 Degrees 44 Minutes 11 Seconds East 190.5 feet  
 thence South 88 Degrees 41 Minutes 51 Seconds East 172.3 feet  
 thence South 89 Degrees 48 Minutes 16 Seconds East 177.5 feet  
 thence North 86 Degrees 53 Minutes 11 Seconds East 169.2 feet  
 thence North 89 Degrees 39 Minutes 56 Seconds East 126.3 feet  
 thence South 63 Degrees 03 Minutes 26 Seconds East 118.1 feet  
 thence South 84 Degrees 19 Minutes 30 Seconds East 125.4 feet  
 thence North 89 Degrees 00 Minutes 09 Seconds East 141.7 feet  
 thence South 82 Degrees 29 Minutes 29 Seconds East 120.2 feet  
 thence South 87 Degrees 14 Minutes 24 Seconds East 121.6 feet  
 thence North 87 Degrees 15 Minutes 35 Seconds East 117.2 feet  
 thence South 79 Degrees 32 Minutes 19 Seconds East 78.8 feet  
 thence South 28 Degrees 05 Minutes 35 Seconds East 29.6 feet  
 thence South 28 Degrees 05 Minutes 33 Seconds East 22.8 feet more or less to **the ending**

**point at:** 41 degrees 24 minutes 01.18 seconds North Latitude and -113 degrees 06 minutes 44.65 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,198,085.9 feet and Y = 3,673,684.0 feet.



## Appendix F to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 011**

**Road-Segment Length: 0.46 miles more or less.**

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

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

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

This road-segment may traverse:

Township 8 North Range 11 West, Section(s) 27,28, Salt Lake Base & Meridian

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

**Beginning at a point** on the road center line located at 41 degrees 23 minutes 47.11 seconds North Latitude and -113 degrees 06 minutes 03.86 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,201,168.2 feet and Y = 3,672,203.4 feet; thence the following courses along the said road center line:

thence South 65 Degrees 21 Minutes 21 Seconds East	148.4 feet
thence South 64 Degrees 55 Minutes 21 Seconds East	233.2 feet
thence South 65 Degrees 33 Minutes 11 Seconds East	230.9 feet
thence South 64 Degrees 44 Minutes 54 Seconds East	231.7 feet
thence South 65 Degrees 31 Minutes 08 Seconds East	230.6 feet
thence South 64 Degrees 46 Minutes 15 Seconds East	234.9 feet
thence South 64 Degrees 38 Minutes 25 Seconds East	231.6 feet
thence South 65 Degrees 16 Minutes 38 Seconds East	228.5 feet
thence South 65 Degrees 12 Minutes 26 Seconds East	227.9 feet
thence South 65 Degrees 08 Minutes 14 Seconds East	227.3 feet
thence South 65 Degrees 02 Minutes 45 Seconds East	186.8 feet
thence South 65 Degrees 02 Minutes 48 Seconds East	32.3 feet more or less to <b>the ending</b>

**point at:** 41 degrees 23 minutes 37.35 seconds North Latitude and -113 degrees 05 minutes 34.53 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,203,385.1 feet and Y = 3,671,174.3 feet.



## Appendix G to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 013**

**Road-Segment Length: 1.01 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 8 North Range 11 West, Section(s) 23,26, Salt Lake Base & Meridian

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

**Beginning at a point** on the road center line located at 41 degrees 23 minutes 02.13 seconds North Latitude and -113 degrees 04 minutes 24.69 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,208,677.2 feet and Y = 3,669,453.1 feet; thence the following courses along the said road center line:

thence North 42 Degrees 29 Minutes 57 Seconds East	49.4 feet
thence North 42 Degrees 35 Minutes 41 Seconds East	237.5 feet
thence North 45 Degrees 23 Minutes 39 Seconds East	237.3 feet
thence North 46 Degrees 29 Minutes 43 Seconds East	232.6 feet
thence North 45 Degrees 14 Minutes 00 Seconds East	234.3 feet
thence North 46 Degrees 10 Minutes 55 Seconds East	245.5 feet
thence North 46 Degrees 17 Minutes 48 Seconds East	252.7 feet
thence North 45 Degrees 55 Minutes 14 Seconds East	254.3 feet
thence North 45 Degrees 44 Minutes 21 Seconds East	260.1 feet
thence North 45 Degrees 51 Minutes 27 Seconds East	267.8 feet
thence North 45 Degrees 49 Minutes 07 Seconds East	265.2 feet
thence North 46 Degrees 17 Minutes 57 Seconds East	219.8 feet

thence North 52 Degrees 29 Minutes 42 Seconds East 187.3 feet  
thence North 74 Degrees 40 Minutes 45 Seconds East 196.6 feet  
thence North 77 Degrees 00 Minutes 54 Seconds East 217.2 feet  
thence North 74 Degrees 35 Minutes 40 Seconds East 233.4 feet  
thence North 75 Degrees 14 Minutes 50 Seconds East 250.3 feet  
thence North 76 Degrees 16 Minutes 24 Seconds East 247.9 feet  
thence North 76 Degrees 39 Minutes 36 Seconds East 247.8 feet  
thence North 75 Degrees 27 Minutes 17 Seconds East 260.6 feet  
thence North 76 Degrees 08 Minutes 58 Seconds East 280.7 feet  
thence North 75 Degrees 35 Minutes 56 Seconds East 297 feet  
thence North 76 Degrees 19 Minutes 48 Seconds East 11.5 feet

thence North 76 Degrees 19 Minutes 45 Seconds East 145 feet more or less to **the ending point at:** 41 degrees 23 minutes 48.06 seconds North Latitude and -113 degrees 03 minutes 27.17 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,213,109.0 feet and Y = 3,672,082.5 feet.



## Appendix H to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 015**

**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 8 North Range 11 West, Section(s) 13,24, Salt Lake Base & Meridian

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

**Beginning at a point** on the road center line located at 41 degrees 23 minutes 50.43 seconds North Latitude and -113 degrees 03 minutes 14.85 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,214,052.3 feet and Y = 3,672,305.1 feet; thence the following courses along the said road center line:

thence North 80 Degrees 29 Minutes 03 Seconds East	17.2 feet
thence North 80 Degrees 29 Minutes 05 Seconds East	122.9 feet
thence North 84 Degrees 01 Minutes 13 Seconds East	316.8 feet
thence South 89 Degrees 42 Minutes 52 Seconds East	303.5 feet
thence South 88 Degrees 30 Minutes 18 Seconds East	257 feet
thence South 88 Degrees 05 Minutes 49 Seconds East	252.2 feet
thence South 87 Degrees 33 Minutes 53 Seconds East	271.6 feet
thence South 88 Degrees 00 Minutes 12 Seconds East	282.4 feet
thence South 87 Degrees 58 Minutes 53 Seconds East	279.8 feet
thence South 87 Degrees 52 Minutes 51 Seconds East	268.3 feet
thence South 78 Degrees 58 Minutes 47 Seconds East	250 feet
thence South 75 Degrees 47 Minutes 17 Seconds East	241.7 feet

thence South 76 Degrees 20 Minutes 09 Seconds East 237.4 feet  
 thence South 77 Degrees 26 Minutes 17 Seconds East 227.9 feet  
 thence North 88 Degrees 19 Minutes 24 Seconds East 210 feet  
 thence North 58 Degrees 28 Minutes 15 Seconds East 209 feet  
 thence North 30 Degrees 03 Minutes 38 Seconds East 215.3 feet  
 thence North 23 Degrees 43 Minutes 33 Seconds East 235 feet  
 thence North 23 Degrees 24 Minutes 06 Seconds East 252.7 feet  
 thence North 23 Degrees 46 Minutes 37 Seconds East 257 feet  
 thence North 22 Degrees 36 Minutes 30 Seconds East 260.1 feet  
 thence North 23 Degrees 36 Minutes 49 Seconds East 260.3 feet  
 thence North 23 Degrees 39 Minutes 53 Seconds East 262.2 feet  
 thence North 23 Degrees 45 Minutes 53 Seconds East 266 feet  
 thence North 23 Degrees 36 Minutes 20 Seconds East 253.1 feet  
 thence North 23 Degrees 14 Minutes 51 Seconds East 225.5 feet  
 thence North 24 Degrees 04 Minutes 47 Seconds East 207.2 feet  
 thence North 24 Degrees 15 Minutes 21 Seconds East 212.9 feet  
 thence North 26 Degrees 23 Minutes 00 Seconds East 220.4 feet  
 thence North 15 Degrees 01 Minutes 52 Seconds East 209.3 feet  
 thence North 08 Degrees 15 Minutes 00 Seconds West 173.9 feet  
 thence North 26 Degrees 14 Minutes 26 Seconds West 178.7 feet  
 thence North 31 Degrees 17 Minutes 52 Seconds West 214.3 feet  
 thence North 32 Degrees 24 Minutes 29 Seconds West 87.1 feet  
 thence North 32 Degrees 44 Minutes 27 Seconds West 134.1 feet  
 thence North 31 Degrees 10 Minutes 01 Seconds West 246.4 feet  
 thence North 32 Degrees 13 Minutes 30 Seconds West 260.8 feet  
 thence North 31 Degrees 17 Minutes 52 Seconds West 279.3 feet  
 thence North 29 Degrees 27 Minutes 59 Seconds West 281.7 feet  
 thence North 25 Degrees 23 Minutes 20 Seconds West 300.6 feet  
 thence North 24 Degrees 40 Minutes 06 Seconds West 13.1 feet  
 thence North 24 Degrees 40 Minutes 11 Seconds West 7.8 feet more or less to **the ending point**

**at:** 41 degrees 24 minutes 39.16 seconds North Latitude and -113 degrees 02 minutes 23.47 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,218,055.3 feet and Y = 3,677,166.5 feet.



## Appendix I to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 017**

**Road-Segment Length: 0.87 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 8 North Range 11 West, Section(s) 12, Salt Lake Base & Meridian

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

**Beginning at a point** on the road center line located at 41 degrees 25 minutes 34.68 seconds North Latitude and -113 degrees 02 minutes 052.5 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,215,943.6 feet and Y = 3,682,824.1 feet; thence the following courses along the said road center line:

thence North 22 Degrees 20 Minutes 38 Seconds West 10.2 feet  
thence North 22 Degrees 20 Minutes 39 Seconds West 76.6 feet  
thence North 22 Degrees 58 Minutes 18 Seconds West 250.6 feet  
thence North 22 Degrees 08 Minutes 10 Seconds West 258 feet  
thence North 22 Degrees 16 Minutes 03 Seconds West 265.3 feet  
thence North 22 Degrees 37 Minutes 20 Seconds West 287.2 feet  
thence North 22 Degrees 25 Minutes 16 Seconds West 306.3 feet  
thence North 22 Degrees 27 Minutes 40 Seconds West 322.3 feet  
thence North 22 Degrees 39 Minutes 35 Seconds West 333.4 feet  
thence North 22 Degrees 29 Minutes 50 Seconds West 338.3 feet  
thence North 22 Degrees 23 Minutes 30 Seconds West 341.6 feet  
thence North 22 Degrees 54 Minutes 14 Seconds West 341.1 feet

thence North 22 Degrees 09 Minutes 24 Seconds West 340.7 feet

thence North 22 Degrees 40 Minutes 44 Seconds West 340.9 feet

thence North 22 Degrees 26 Minutes 17 Seconds West 347 feet

thence North 22 Degrees 44 Minutes 08 Seconds West 349.5 feet

thence North 23 Degrees 05 Minutes 29 Seconds West 41.4 feet

thence North 23 Degrees 05 Minutes 27 Seconds West 30.5 feet more or less to **the ending**

**point at:** 41 degrees 26 minutes 16.16 seconds North Latitude and -113 degrees 03 minutes 16.53 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,214,188.2 feet and Y = 3,687,055.2 feet.



## Appendix J to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 019**

**Road-Segment Length: 1.09 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 8 North Range 11 West, Section(s) 2, Salt Lake Base & Meridian

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

**Beginning at a point** on the road center line located at 41 degrees 26 minutes 28.76 seconds North Latitude and -113 degrees 03 minutes 19.38 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,213,994.3 feet and Y = 3,688,333.8 feet; thence the following courses along the said road center line:

thence North 01 Degrees 04 Minutes 47 Seconds West 99.2 feet  
thence North 01 Degrees 00 Minutes 57 Seconds West 331.4 feet  
thence North 00 Degrees 54 Minutes 50 Seconds West 324.8 feet  
thence North 00 Degrees 38 Minutes 13 Seconds West 311.4 feet  
thence North 01 Degrees 11 Minutes 31 Seconds West 307.1 feet  
thence North 00 Degrees 52 Minutes 51 Seconds West 275.6 feet  
thence North 00 Degrees 48 Minutes 15 Seconds West 280.5 feet  
thence North 00 Degrees 04 Minutes 34 Seconds West 290.4 feet  
thence North 06 Degrees 52 Minutes 29 Seconds West 270.8 feet  
thence North 19 Degrees 55 Minutes 23 Seconds West 268.1 feet  
thence North 19 Degrees 55 Minutes 20 Seconds West 283.8 feet  
thence North 19 Degrees 09 Minutes 21 Seconds West 292.9 feet

thence North 19 Degrees 46 Minutes 44 Seconds West 288.8 feet  
thence North 19 Degrees 06 Minutes 25 Seconds West 282.4 feet  
thence North 19 Degrees 05 Minutes 42 Seconds West 292.8 feet  
thence North 19 Degrees 46 Minutes 18 Seconds West 290.9 feet  
thence North 26 Degrees 30 Minutes 04 Seconds West 273.8 feet  
thence North 28 Degrees 46 Minutes 25 Seconds West 287.3 feet  
thence North 28 Degrees 58 Minutes 51 Seconds West 299.1 feet  
thence North 28 Degrees 50 Minutes 46 Seconds West 315.5 feet  
thence North 29 Degrees 15 Minutes 48 Seconds West 85.7 feet more or less to **the ending**

**point at:** 41 degrees 27 minutes 22.69 seconds North Latitude and -113 degrees 03 minutes 38.15 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,212,662.6 feet and Y = 3,693,816.8 feet.



## Appendix K to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 021**

**Road-Segment Length: 0.77 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 9 North Range 11 West, Section(s) 26,27, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (East Hogup 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 41 degrees 28 minutes 14.82 seconds North Latitude and -113 degrees 04 minutes 11.09 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,210,250.6 feet and Y = 3,699,137.5 feet; thence the following courses along the said road center line:

thence North 13 Degrees 36 Minutes 28 Seconds West 16.5 feet  
thence North 13 Degrees 36 Minutes 26 Seconds West 208.1 feet  
thence North 13 Degrees 55 Minutes 17 Seconds West 252.8 feet  
thence North 14 Degrees 17 Minutes 17 Seconds West 270.8 feet  
thence North 13 Degrees 45 Minutes 57 Seconds West 278.3 feet  
thence North 14 Degrees 07 Minutes 36 Seconds West 297.3 feet  
thence North 13 Degrees 42 Minutes 52 Seconds West 311.9 feet  
thence North 13 Degrees 55 Minutes 19 Seconds West 324 feet  
thence North 14 Degrees 11 Minutes 39 Seconds West 332.8 feet  
thence North 13 Degrees 58 Minutes 57 Seconds West 339.3 feet  
thence North 13 Degrees 49 Minutes 54 Seconds West 320.5 feet  
thence North 13 Degrees 51 Minutes 27 Seconds West 283.4 feet

thence North 19 Degrees 02 Minutes 48 Seconds West 237.3 feet

thence North 33 Degrees 02 Minutes 02 Seconds West 241.7 feet

thence North 34 Degrees 05 Minutes 11 Seconds West 212.3 feet

thence North 34 Degrees 05 Minutes 11 Seconds West 48.2 feet

thence North 33 Degrees 43 Minutes 30 Seconds West 89.8 feet more or less to **the ending**

**point at:** 41 degrees 28 minutes 52.72 seconds North Latitude and -113 degrees 04 minutes 27.56 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,209,066.3 feet and Y = 3,702,995.3 feet.

## Appendix L to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 023**

**Road-Segment Length: 1.11 miles more or less.**

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

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

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

This road-segment may traverse:

Township 9 North Range 11 West, Section(s) 15,22, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (East Hogup 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 41 degrees 29 minutes 06.76 seconds North Latitude and -113 degrees 04 minutes 40.89 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,208,077.8 feet and Y = 3,704,434.4 feet; thence the following courses along the said road center line:

thence North 34 Degrees 40 Minutes 36 Seconds West 152 feet  
thence North 35 Degrees 00 Minutes 55 Seconds West 221.4 feet  
thence North 34 Degrees 20 Minutes 16 Seconds West 217.7 feet  
thence North 34 Degrees 34 Minutes 00 Seconds West 212.3 feet  
thence North 33 Degrees 36 Minutes 49 Seconds West 202.1 feet  
thence North 34 Degrees 03 Minutes 12 Seconds West 193.3 feet  
thence North 34 Degrees 27 Minutes 54 Seconds West 107 feet  
thence North 34 Degrees 33 Minutes 07 Seconds West 89.3 feet  
thence North 34 Degrees 43 Minutes 46 Seconds West 192.8 feet  
thence North 34 Degrees 26 Minutes 22 Seconds West 176.7 feet  
thence North 34 Degrees 09 Minutes 04 Seconds West 167.4 feet  
thence North 35 Degrees 35 Minutes 02 Seconds West 150.6 feet



thence North 34 Degrees 53 Minutes 05 Seconds West 145.8 feet  
thence North 33 Degrees 29 Minutes 08 Seconds West 144.6 feet  
thence North 33 Degrees 59 Minutes 30 Seconds West 149.8 feet  
thence North 34 Degrees 44 Minutes 10 Seconds West 169 feet  
thence North 34 Degrees 16 Minutes 42 Seconds West 186.3 feet  
thence North 35 Degrees 08 Minutes 02 Seconds West 197.8 feet  
thence North 33 Degrees 23 Minutes 37 Seconds West 189.5 feet  
thence North 24 Degrees 33 Minutes 51 Seconds West 165.5 feet  
thence North 17 Degrees 18 Minutes 03 Seconds West 169.8 feet  
thence North 15 Degrees 32 Minutes 40 Seconds West 175.1 feet  
thence North 16 Degrees 07 Minutes 18 Seconds West 177.3 feet  
thence North 16 Degrees 07 Minutes 18 Seconds West 177.3 feet  
thence North 17 Degrees 20 Minutes 40 Seconds West 175 feet  
thence North 16 Degrees 08 Minutes 49 Seconds West 172.2 feet  
thence North 16 Degrees 06 Minutes 37 Seconds West 165.3 feet  
thence North 16 Degrees 17 Minutes 54 Seconds West 158.7 feet  
thence North 16 Degrees 40 Minutes 06 Seconds West 147 feet  
thence North 16 Degrees 01 Minutes 58 Seconds West 134.6 feet  
thence North 16 Degrees 29 Minutes 06 Seconds West 114.4 feet  
thence North 16 Degrees 32 Minutes 19 Seconds West 90.5 feet  
thence North 16 Degrees 28 Minutes 30 Seconds West 80.3 feet  
thence North 16 Degrees 55 Minutes 26 Seconds West 80.4 feet  
thence North 15 Degrees 40 Minutes 55 Seconds West 73.1 feet  
thence North 16 Degrees 18 Minutes 59 Seconds West 75.1 feet  
thence North 16 Degrees 18 Minutes 59 Seconds West 75.1 feet  
thence North 15 Degrees 46 Minutes 35 Seconds West 71.5 feet  
thence North 16 Degrees 08 Minutes 04 Seconds West 69.9 feet  
thence North 17 Degrees 13 Minutes 00 Seconds West 26.5 feet  
thence North 17 Degrees 13 Minutes 00 Seconds West 15.7 feet more or less to **the ending**

**point at:** 41 degrees 29 minutes 57.37 seconds North Latitude and -113 degrees 05 minutes 16.26 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,205,479.9 feet and Y = 3,709,604.8 feet.

## Appendix M to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 025**

**Road-Segment Length: 0.72 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 9 North Range 11 West, Section(s) 10, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (East Hogup Road)-- Segment 025 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 41 degrees 30 minutes 50.04 seconds North Latitude and -113 degrees 05 minutes 33.67 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,204,252.8 feet and Y = 3,714,959.8 feet; thence the following courses along the said road center line:

thence North 00 Degrees 32 Minutes 03 Seconds West 3.4 feet  
thence North 00 Degrees 31 Minutes 57 Seconds West 228.9 feet  
thence North 00 Degrees 20 Minutes 14 Seconds West 310 feet  
thence North 00 Degrees 20 Minutes 14 Seconds West 319.9 feet  
thence North 00 Degrees 01 Minutes 27 Seconds West 300.2 feet  
thence North 00 Degrees 20 Minutes 14 Seconds West 272.3 feet  
thence North 00 Degrees 02 Minutes 01 Seconds West 247.7 feet  
thence North 00 Degrees 16 Minutes 01 Seconds West 267.4 feet  
thence North 00 Degrees 17 Minutes 01 Seconds East 272.3 feet  
thence North 00 Degrees 02 Minutes 55 Seconds East 292 feet  
thence North 00 Degrees 36 Minutes 22 Seconds East 278.9 feet  
thence North 13 Degrees 44 Minutes 47 Seconds West 210.8 feet

thence North 27 Degrees 19 Minutes 03 Seconds West 243 feet  
thence North 27 Degrees 45 Minutes 53 Seconds West 282.8 feet  
thence North 27 Degrees 30 Minutes 24 Seconds West 259.9 feet more or less to **the ending**  
**point at:** 41 degrees 31 minutes 26.46 seconds North Latitude and -113 degrees 05 minutes 40.05 seconds  
West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet  
coordinates of X = 1,203,835.0 feet and Y = 3,718,654.1 feet.



## Appendix N to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 027**

**Road-Segment Length: 1.05 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 9 North Range 11 West, Section(s) 4, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (East Hogup Road)-- Segment 027 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 41 degrees 31 minutes 42.23 seconds North Latitude and -113 degrees 05 minutes 51.62 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,202,984.6 feet and Y = 3,720,265.9 feet; thence the following courses along the said road center line:

thence North 27 Degrees 30 Minutes 26 Seconds West 2.3 feet  
thence North 27 Degrees 30 Minutes 27 Seconds West 262.2 feet  
thence North 27 Degrees 46 Minutes 32 Seconds West 366 feet  
thence North 28 Degrees 02 Minutes 13 Seconds West 370.5 feet  
thence North 27 Degrees 40 Minutes 23 Seconds West 360.1 feet  
thence North 27 Degrees 46 Minutes 29 Seconds West 356.7 feet  
thence North 28 Degrees 06 Minutes 04 Seconds West 357.8 feet  
thence North 27 Degrees 43 Minutes 10 Seconds West 360.2 feet  
thence North 27 Degrees 44 Minutes 18 Seconds West 362.1 feet  
thence North 27 Degrees 45 Minutes 57 Seconds West 360.4 feet  
thence North 27 Degrees 43 Minutes 11 Seconds West 360.2 feet  
thence North 27 Degrees 39 Minutes 14 Seconds West 358.2 feet

thence North 27 Degrees 48 Minutes 10 Seconds West 355 feet  
thence North 27 Degrees 50 Minutes 30 Seconds West 340.3 feet  
thence North 26 Degrees 09 Minutes 07 Seconds West 313.4 feet  
thence North 27 Degrees 48 Minutes 44 Seconds West 286.6 feet  
thence North 28 Degrees 00 Minutes 01 Seconds West 291.1 feet  
thence North 26 Degrees 52 Minutes 34 Seconds West 97.1 feet more or less to **the ending**

**point at:** 41 degrees 32 minutes 30.39 seconds North Latitude and -113 degrees 06 minutes 26.78 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,200,401.0 feet and Y = 3,725,189.3 feet.

## Appendix O to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 029**

**Road-Segment Length: 0.56 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 10 North Range 11 West, Section(s) 33, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (East Hogup 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 41 degrees 32 minutes 33.92 seconds North Latitude and -113 degrees 06 minutes 29.25 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,200,219.9 feet and Y = 3,725,549.3 feet; thence the following courses along the said road center line:

thence North 26 Degrees 29 Minutes 39 Seconds West 140.3 feet

thence North 26 Degrees 52 Minutes 42 Seconds West 340.7 feet

thence North 27 Degrees 05 Minutes 55 Seconds West 343.9 feet

thence North 26 Degrees 33 Minutes 12 Seconds West 336.4 feet

thence North 26 Degrees 54 Minutes 11 Seconds West 326.5 feet

thence North 26 Degrees 58 Minutes 57 Seconds West 317.5 feet

thence North 27 Degrees 05 Minutes 26 Seconds West 314.1 feet

thence North 26 Degrees 40 Minutes 11 Seconds West 324 feet

thence North 26 Degrees 36 Minutes 13 Seconds West 336.6 feet

thence North 26 Degrees 44 Minutes 05 Seconds West 179.7 feet more or less to **the ending**

**point at:** 41 degrees 32 minutes 59.76 seconds North Latitude and -113 degrees 06 minutes 47.46 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet



coordinates of X = 1,198,884.4 feet and Y = 3,728,190.6 feet.

## Appendix P to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 032**

**Road-Segment Length: 1.02 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 10 North Range 11 West, Section(s) 17,20, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (East Hogup 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 41 degrees 34 minutes 15.75 seconds North Latitude and -113 degrees 06 minutes 059.7 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,198,096.9 feet and Y = 3,735,897.5 feet; thence the following courses along the said road center line:

thence North 00 Degrees 08 Minutes 04 Seconds West 98.2 feet  
thence North 07 Degrees 41 Minutes 20 Seconds West 279.5 feet  
thence North 08 Degrees 04 Minutes 52 Seconds West 294.7 feet  
thence North 07 Degrees 37 Minutes 08 Seconds West 315.9 feet  
thence North 08 Degrees 14 Minutes 23 Seconds West 324.6 feet  
thence North 08 Degrees 06 Minutes 05 Seconds West 332.8 feet  
thence North 07 Degrees 31 Minutes 57 Seconds West 340.6 feet  
thence North 07 Degrees 14 Minutes 13 Seconds West 338.7 feet  
thence North 08 Degrees 47 Minutes 58 Seconds West 330 feet  
thence North 15 Degrees 53 Minutes 10 Seconds West 304.8 feet  
thence North 19 Degrees 26 Minutes 48 Seconds West 291.7 feet  
thence North 18 Degrees 13 Minutes 46 Seconds West 294.8 feet

thence North 17 Degrees 21 Minutes 52 Seconds West 303.7 feet

thence North 17 Degrees 24 Minutes 54 Seconds West 310.6 feet

thence North 17 Degrees 56 Minutes 53 Seconds West 316.7 feet

thence North 12 Degrees 40 Minutes 04 Seconds West 325.7 feet

thence North 08 Degrees 52 Minutes 12 Seconds West 338.4 feet

thence North 08 Degrees 29 Minutes 04 Seconds West 243 feet

thence North 08 Degrees 29 Minutes 06 Seconds West 16.2 feet more or less to **the ending**

**point at:** 41 degrees 35 minutes 07.66 seconds North Latitude and -113 degrees 07 minutes 15.04 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,197,029.0 feet and Y = 3,741,172.2 feet.



## Appendix Q to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 034**

**Road-Segment Length: 1.06 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 10 North Range 11 West, Section(s) 5,8, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (East Hogup Road)-- Segment 034 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 41 degrees 36 minutes 00.11 seconds North Latitude and -113 degrees 07 minutes 29.16 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,196,055.5 feet and Y = 3,746,500.1 feet; thence the following courses along the said road center line:

thence North 20 Degrees 07 Minutes 31 Seconds West 5.9 feet  
thence North 19 Degrees 31 Minutes 17 Seconds West 286.6 feet  
thence North 19 Degrees 47 Minutes 37 Seconds West 297.5 feet  
thence North 19 Degrees 48 Minutes 46 Seconds West 314.9 feet  
thence North 19 Degrees 19 Minutes 14 Seconds West 315.7 feet  
thence North 20 Degrees 09 Minutes 00 Seconds West 306.9 feet  
thence North 19 Degrees 36 Minutes 55 Seconds West 304.1 feet  
thence North 19 Degrees 57 Minutes 00 Seconds West 318.7 feet  
thence North 19 Degrees 43 Minutes 24 Seconds West 332.1 feet  
thence North 19 Degrees 42 Minutes 32 Seconds West 337.3 feet  
thence North 15 Degrees 22 Minutes 29 Seconds West 351.6 feet  
thence North 13 Degrees 55 Minutes 33 Seconds West 364.5 feet

thence North 13 Degrees 44 Minutes 14 Seconds West 371 feet  
thence North 13 Degrees 53 Minutes 42 Seconds West 369.5 feet  
thence North 14 Degrees 12 Minutes 30 Seconds West 353.1 feet  
thence North 14 Degrees 08 Minutes 53 Seconds West 339.5 feet  
thence North 13 Degrees 29 Minutes 33 Seconds West 330.2 feet  
thence North 13 Degrees 19 Minutes 14 Seconds West 99.3 feet  
thence North 13 Degrees 10 Minutes 37 Seconds West 200.1 feet  
thence North 13 Degrees 10 Minutes 06 Seconds West 2.3 feet more or less to **the ending point**

**at:** 41 degrees 36 minutes 52.68 seconds North Latitude and -113 degrees 07 minutes 51.87 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,194,429.8 feet and Y = 3,751,852.6 feet.

## Appendix R to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 036**

**Road-Segment Length: 2.44 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 10 North Range 11 West, Section(s) 6, Salt Lake Base & Meridian

Township 11 North Range 11 West, Section(s) 30,31, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (East Hogup 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 41 degrees 37 minutes 26.58 seconds North Latitude and -113 degrees 08 minutes 03.98 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,193,575.0 feet and Y = 3,755,300.3 feet; thence the following courses along the said road center line:

thence North 13 Degrees 40 Minutes 55 Seconds West 171.7 feet  
thence North 13 Degrees 57 Minutes 56 Seconds West 310.6 feet  
thence North 13 Degrees 35 Minutes 04 Seconds West 305 feet  
thence North 14 Degrees 10 Minutes 25 Seconds West 314.2 feet  
thence North 13 Degrees 28 Minutes 28 Seconds West 333.5 feet  
thence North 13 Degrees 47 Minutes 03 Seconds West 407.8 feet  
thence North 13 Degrees 58 Minutes 31 Seconds West 92.3 feet  
thence North 13 Degrees 58 Minutes 31 Seconds West 191.6 feet  
thence North 13 Degrees 52 Minutes 01 Seconds West 357.7 feet  
thence North 13 Degrees 48 Minutes 18 Seconds West 350.8 feet  
thence North 14 Degrees 06 Minutes 38 Seconds West 359.7 feet



thence North 13 Degrees 49 Minutes 35 Seconds West 364.4 feet  
thence North 13 Degrees 51 Minutes 59 Seconds West 366.1 feet  
thence North 13 Degrees 44 Minutes 08 Seconds West 362.5 feet  
thence North 10 Degrees 58 Minutes 08 Seconds East 6.7 feet  
thence North 14 Degrees 12 Minutes 44 Seconds West 359.9 feet  
thence North 13 Degrees 51 Minutes 21 Seconds West 376.2 feet  
thence North 13 Degrees 53 Minutes 30 Seconds West 385.1 feet  
thence North 13 Degrees 25 Minutes 54 Seconds West 395.4 feet  
thence North 13 Degrees 48 Minutes 01 Seconds West 403.1 feet  
thence North 13 Degrees 56 Minutes 11 Seconds West 403.4 feet  
thence North 14 Degrees 00 Minutes 04 Seconds West 400.1 feet  
thence North 13 Degrees 57 Minutes 02 Seconds West 377.8 feet  
thence North 13 Degrees 57 Minutes 04 Seconds West 7 feet  
thence North 13 Degrees 33 Minutes 51 Seconds West 375.8 feet  
thence North 13 Degrees 35 Minutes 25 Seconds West 370.8 feet  
thence North 13 Degrees 38 Minutes 55 Seconds West 369.2 feet  
thence North 14 Degrees 29 Minutes 55 Seconds West 375.6 feet  
thence North 13 Degrees 57 Minutes 03 Seconds West 384.8 feet  
thence North 14 Degrees 12 Minutes 47 Seconds West 388.6 feet  
thence North 13 Degrees 40 Minutes 01 Seconds West 391.4 feet  
thence North 13 Degrees 31 Minutes 04 Seconds West 387.2 feet  
thence North 14 Degrees 14 Minutes 56 Seconds West 106.5 feet  
thence North 14 Degrees 03 Minutes 49 Seconds West 290.4 feet  
thence North 13 Degrees 44 Minutes 17 Seconds West 406.4 feet  
thence North 13 Degrees 48 Minutes 03 Seconds West 403.1 feet  
thence North 13 Degrees 36 Minutes 11 Seconds West 406.2 feet  
thence North 14 Degrees 01 Minutes 59 Seconds West 410.3 feet  
thence North 13 Degrees 51 Minutes 48 Seconds West 414.6 feet more or less to **the ending**

**point at:** 41 degrees 39 minutes 29.56 seconds North Latitude and -113 degrees 08 minutes 47.67 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,190,493.6 feet and Y = 3,767,809.2 feet.

## Appendix S to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 038**

**Road-Segment Length: 0.96 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 11 North Range 11 West, Section(s) 18, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (East Hogup 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 41 degrees 40 minutes 22 seconds North Latitude and -113 degrees 09 minutes 06.26 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,189,183.7 feet and Y = 3,773,142.7 feet; thence the following courses along the said road center line:

thence North 13 Degrees 59 Minutes 45 Seconds West 22.3 feet  
thence North 14 Degrees 04 Minutes 41 Seconds West 15.2 feet  
thence North 14 Degrees 06 Minutes 05 Seconds West 346.2 feet  
thence North 13 Degrees 51 Minutes 29 Seconds West 359.4 feet  
thence North 13 Degrees 33 Minutes 32 Seconds West 367.3 feet  
thence North 13 Degrees 55 Minutes 34 Seconds West 363.2 feet  
thence North 13 Degrees 56 Minutes 11 Seconds West 340.6 feet  
thence North 11 Degrees 39 Minutes 07 Seconds West 20.1 feet  
thence North 11 Degrees 07 Minutes 24 Seconds West 313.9 feet  
thence North 08 Degrees 53 Minutes 10 Seconds West 346.7 feet  
thence North 09 Degrees 02 Minutes 26 Seconds West 360.1 feet  
thence North 08 Degrees 52 Minutes 22 Seconds West 364.9 feet

thence North 08 Degrees 50 Minutes 50 Seconds West 361.6 feet

thence North 08 Degrees 59 Minutes 28 Seconds West 353.4 feet

thence North 08 Degrees 49 Minutes 55 Seconds West 340 feet

thence North 08 Degrees 43 Minutes 10 Seconds West 333.3 feet

thence North 08 Degrees 58 Minutes 58 Seconds West 338.5 feet

thence North 08 Degrees 54 Minutes 49 Seconds West 116 feet more or less to **the ending**

**point at:** 41 degrees 41 minutes 010.9 seconds North Latitude and -113 degrees 09 minutes 20.03 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,188,233.2 feet and Y = 3,778,111.1 feet.



## Appendix T to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 040**

**Road-Segment Length: 0.46 miles more or less.**

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

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

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

This road-segment may traverse:

Township 11 North Range 12 West, Section(s) 12, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (East Hogup 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 41 degrees 41 minutes 13.78 seconds North Latitude and -113 degrees 09 minutes 020.7 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,188,187.7 feet and Y = 3,778,403.3 feet; thence the following courses along the said road center line:

thence North 08 Degrees 37 Minutes 41 Seconds West 273.1 feet

thence North 08 Degrees 27 Minutes 23 Seconds West 334.7 feet

thence North 09 Degrees 22 Minutes 25 Seconds West 315.6 feet

thence North 09 Degrees 30 Minutes 10 Seconds West 317.4 feet

thence North 03 Degrees 25 Minutes 53 Seconds West 310.5 feet

thence North 05 Degrees 29 Minutes 33 Seconds East 300.1 feet

thence North 16 Degrees 54 Minutes 46 Seconds East 307.5 feet

thence North 28 Degrees 48 Minutes 31 Seconds East 287.9 feet more or less to **the ending**

**point at:** 41 degrees 41 minutes 037.3 seconds North Latitude and -113 degrees 09 minutes 20.71 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,188,232.0 feet and Y = 3,780,783.9 feet.

## Appendix U to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 042**

**Road-Segment Length: 0.08 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 11 North Range 11 West, Section(s) 7, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (East Hogup 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 41 degrees 41 minutes 52.61 seconds North Latitude and -113 degrees 09 minutes 09.95 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,189,077.8 feet and Y = 3,782,317.5 feet; thence the following courses along the said road center line:

thence North 14 Degrees 22 Minutes 44 Seconds West 77.7 feet

thence North 15 Degrees 12 Minutes 19 Seconds West 176.5 feet

thence North 05 Degrees 59 Minutes 56 Seconds West 154 feet more or less to **the ending**

**point at:** 41 degrees 41 minutes 56.53 seconds North Latitude and -113 degrees 09 minutes 11.13 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,188,996.2 feet and Y = 3,782,716.2 feet.



## Appendix V to Attachment 4

**Popular Name: East Hogup Road**

**County: Box Elder**

**County Road Number: 7**

**State Geographic Information Database (SGID) Road Identification Number: RD020129.**

**Road-Segment Number: 044**

**Road-Segment Length: 1.48 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 11 North Range 11 West, Section(s) 6, Salt Lake Base & Meridian

Township 12 North Range 11 West, Section(s) 31, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (East Hogup 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 41 degrees 42 minutes 06.19 seconds North Latitude and -113 degrees 09 minutes 00.59 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,189,814.1 feet and Y = 3,783,678.8 feet; thence the following courses along the said road center line:

thence North 42 Degrees 37 Minutes 26 Seconds East	223.7 feet
thence North 42 Degrees 21 Minutes 11 Seconds East	236.6 feet
thence North 42 Degrees 58 Minutes 49 Seconds East	245.8 feet
thence North 42 Degrees 42 Minutes 00 Seconds East	258.1 feet
thence North 43 Degrees 10 Minutes 32 Seconds East	269.2 feet
thence North 43 Degrees 06 Minutes 51 Seconds East	275.7 feet
thence North 42 Degrees 46 Minutes 45 Seconds East	283.2 feet
thence North 43 Degrees 10 Minutes 35 Seconds East	287.3 feet
thence North 43 Degrees 08 Minutes 17 Seconds East	271.3 feet
thence North 42 Degrees 49 Minutes 21 Seconds East	260.9 feet
thence North 42 Degrees 58 Minutes 49 Seconds East	245.8 feet



thence North 42 Degrees 52 Minutes 08 Seconds East 245.3 feet  
thence North 39 Degrees 06 Minutes 17 Seconds East 242.2 feet  
thence North 25 Degrees 44 Minutes 08 Seconds East 224.6 feet  
thence North 17 Degrees 10 Minutes 41 Seconds East 208.1 feet  
thence North 03 Degrees 28 Minutes 16 Seconds East 207.2 feet  
thence North 06 Degrees 30 Minutes 12 Seconds West 207.9 feet  
thence North 08 Degrees 38 Minutes 04 Seconds West 213.8 feet  
thence North 07 Degrees 59 Minutes 32 Seconds West 226.8 feet  
thence North 07 Degrees 50 Minutes 05 Seconds West 241.6 feet  
thence North 08 Degrees 29 Minutes 01 Seconds West 250.2 feet  
thence North 08 Degrees 45 Minutes 24 Seconds West 262.3 feet  
thence North 08 Degrees 10 Minutes 04 Seconds West 269.9 feet  
thence North 08 Degrees 48 Minutes 56 Seconds West 271.7 feet  
thence North 08 Degrees 13 Minutes 34 Seconds West 240.7 feet  
thence North 08 Degrees 13 Minutes 36 Seconds West 17.7 feet  
thence North 08 Degrees 21 Minutes 15 Seconds West 268.4 feet  
thence North 08 Degrees 16 Minutes 21 Seconds West 278.3 feet  
thence North 08 Degrees 10 Minutes 34 Seconds West 286.5 feet  
thence North 08 Degrees 24 Minutes 23 Seconds West 278.3 feet  
thence North 08 Degrees 24 Minutes 12 Seconds West 266.7 feet  
thence North 06 Degrees 00 Minutes 42 Seconds West 222.5 feet more or less to **the ending**

**point at:** 41 degrees 43 minutes 14.05 seconds North Latitude and -113 degrees 08 minutes 37.25 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah North Zone NAD 83 feet coordinates of X = 1,191,714.0 feet and Y = 3,790,512.4 feet.