

Ent 401380 Bk A525 Pg 703  
Date: 27-DEC-2007 10:03AM  
Fee: None  
Filed By: CBN  
CAROLYNE MADSEN, Recorder  
DUCHESNE COUNTY CORPORATION  
For: STATE OF UTAH

**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over public lands, not reserved for public uses” under United States Revised Statutes 2477 (43 U.S.C. Section 932 (repealed October 21, 1976, with proviso recognizing the validity of rights-of-way already established)) was accepted for and on behalf of the State of Utah and its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 Duchesne County as it pertains to the highway located in Duchesne County known as Horner Knoll Road; County Road Number: 34; State Geographic Information Database (SGID) Road Identification Number: RD070011. Total road length is 25.01 miles more or less.

This Amended Acknowledgment and Amended Notice of Acknowledgment supersedes the information contained in the Acknowledgment recorded at Ent 393656, Bk A500, Beg Pg 324.

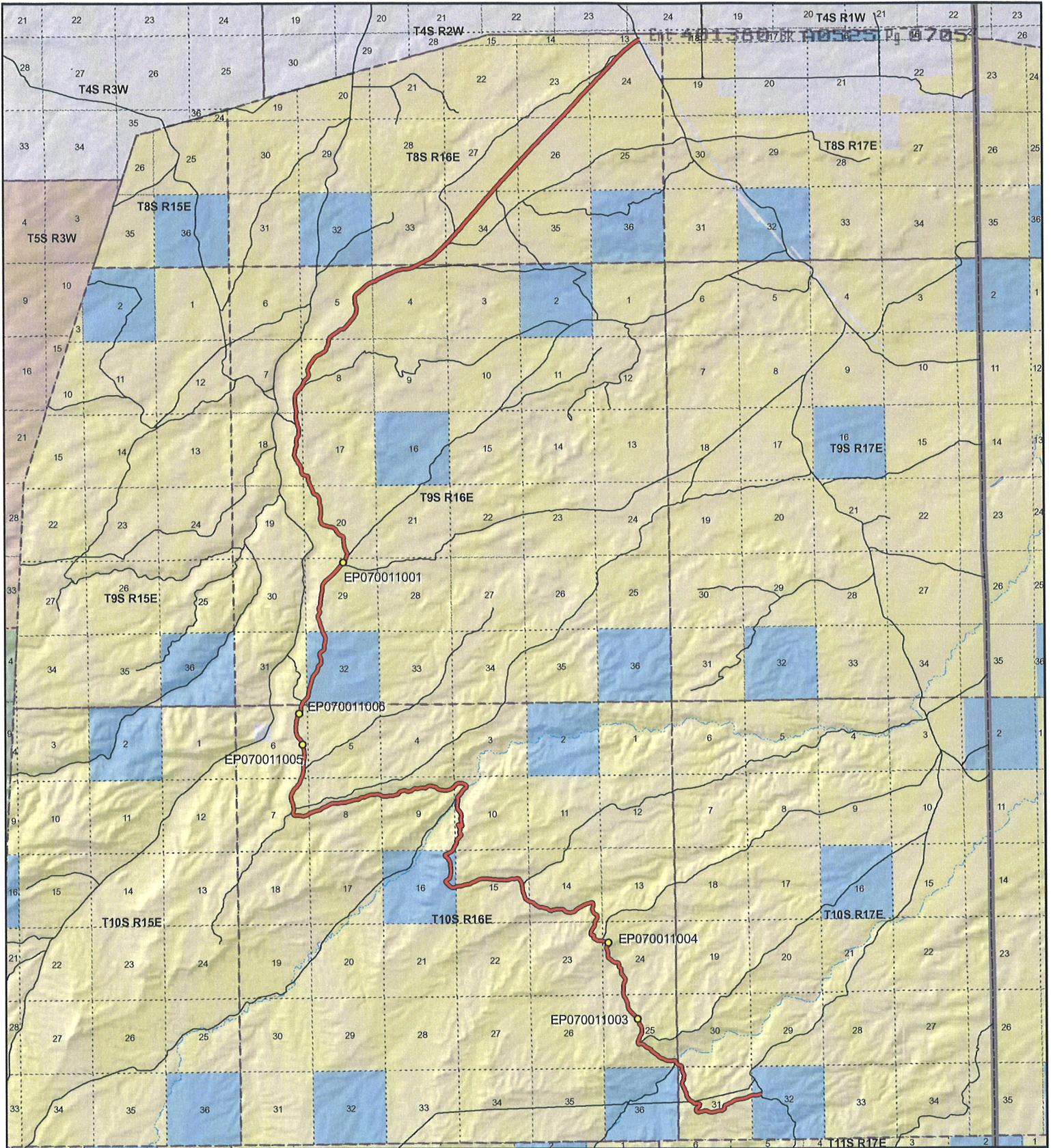
The reason for this Amended Acknowledgment and Amended Notice of Acknowledgment includes, but is not limited to, the fact that the road was constructed, mechanically, or by continuous use as a public highway for a period of at least ten years, over public lands not reserved for public uses, prior to 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.



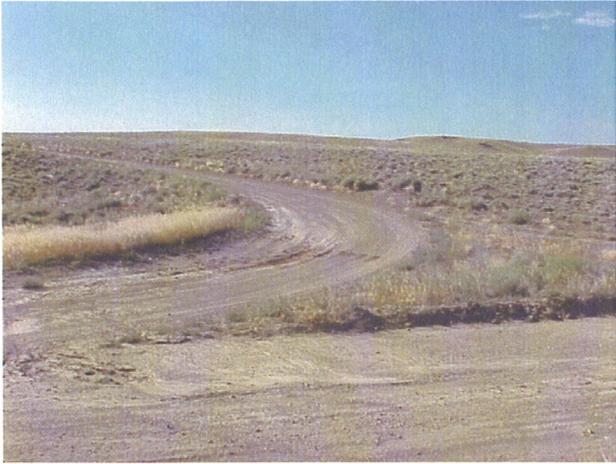


1:112,618  
1 inch equals 1.8 miles

### Horner Knoll Road - Duchesne County SGID RD\_ID RD070011

Land Ownership Categories		Transportation Network
BLM	Wilderness	Horner Knoll Road
Private	UDWR Wildlife Reserve	Title V: Issued Or Under Consideration By BLM Or County
SITLA, State Trust Land	DOD, Military	Other Roads
USFS, National Forest	State Sovereign Land	Photo Event Point
State Parks and Recreation	National Recreation Area	Section = 1 Mile
Tribal, Indian Reservation	USFWS, Natl. Wildlife Refuge	
NPS, National Park		

Map prepared by the State of Utah  
Automated Geographic Reference Center  
Room 5130 State Office Building  
Salt Lake City, Utah 84114  
Nov 11, 2006



EP070011001



EP070011003



EP070011004



EP070011005



EP07011006

EP000000000

**Horner Knoll Road - Duchesne County  
SGID RD\_ID RD070011**

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: Horner Knoll Road**

**County: Duchesne**

**County Road Number: 34**

**State Geographic Information Database (SGID) Road Identification Number: RD070011.**

**Total Road Length: 25.01 miles more or less.**

**Beginning at a point** on the road centerline located at 39 degrees 54 minutes 07.99 seconds North Latitude and -110 degrees 02 minutes 13.55 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,050,792.4 feet and Y = 7,136,463.7 feet based on the US Survey Foot conversion.

**Ending at a point** on the road centerline located at 40 degrees 06 minutes 41.09 seconds North Latitude and -110 degrees 03 minutes 50.57 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,042,009.8 feet and Y = 7,212,531.0 feet based on the US Survey Foot conversion.

This road may traverse:

Township 10 South Range 16 East, Section(s) 6,7,8,9,10,14,15,16,23,24,25, Salt Lake Base & Meridian

Township 10 South Range 17 East, Section(s) 30,31,32, Salt Lake Base & Meridian

Township 8 South Range 16 East, Section(s) 13,23,24,26,27,33,34, Salt Lake Base & Meridian

Township 9 South Range 16 East, Section(s) 4,5,7,8,17,18,20,29,31,32, 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: Horner Knoll Road**

**County: Duchesne**

**County Road Number: 34**

**State Geographic Information Database (SGID) Road Identification Number: RD070011.**

**Total Road Length: 25.01 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>
<b>RD070011</b>	<b>001</b>	<b>ST</b>	<b>0.13 Miles</b>	<b>(not shown)</b>
<b>RD070011</b>	<b>002</b>	<b>BLM</b>	<b>6.96 Miles</b>	<b>A</b>
<b>RD070011</b>	<b>003</b>	<b>ST</b>	<b>0.72 Miles</b>	<b>(not shown)</b>
<b>RD070011</b>	<b>004</b>	<b>BLM</b>	<b>5.37 Miles</b>	<b>B</b>
<b>RD070011</b>	<b>005</b>	<b>ST</b>	<b>1.01 Miles</b>	<b>(not shown)</b>
<b>RD070011</b>	<b>006</b>	<b>BLM</b>	<b>10.76 Miles</b>	<b>C</b>
<b>RD070011</b>	<b>007</b>	<b>PVT</b>	<b>0.05 Miles</b>	<b>(not shown)</b>
		<b>Total Road Length</b>	<b>25.01</b>	<b>—————</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: Horner Knoll Road**

**County: Duchesne**

**County Road Number: 34**

**State Geographic Information Database (SGID) Road Identification Number: RD070011.**

**Road-Segment Number: 002**

**Road-Segment Length: 6.96 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 10 South Range 16 East, Section(s) 14,15,16,23,24,25, Salt Lake Base & Meridian

Township 10 South Range 17 East, Section(s) 30,31, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (Horner Knoll Road)-- Segment 002 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 54 minutes 7.1 seconds North Latitude and -110 degrees 02 minutes 22.43 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,050,102.2 feet and Y = 7,136,361.8 feet; thence the following courses along the said road center line:

thence South 79 Degrees 32 Minutes 47 Seconds West 24.8 feet  
thence South 67 Degrees 19 Minutes 38 Seconds West 75.9 feet  
thence South 61 Degrees 18 Minutes 56 Seconds West 79.4 feet  
thence South 63 Degrees 06 Minutes 55 Seconds West 85.9 feet  
thence South 66 Degrees 37 Minutes 15 Seconds West 88.8 feet  
thence South 68 Degrees 17 Minutes 00 Seconds West 86.3 feet  
thence South 68 Degrees 22 Minutes 21 Seconds West 84.9 feet  
thence South 73 Degrees 09 Minutes 27 Seconds West 71.5 feet  
thence South 76 Degrees 42 Minutes 28 Seconds West 64.3 feet  
thence South 82 Degrees 53 Minutes 29 Seconds West 69.4 feet  
thence South 82 Degrees 33 Minutes 20 Seconds West 84.7 feet

thence South 81 Degrees 16 Minutes 30 Seconds West 96.5 feet  
thence South 79 Degrees 50 Minutes 22 Seconds West 97.9 feet  
thence South 78 Degrees 48 Minutes 09 Seconds West 93.9 feet  
thence South 80 Degrees 42 Minutes 28 Seconds West 82.1 feet  
thence South 77 Degrees 29 Minutes 21 Seconds West 54.4 feet  
thence South 69 Degrees 31 Minutes 04 Seconds West 44.7 feet  
thence South 58 Degrees 37 Minutes 34 Seconds West 71.2 feet  
thence South 55 Degrees 16 Minutes 48 Seconds West 80.7 feet  
thence South 56 Degrees 11 Minutes 28 Seconds West 77.9 feet  
thence South 59 Degrees 18 Minutes 51 Seconds West 86.3 feet  
thence South 61 Degrees 41 Minutes 42 Seconds West 88.8 feet  
thence South 68 Degrees 28 Minutes 39 Seconds West 81.7 feet  
thence South 64 Degrees 17 Minutes 20 Seconds West 78.8 feet  
thence South 67 Degrees 55 Minutes 28 Seconds West 77 feet  
thence South 67 Degrees 04 Minutes 41 Seconds West 82.8 feet  
thence South 57 Degrees 55 Minutes 47 Seconds West 86.1 feet  
thence South 23 Degrees 18 Minutes 35 Seconds West 80.2 feet  
thence South 04 Degrees 08 Minutes 00 Seconds East 83.9 feet  
thence South 14 Degrees 43 Minutes 06 Seconds West 91.1 feet  
thence South 39 Degrees 20 Minutes 00 Seconds West 94.6 feet  
thence South 66 Degrees 23 Minutes 57 Seconds West 89.7 feet  
thence South 83 Degrees 03 Minutes 09 Seconds West 93.8 feet  
thence South 85 Degrees 15 Minutes 12 Seconds West 102 feet  
thence South 77 Degrees 44 Minutes 24 Seconds West 93.6 feet  
thence South 68 Degrees 27 Minutes 45 Seconds West 89.8 feet  
thence South 71 Degrees 31 Minutes 52 Seconds West 83.2 feet  
thence South 74 Degrees 41 Minutes 26 Seconds West 62.2 feet  
thence South 77 Degrees 10 Minutes 45 Seconds West 74.3 feet  
thence South 76 Degrees 38 Minutes 57 Seconds West 77.1 feet  
thence South 88 Degrees 18 Minutes 00 Seconds West 81.7 feet  
thence North 83 Degrees 17 Minutes 37 Seconds West 93.9 feet  
thence North 77 Degrees 42 Minutes 00 Seconds West 90.1 feet  
thence North 63 Degrees 33 Minutes 25 Seconds West 85.3 feet  
thence North 67 Degrees 48 Minutes 28 Seconds West 93.4 feet  
thence North 84 Degrees 21 Minutes 50 Seconds West 91.7 feet  
thence South 88 Degrees 31 Minutes 37 Seconds West 97.8 feet  
thence South 79 Degrees 46 Minutes 34 Seconds West 104.9 feet  
thence South 72 Degrees 15 Minutes 58 Seconds West 93.2 feet  
thence South 76 Degrees 18 Minutes 33 Seconds West 82.3 feet  
thence South 70 Degrees 30 Minutes 05 Seconds West 63.9 feet  
thence South 62 Degrees 57 Minutes 50 Seconds West 55.5 feet  
thence South 86 Degrees 06 Minutes 15 Seconds West 68.4 feet  
thence North 71 Degrees 33 Minutes 04 Seconds West 71.4 feet  
thence North 41 Degrees 44 Minutes 35 Seconds West 59.5 feet  
thence North 20 Degrees 37 Minutes 26 Seconds West 70 feet  
thence North 11 Degrees 55 Minutes 51 Seconds West 73.4 feet  
thence North 12 Degrees 06 Minutes 23 Seconds East 39.7 feet  
thence North 38 Degrees 52 Minutes 52 Seconds East 59.7 feet  
thence North 48 Degrees 19 Minutes 07 Seconds East 80.4 feet

thence North 48 Degrees 28 Minutes 18 Seconds East 77.2 feet  
thence North 45 Degrees 13 Minutes 22 Seconds East 73.6 feet  
thence North 35 Degrees 03 Minutes 50 Seconds East 70.8 feet  
thence North 08 Degrees 14 Minutes 29 Seconds East 61.7 feet  
thence North 31 Degrees 16 Minutes 59 Seconds West 63.1 feet  
thence North 69 Degrees 49 Minutes 36 Seconds West 69.4 feet  
thence North 87 Degrees 08 Minutes 22 Seconds West 82.8 feet  
thence South 82 Degrees 12 Minutes 32 Seconds West 80.8 feet  
thence South 85 Degrees 52 Minutes 59 Seconds West 74.3 feet  
thence North 75 Degrees 03 Minutes 51 Seconds West 74.8 feet  
thence North 49 Degrees 11 Minutes 26 Seconds West 61.9 feet  
thence North 27 Degrees 02 Minutes 24 Seconds West 54 feet  
thence North 25 Degrees 27 Minutes 08 Seconds West 29.4 feet  
thence North 51 Degrees 39 Minutes 34 Seconds West 14.7 feet  
thence North 53 Degrees 06 Minutes 41 Seconds West 22.2 feet  
thence North 68 Degrees 27 Minutes 03 Seconds West 52 feet  
thence North 73 Degrees 25 Minutes 57 Seconds West 57.6 feet  
thence North 59 Degrees 39 Minutes 17 Seconds West 43.1 feet  
thence North 51 Degrees 21 Minutes 48 Seconds West 59.5 feet  
thence North 46 Degrees 47 Minutes 51 Seconds West 72 feet  
thence North 30 Degrees 41 Minutes 54 Seconds West 88.2 feet  
thence North 29 Degrees 46 Minutes 46 Seconds West 90.1 feet  
thence North 30 Degrees 53 Minutes 55 Seconds West 92.2 feet  
thence North 13 Degrees 27 Minutes 35 Seconds West 96.7 feet  
thence North 04 Degrees 11 Minutes 26 Seconds West 87.5 feet  
thence North 22 Degrees 12 Minutes 06 Seconds West 86.3 feet  
thence North 27 Degrees 36 Minutes 06 Seconds West 93.8 feet  
thence North 25 Degrees 53 Minutes 42 Seconds West 93.5 feet  
thence North 16 Degrees 32 Minutes 48 Seconds West 91.6 feet  
thence North 29 Degrees 57 Minutes 27 Seconds West 87.6 feet  
thence North 30 Degrees 51 Minutes 14 Seconds West 82.7 feet  
thence North 22 Degrees 50 Minutes 23 Seconds West 87.4 feet  
thence North 19 Degrees 36 Minutes 33 Seconds West 90.4 feet  
thence North 10 Degrees 48 Minutes 10 Seconds West 84.8 feet  
thence North 02 Degrees 09 Minutes 33 Seconds East 75.9 feet  
thence North 16 Degrees 39 Minutes 51 Seconds East 69.7 feet  
thence North 23 Degrees 29 Minutes 11 Seconds East 73.2 feet  
thence North 25 Degrees 33 Minutes 19 Seconds East 60.9 feet  
thence North 19 Degrees 43 Minutes 17 Seconds East 55.5 feet  
thence North 05 Degrees 26 Minutes 27 Seconds East 75.2 feet  
thence North 01 Degrees 37 Minutes 32 Seconds East 87 feet  
thence North 12 Degrees 05 Minutes 35 Seconds East 70.2 feet  
thence North 00 Degrees 03 Minutes 01 Seconds West 69.9 feet  
thence North 18 Degrees 11 Minutes 03 Seconds West 83.4 feet  
thence North 23 Degrees 14 Minutes 10 Seconds West 87.6 feet  
thence North 22 Degrees 17 Minutes 03 Seconds West 64 feet  
thence North 20 Degrees 24 Minutes 52 Seconds West 57.3 feet  
thence North 20 Degrees 28 Minutes 37 Seconds West 55.2 feet  
thence North 15 Degrees 03 Minutes 46 Seconds West 64.5 feet

thence North 09 Degrees 20 Minutes 32 Seconds West 77.4 feet  
thence North 05 Degrees 19 Minutes 11 Seconds West 79.1 feet  
thence North 05 Degrees 05 Minutes 00 Seconds West 25.3 feet  
thence North 05 Degrees 04 Minutes 58 Seconds West 45.9 feet  
thence North 20 Degrees 38 Minutes 32 Seconds West 66.1 feet  
thence North 73 Degrees 07 Minutes 14 Seconds West 57.7 feet  
thence South 88 Degrees 07 Minutes 57 Seconds West 60.7 feet  
thence North 67 Degrees 01 Minutes 40 Seconds West 79.7 feet  
thence North 64 Degrees 21 Minutes 38 Seconds West 83.2 feet  
thence North 44 Degrees 43 Minutes 57 Seconds West 68 feet  
thence North 28 Degrees 14 Minutes 27 Seconds West 80.6 feet  
thence North 28 Degrees 02 Minutes 51 Seconds West 86.8 feet  
thence North 28 Degrees 53 Minutes 31 Seconds West 79.6 feet  
thence North 58 Degrees 37 Minutes 58 Seconds West 62.5 feet  
thence South 76 Degrees 12 Minutes 39 Seconds West 56.4 feet  
thence South 76 Degrees 31 Minutes 37 Seconds West 62 feet  
thence South 81 Degrees 33 Minutes 02 Seconds West 81.2 feet  
thence North 89 Degrees 04 Minutes 09 Seconds West 90.3 feet  
thence North 84 Degrees 47 Minutes 54 Seconds West 88.7 feet  
thence North 84 Degrees 03 Minutes 11 Seconds West 84.2 feet  
thence North 87 Degrees 03 Minutes 43 Seconds West 80.9 feet  
thence North 84 Degrees 19 Minutes 22 Seconds West 78.5 feet  
thence North 62 Degrees 45 Minutes 59 Seconds West 76.6 feet  
thence North 49 Degrees 40 Minutes 07 Seconds West 82.6 feet  
thence North 56 Degrees 57 Minutes 10 Seconds West 80.5 feet  
thence North 74 Degrees 09 Minutes 28 Seconds West 83.7 feet  
thence North 81 Degrees 51 Minutes 28 Seconds West 80.3 feet  
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thence North 47 Degrees 49 Minutes 27 Seconds West 74.3 feet  
thence North 64 Degrees 38 Minutes 32 Seconds West 75.7 feet  
thence North 65 Degrees 52 Minutes 31 Seconds West 79.3 feet  
thence North 62 Degrees 49 Minutes 42 Seconds West 81.8 feet  
thence North 49 Degrees 48 Minutes 59 Seconds West 82.9 feet  
thence North 45 Degrees 47 Minutes 53 Seconds West 83.3 feet  
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thence North 22 Degrees 52 Minutes 45 Seconds East 82.5 feet  
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thence North 03 Degrees 02 Minutes 05 Seconds West 83.1 feet  
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thence North 21 Degrees 39 Minutes 09 Seconds West 82.1 feet  
thence North 34 Degrees 53 Minutes 54 Seconds West 82.1 feet  
thence North 44 Degrees 43 Minutes 42 Seconds West 45 feet  
thence North 40 Degrees 24 Minutes 32 Seconds West 67.8 feet  
thence North 37 Degrees 17 Minutes 15 Seconds West 76.4 feet  
thence North 38 Degrees 25 Minutes 23 Seconds West 79.2 feet  
thence North 43 Degrees 36 Minutes 15 Seconds West 77.5 feet  
thence North 45 Degrees 29 Minutes 03 Seconds West 80.5 feet  
thence North 45 Degrees 40 Minutes 14 Seconds West 75.6 feet  
thence North 49 Degrees 44 Minutes 38 Seconds West 78.2 feet  
thence North 47 Degrees 23 Minutes 08 Seconds West 90.1 feet  
thence North 43 Degrees 18 Minutes 05 Seconds West 85.7 feet  
thence North 38 Degrees 21 Minutes 58 Seconds West 76.7 feet  
thence North 35 Degrees 38 Minutes 52 Seconds West 73.2 feet  
thence North 36 Degrees 35 Minutes 11 Seconds West 74.9 feet  
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thence North 30 Degrees 31 Minutes 31 Seconds West 80.9 feet  
thence North 17 Degrees 05 Minutes 44 Seconds West 93.2 feet  
thence North 20 Degrees 16 Minutes 00 Seconds West 90.4 feet  
thence North 34 Degrees 50 Minutes 19 Seconds West 88 feet  
thence North 34 Degrees 04 Minutes 03 Seconds West 89.2 feet  
thence North 19 Degrees 04 Minutes 53 Seconds West 90.8 feet  
thence North 13 Degrees 49 Minutes 50 Seconds West 51.1 feet  
thence North 13 Degrees 49 Minutes 47 Seconds West 44.5 feet  
thence North 10 Degrees 55 Minutes 33 Seconds West 89.1 feet  
thence North 04 Degrees 35 Minutes 33 Seconds East 84.3 feet  
thence North 05 Degrees 30 Minutes 40 Seconds East 93.7 feet  
thence North 05 Degrees 15 Minutes 39 Seconds West 87.6 feet  
thence North 00 Degrees 46 Minutes 06 Seconds West 83.7 feet  
thence North 00 Degrees 54 Minutes 42 Seconds West 95.2 feet  
thence North 01 Degrees 26 Minutes 03 Seconds East 96.5 feet  
thence North 16 Degrees 33 Minutes 25 Seconds East 91.6 feet  
thence North 25 Degrees 09 Minutes 41 Seconds East 93.1 feet  
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thence North 31 Degrees 04 Minutes 54 Seconds West 80.2 feet  
thence North 41 Degrees 35 Minutes 04 Seconds West 89.1 feet  
thence North 43 Degrees 45 Minutes 47 Seconds West 94 feet  
thence North 37 Degrees 40 Minutes 23 Seconds West 85.5 feet  
thence North 15 Degrees 39 Minutes 21 Seconds West 80.6 feet  
thence North 00 Degrees 06 Minutes 54 Seconds West 92.2 feet  
thence North 02 Degrees 23 Minutes 52 Seconds East 96.9 feet  
thence North 01 Degrees 11 Minutes 17 Seconds East 74.8 feet  
thence North 35 Degrees 05 Minutes 48 Seconds West 57.5 feet  
thence North 53 Degrees 59 Minutes 06 Seconds West 63.1 feet  
thence North 52 Degrees 26 Minutes 38 Seconds West 71.1 feet  
thence North 36 Degrees 39 Minutes 10 Seconds West 63.1 feet  
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thence North 20 Degrees 47 Minutes 28 Seconds West 52.5 feet  
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thence North 64 Degrees 47 Minutes 21 Seconds West 73.1 feet  
thence North 60 Degrees 09 Minutes 01 Seconds West 77.1 feet  
thence North 45 Degrees 57 Minutes 07 Seconds West 84 feet  
thence North 40 Degrees 27 Minutes 38 Seconds West 93.2 feet  
thence North 53 Degrees 10 Minutes 20 Seconds West 95.1 feet

thence North 62 Degrees 11 Minutes 09 Seconds West 91.2 feet  
thence North 44 Degrees 56 Minutes 40 Seconds West 71 feet  
thence North 05 Degrees 04 Minutes 57 Seconds West 71.1 feet  
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thence North 01 Degrees 45 Minutes 48 Seconds East 90.3 feet  
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thence North 38 Degrees 15 Minutes 17 Seconds East 68.4 feet  
thence North 31 Degrees 36 Minutes 06 Seconds East 70.8 feet  
thence North 12 Degrees 48 Minutes 53 Seconds East 50.5 feet  
thence North 42 Degrees 45 Minutes 19 Seconds West 31.1 feet  
thence North 77 Degrees 05 Minutes 45 Seconds West 61.7 feet  
thence North 78 Degrees 53 Minutes 19 Seconds West 61.3 feet  
thence North 70 Degrees 25 Minutes 42 Seconds West 69.4 feet  
thence North 65 Degrees 11 Minutes 49 Seconds West 75.8 feet  
thence North 66 Degrees 19 Minutes 52 Seconds West 75.1 feet  
thence North 71 Degrees 36 Minutes 57 Seconds West 66.5 feet  
thence North 78 Degrees 19 Minutes 32 Seconds West 64.7 feet  
thence North 77 Degrees 17 Minutes 10 Seconds West 31.1 feet  
thence North 77 Degrees 17 Minutes 07 Seconds West 41.7 feet  
thence North 79 Degrees 45 Minutes 28 Seconds West 78.8 feet  
thence North 85 Degrees 32 Minutes 08 Seconds West 78.7 feet  
thence South 89 Degrees 08 Minutes 07 Seconds West 68.9 feet  
thence South 87 Degrees 32 Minutes 24 Seconds West 70.3 feet  
thence North 64 Degrees 47 Minutes 21 Seconds West 73.1 feet  
thence North 50 Degrees 39 Minutes 04 Seconds West 69.9 feet  
thence North 63 Degrees 19 Minutes 08 Seconds West 77.3 feet  
thence North 59 Degrees 00 Minutes 41 Seconds West 65.7 feet  
thence North 50 Degrees 24 Minutes 11 Seconds West 65.5 feet  
thence North 13 Degrees 32 Minutes 25 Seconds West 56 feet  
thence North 24 Degrees 59 Minutes 51 Seconds East 60.6 feet  
thence North 18 Degrees 52 Minutes 26 Seconds East 54.9 feet  
thence North 35 Degrees 54 Minutes 23 Seconds West 44 feet  
thence North 73 Degrees 25 Minutes 56 Seconds West 57.6 feet  
thence North 87 Degrees 28 Minutes 15 Seconds West 66 feet  
thence North 86 Degrees 34 Minutes 02 Seconds West 60.2 feet  
thence North 50 Degrees 12 Minutes 15 Seconds West 54.5 feet  
thence North 01 Degrees 54 Minutes 05 Seconds West 59.4 feet  
thence North 13 Degrees 50 Minutes 26 Seconds East 73.8 feet  
thence North 17 Degrees 33 Minutes 34 Seconds East 74.8 feet  
thence North 20 Degrees 00 Minutes 44 Seconds East 78.4 feet  
thence North 23 Degrees 40 Minutes 04 Seconds East 78.3 feet

thence North 30 Degrees 09 Minutes 34 Seconds East 73.1 feet  
thence North 35 Degrees 57 Minutes 03 Seconds East 62.7 feet  
thence North 42 Degrees 04 Minutes 42 Seconds East 71.5 feet  
thence North 47 Degrees 35 Minutes 09 Seconds East 77.8 feet  
thence North 24 Degrees 57 Minutes 54 Seconds East 72.2 feet  
thence North 01 Degrees 13 Minutes 19 Seconds East 73.2 feet  
thence North 02 Degrees 19 Minutes 11 Seconds West 75.2 feet  
thence North 03 Degrees 31 Minutes 37 Seconds East 78.3 feet  
thence North 10 Degrees 00 Minutes 15 Seconds East 70.5 feet  
thence North 10 Degrees 00 Minutes 19 Seconds East 19.2 feet  
thence North 31 Degrees 31 Minutes 17 Seconds East 84.6 feet  
thence North 42 Degrees 41 Minutes 37 Seconds East 73.6 feet  
thence North 35 Degrees 03 Minutes 28 Seconds East 68 feet  
thence North 23 Degrees 28 Minutes 00 Seconds East 75.7 feet  
thence North 03 Degrees 38 Minutes 03 Seconds East 80.9 feet  
thence North 16 Degrees 11 Minutes 56 Seconds West 79.2 feet  
thence North 31 Degrees 16 Minutes 57 Seconds West 74.6 feet  
thence North 47 Degrees 57 Minutes 20 Seconds West 70.6 feet  
thence North 68 Degrees 57 Minutes 28 Seconds West 79.3 feet  
thence North 59 Degrees 01 Minutes 20 Seconds West 87.2 feet  
thence North 38 Degrees 26 Minutes 23 Seconds West 87.2 feet  
thence North 19 Degrees 42 Minutes 39 Seconds West 87 feet  
thence North 07 Degrees 10 Minutes 11 Seconds West 93.5 feet  
thence North 02 Degrees 10 Minutes 47 Seconds West 90.9 feet  
thence North 09 Degrees 58 Minutes 01 Seconds East 90 feet  
thence North 11 Degrees 57 Minutes 14 Seconds East 95.7 feet  
thence North 05 Degrees 11 Minutes 45 Seconds East 95.6 feet  
thence North 02 Degrees 24 Minutes 05 Seconds West 90.3 feet  
thence North 30 Degrees 03 Minutes 49 Seconds West 79.4 feet  
thence North 71 Degrees 00 Minutes 45 Seconds West 54.6 feet  
thence South 76 Degrees 59 Minutes 29 Seconds West 50.8 feet  
thence South 64 Degrees 26 Minutes 13 Seconds West 70 feet  
thence South 66 Degrees 22 Minutes 19 Seconds West 67.2 feet  
thence South 78 Degrees 15 Minutes 35 Seconds West 66.3 feet  
thence South 72 Degrees 55 Minutes 41 Seconds West 67.2 feet  
thence South 66 Degrees 02 Minutes 12 Seconds West 72 feet  
thence South 66 Degrees 28 Minutes 56 Seconds West 77.5 feet  
thence South 72 Degrees 56 Minutes 20 Seconds West 84.3 feet  
thence South 67 Degrees 43 Minutes 13 Seconds West 87.7 feet  
thence South 57 Degrees 44 Minutes 33 Seconds West 89.3 feet  
thence South 57 Degrees 12 Minutes 35 Seconds West 85.6 feet  
thence South 64 Degrees 54 Minutes 21 Seconds West 84.6 feet  
thence South 65 Degrees 49 Minutes 42 Seconds West 86.8 feet  
thence South 63 Degrees 59 Minutes 07 Seconds West 87 feet  
thence South 59 Degrees 52 Minutes 54 Seconds West 85.8 feet  
thence South 51 Degrees 30 Minutes 40 Seconds West 83.9 feet  
thence South 40 Degrees 18 Minutes 22 Seconds West 85.2 feet  
thence South 41 Degrees 58 Minutes 08 Seconds West 88.3 feet  
thence South 55 Degrees 59 Minutes 27 Seconds West 86.4 feet

thence South 69 Degrees 06 Minutes 00 Seconds West 88.7 feet  
thence South 76 Degrees 36 Minutes 42 Seconds West 94.3 feet  
thence South 84 Degrees 29 Minutes 11 Seconds West 90.6 feet  
thence North 83 Degrees 25 Minutes 17 Seconds West 82 feet  
thence North 82 Degrees 37 Minutes 42 Seconds West 90.7 feet  
thence North 78 Degrees 15 Minutes 50 Seconds West 99 feet  
thence North 71 Degrees 07 Minutes 19 Seconds West 85.8 feet  
thence North 55 Degrees 41 Minutes 41 Seconds West 67 feet  
thence North 40 Degrees 46 Minutes 52 Seconds West 73.3 feet  
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thence South 80 Degrees 45 Minutes 34 Seconds West 57.1 feet  
thence South 80 Degrees 27 Minutes 16 Seconds West 65.5 feet  
thence South 81 Degrees 02 Minutes 25 Seconds West 67.7 feet  
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thence South 73 Degrees 39 Minutes 47 Seconds West 71.4 feet  
thence South 65 Degrees 58 Minutes 42 Seconds West 73.5 feet  
thence South 65 Degrees 16 Minutes 45 Seconds West 73.9 feet  
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thence North 58 Degrees 42 Minutes 41 Seconds West 75.1 feet  
thence North 52 Degrees 02 Minutes 58 Seconds West 75.2 feet  
thence North 59 Degrees 16 Minutes 38 Seconds West 82.7 feet  
thence North 77 Degrees 27 Minutes 22 Seconds West 85.5 feet  
thence North 81 Degrees 51 Minutes 08 Seconds West 86.9 feet  
thence North 73 Degrees 08 Minutes 07 Seconds West 85.5 feet  
thence North 72 Degrees 31 Minutes 01 Seconds West 75.1 feet  
thence North 86 Degrees 08 Minutes 45 Seconds West 76.7 feet  
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thence North 83 Degrees 02 Minutes 19 Seconds West 75.1 feet  
thence North 59 Degrees 44 Minutes 59 Seconds West 73.6 feet  
thence North 52 Degrees 22 Minutes 36 Seconds West 73.7 feet  
thence North 60 Degrees 30 Minutes 51 Seconds West 77.9 feet  
thence North 62 Degrees 18 Minutes 03 Seconds West 81 feet  
thence North 52 Degrees 11 Minutes 20 Seconds West 77.6 feet  
thence North 42 Degrees 34 Minutes 34 Seconds West 77.6 feet  
thence North 45 Degrees 08 Minutes 17 Seconds West 73.6 feet  
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thence North 72 Degrees 37 Minutes 41 Seconds West 79.9 feet  
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thence North 74 Degrees 30 Minutes 03 Seconds West 19.9 feet  
thence North 58 Degrees 50 Minutes 02 Seconds West 80.4 feet  
thence North 55 Degrees 13 Minutes 05 Seconds West 85 feet

thence North 51 Degrees 55 Minutes 25 Seconds West 88.8 feet  
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thence North 20 Degrees 01 Minutes 03 Seconds West 84.7 feet  
thence North 15 Degrees 20 Minutes 34 Seconds West 78.5 feet  
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thence North 84 Degrees 40 Minutes 14 Seconds West 90 feet  
thence North 78 Degrees 55 Minutes 52 Seconds West 94.7 feet  
thence North 82 Degrees 56 Minutes 50 Seconds West 94.6 feet  
thence South 89 Degrees 40 Minutes 51 Seconds West 96.5 feet  
thence South 86 Degrees 59 Minutes 50 Seconds West 105.1 feet  
thence South 87 Degrees 44 Minutes 11 Seconds West 106.4 feet  
thence North 86 Degrees 33 Minutes 09 Seconds West 104.9 feet  
thence North 86 Degrees 04 Minutes 32 Seconds West 102 feet  
thence North 87 Degrees 13 Minutes 11 Seconds West 103.2 feet  
thence North 84 Degrees 58 Minutes 28 Seconds West 102.2 feet  
thence North 82 Degrees 39 Minutes 07 Seconds West 103.3 feet  
thence North 82 Degrees 14 Minutes 22 Seconds West 105.1 feet  
thence North 84 Degrees 37 Minutes 33 Seconds West 105.9 feet  
thence North 89 Degrees 03 Minutes 42 Seconds West 104.7 feet  
thence South 89 Degrees 30 Minutes 13 Seconds West 106 feet  
thence South 89 Degrees 51 Minutes 13 Seconds West 108.9 feet  
thence South 87 Degrees 41 Minutes 37 Seconds West 104.1 feet  
thence South 81 Degrees 37 Minutes 42 Seconds West 103.1 feet

thence South 74 Degrees 36 Minutes 45 Seconds West 106 feet  
thence South 69 Degrees 00 Minutes 12 Seconds West 108.7 feet  
thence South 64 Degrees 21 Minutes 04 Seconds West 108.9 feet  
thence South 64 Degrees 34 Minutes 15 Seconds West 109.8 feet  
thence South 65 Degrees 30 Minutes 30 Seconds West 109 feet  
thence South 63 Degrees 40 Minutes 25 Seconds West 105.5 feet  
thence South 60 Degrees 42 Minutes 58 Seconds West 101.6 feet  
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thence South 78 Degrees 38 Minutes 41 Seconds West 94.3 feet  
thence South 82 Degrees 31 Minutes 50 Seconds West 92.3 feet  
thence South 78 Degrees 31 Minutes 34 Seconds West 95 feet  
thence South 74 Degrees 12 Minutes 57 Seconds West 102.1 feet  
thence South 72 Degrees 01 Minutes 23 Seconds West 107.1 feet  
thence South 77 Degrees 52 Minutes 33 Seconds West 104.3 feet  
thence South 80 Degrees 57 Minutes 48 Seconds West 99.6 feet  
thence South 79 Degrees 23 Minutes 36 Seconds West 97.4 feet  
thence South 76 Degrees 11 Minutes 33 Seconds West 99.9 feet  
thence South 73 Degrees 48 Minutes 47 Seconds West 34.1 feet  
thence South 73 Degrees 48 Minutes 44 Seconds West 4.7 feet more or less to **the ending point**

**at:** 39 degrees 56 minutes 37.96 seconds North Latitude and -110 degrees 06 minutes 53.31 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,028,759.4 feet and Y = 7,151,288.2 feet.

## Appendix B to Attachment 4

**Popular Name: Horner Knoll Road**

**County: Duchesne**

**County Road Number: 34**

**State Geographic Information Database (SGID) Road Identification Number: RD070011.**

**Road-Segment Number: 004**

**Road-Segment Length: 5.37 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 South Range 16 East, Section(s) 6,7,8,9,10, Salt Lake Base & Meridian

Township 9 South Range 16 East, Section(s) 31,32, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (Horner Knoll Road)-- Segment 004 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 57 minutes 4 seconds North Latitude and -110 degrees 06 minutes 55.75 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,028,528.5 feet and Y = 7,153,919.6 feet; thence the following courses along the said road center line:

thence North 31 Degrees 39 Minutes 06 Seconds East	37.4 feet
thence North 31 Degrees 39 Minutes 08 Seconds East	17.2 feet
thence North 25 Degrees 11 Minutes 41 Seconds East	64 feet
thence North 23 Degrees 44 Minutes 18 Seconds East	60.4 feet
thence North 21 Degrees 21 Minutes 48 Seconds East	58.6 feet
thence North 22 Degrees 58 Minutes 16 Seconds East	53.9 feet
thence North 29 Degrees 57 Minutes 57 Seconds East	47.5 feet
thence North 35 Degrees 44 Minutes 18 Seconds East	46.3 feet
thence North 29 Degrees 13 Minutes 54 Seconds East	26.1 feet
thence North 29 Degrees 13 Minutes 50 Seconds East	21.8 feet
thence North 28 Degrees 17 Minutes 29 Seconds East	45.2 feet

thence North 29 Degrees 06 Minutes 30 Seconds East 44.1 feet  
thence North 25 Degrees 49 Minutes 40 Seconds East 40.2 feet  
thence North 21 Degrees 28 Minutes 57 Seconds East 38.9 feet  
thence North 14 Degrees 32 Minutes 57 Seconds East 38.4 feet  
thence North 11 Degrees 31 Minutes 46 Seconds West 37.1 feet  
thence North 10 Degrees 16 Minutes 10 Seconds West 38 feet  
thence North 01 Degrees 06 Minutes 05 Seconds East 39.7 feet  
thence North 12 Degrees 44 Minutes 33 Seconds East 42.1 feet  
thence North 30 Degrees 59 Minutes 40 Seconds East 46.1 feet  
thence North 51 Degrees 42 Minutes 06 Seconds East 47.5 feet  
thence North 46 Degrees 49 Minutes 11 Seconds East 56 feet  
thence North 31 Degrees 16 Minutes 07 Seconds East 62 feet  
thence North 37 Degrees 01 Minutes 05 Seconds East 64.4 feet  
thence North 46 Degrees 31 Minutes 43 Seconds East 64.8 feet  
thence North 48 Degrees 28 Minutes 02 Seconds East 63.3 feet  
thence North 45 Degrees 48 Minutes 47 Seconds East 58.7 feet  
thence North 18 Degrees 38 Minutes 21 Seconds East 45.5 feet  
thence North 23 Degrees 02 Minutes 25 Seconds West 56.9 feet  
thence North 45 Degrees 04 Minutes 22 Seconds West 54.1 feet  
thence North 58 Degrees 46 Minutes 02 Seconds West 43.9 feet  
thence North 36 Degrees 43 Minutes 22 Seconds West 40.4 feet  
thence North 09 Degrees 55 Minutes 03 Seconds West 45.3 feet  
thence North 07 Degrees 12 Minutes 49 Seconds East 40.1 feet  
thence North 21 Degrees 01 Minutes 37 Seconds East 30.7 feet  
thence North 24 Degrees 48 Minutes 50 Seconds East 29.4 feet  
thence North 23 Degrees 00 Minutes 23 Seconds East 39 feet  
thence North 13 Degrees 48 Minutes 32 Seconds East 49.7 feet  
thence North 05 Degrees 07 Minutes 07 Seconds West 43.1 feet  
thence North 10 Degrees 45 Minutes 59 Seconds West 47.1 feet  
thence North 21 Degrees 29 Minutes 29 Seconds West 50 feet  
thence North 26 Degrees 53 Minutes 01 Seconds West 47 feet  
thence North 28 Degrees 23 Minutes 28 Seconds West 50.2 feet  
thence North 27 Degrees 37 Minutes 40 Seconds West 56.5 feet  
thence North 33 Degrees 30 Minutes 32 Seconds West 52.2 feet  
thence North 36 Degrees 38 Minutes 44 Seconds West 41.5 feet  
thence North 02 Degrees 14 Minutes 57 Seconds West 29.2 feet  
thence North 79 Degrees 50 Minutes 24 Seconds East 32.6 feet  
thence South 60 Degrees 26 Minutes 34 Seconds East 53.4 feet  
thence South 56 Degrees 20 Minutes 54 Seconds East 55.8 feet  
thence South 58 Degrees 11 Minutes 09 Seconds East 46.9 feet  
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thence South 72 Degrees 30 Minutes 48 Seconds East 47.2 feet  
thence North 83 Degrees 55 Minutes 35 Seconds East 42.5 feet  
thence North 32 Degrees 16 Minutes 00 Seconds East 37.8 feet  
thence North 17 Degrees 21 Minutes 45 Seconds West 47 feet  
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thence North 20 Degrees 47 Minutes 53 Seconds East 51 feet  
thence North 12 Degrees 42 Minutes 07 Seconds East 53.9 feet  
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thence North 03 Degrees 39 Minutes 56 Seconds West 56.2 feet  
thence North 02 Degrees 55 Minutes 16 Seconds West 57.8 feet  
thence North 04 Degrees 28 Minutes 23 Seconds East 55 feet  
thence North 08 Degrees 22 Minutes 21 Seconds East 52.1 feet  
thence North 13 Degrees 57 Minutes 44 Seconds East 55.9 feet  
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thence North 02 Degrees 47 Minutes 46 Seconds West 68.3 feet  
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thence North 73 Degrees 38 Minutes 33 Seconds West 77.8 feet  
thence North 77 Degrees 58 Minutes 20 Seconds West 78.3 feet  
thence North 77 Degrees 03 Minutes 50 Seconds West 75.9 feet  
thence South 89 Degrees 40 Minutes 52 Seconds West 76.5 feet  
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thence South 80 Degrees 07 Minutes 23 Seconds West 96.8 feet  
thence South 76 Degrees 23 Minutes 46 Seconds West 97.1 feet  
thence South 65 Degrees 22 Minutes 35 Seconds West 100.5 feet  
thence South 67 Degrees 48 Minutes 41 Seconds West 102.2 feet  
thence South 76 Degrees 27 Minutes 39 Seconds West 106.2 feet  
thence South 81 Degrees 22 Minutes 36 Seconds West 106.8 feet  
thence South 75 Degrees 38 Minutes 41 Seconds West 96.1 feet  
thence South 79 Degrees 22 Minutes 34 Seconds West 95.4 feet  
thence South 88 Degrees 54 Minutes 25 Seconds West 97.1 feet  
thence North 87 Degrees 38 Minutes 49 Seconds West 98.6 feet  
thence South 82 Degrees 22 Minutes 11 Seconds West 87.7 feet  
thence South 70 Degrees 51 Minutes 54 Seconds West 93.6 feet  
thence South 81 Degrees 51 Minutes 43 Seconds West 94.1 feet  
thence North 86 Degrees 34 Minutes 13 Seconds West 95.4 feet  
thence North 89 Degrees 22 Minutes 57 Seconds West 100.4 feet  
thence North 87 Degrees 53 Minutes 10 Seconds West 100.5 feet  
thence South 82 Degrees 15 Minutes 30 Seconds West 94 feet  
thence South 72 Degrees 26 Minutes 44 Seconds West 104.1 feet  
thence South 68 Degrees 42 Minutes 27 Seconds West 105.4 feet  
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thence South 56 Degrees 56 Minutes 45 Seconds West 103.8 feet  
thence South 61 Degrees 39 Minutes 05 Seconds West 103.4 feet  
thence South 68 Degrees 25 Minutes 50 Seconds West 101.4 feet  
thence South 69 Degrees 04 Minutes 50 Seconds West 98.9 feet  
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thence South 54 Degrees 19 Minutes 07 Seconds West 99.8 feet  
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thence South 74 Degrees 53 Minutes 16 Seconds West 96.4 feet  
thence South 83 Degrees 13 Minutes 34 Seconds West 90.5 feet  
thence South 71 Degrees 10 Minutes 30 Seconds West 83.7 feet  
thence South 71 Degrees 26 Minutes 07 Seconds West 94.3 feet  
thence South 69 Degrees 33 Minutes 22 Seconds West 102.1 feet  
thence South 69 Degrees 18 Minutes 16 Seconds West 98 feet  
thence South 68 Degrees 28 Minutes 18 Seconds West 94.3 feet  
thence South 50 Degrees 20 Minutes 45 Seconds West 87 feet  
thence South 55 Degrees 32 Minutes 02 Seconds West 21.3 feet  
thence South 55 Degrees 32 Minutes 00 Seconds West 69.9 feet  
thence South 62 Degrees 30 Minutes 16 Seconds West 96.3 feet  
thence South 67 Degrees 25 Minutes 55 Seconds West 93.6 feet  
thence South 72 Degrees 22 Minutes 27 Seconds West 94.9 feet  
thence South 82 Degrees 54 Minutes 53 Seconds West 97.5 feet  
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thence North 79 Degrees 41 Minutes 57 Seconds West 101.5 feet  
thence North 81 Degrees 02 Minutes 32 Seconds West 99.8 feet

thence North 84 Degrees 28 Minutes 04 Seconds West 93.4 feet  
thence South 86 Degrees 33 Minutes 03 Seconds West 84.1 feet  
thence South 79 Degrees 50 Minutes 07 Seconds West 80.6 feet  
thence North 81 Degrees 37 Minutes 44 Seconds West 76 feet  
thence North 53 Degrees 18 Minutes 07 Seconds West 76.9 feet  
thence North 27 Degrees 31 Minutes 43 Seconds West 78.2 feet  
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thence North 19 Degrees 17 Minutes 01 Seconds West 101 feet  
thence North 14 Degrees 13 Minutes 04 Seconds West 99.7 feet  
thence North 08 Degrees 58 Minutes 02 Seconds West 102.6 feet  
thence North 01 Degrees 07 Minutes 36 Seconds East 104.1 feet  
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thence North 47 Degrees 42 Minutes 32 Seconds East 92.3 feet  
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thence North 33 Degrees 18 Minutes 49 Seconds East 90.7 feet  
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thence North 27 Degrees 09 Minutes 42 Seconds East 15.8 feet  
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thence North 07 Degrees 38 Minutes 34 Seconds East 94.8 feet  
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thence North 01 Degrees 28 Minutes 33 Seconds West 97.5 feet  
thence North 02 Degrees 02 Minutes 13 Seconds West 98.5 feet  
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thence North 09 Degrees 20 Minutes 43 Seconds East 91.9 feet  
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thence North 10 Degrees 51 Minutes 08 Seconds East 79.6 feet  
thence North 00 Degrees 49 Minutes 53 Seconds East 81.7 feet  
thence North 05 Degrees 14 Minutes 58 Seconds West 84 feet  
thence North 10 Degrees 06 Minutes 04 Seconds West 86.9 feet  
thence North 10 Degrees 42 Minutes 51 Seconds West 92.8 feet  
thence North 09 Degrees 14 Minutes 15 Seconds West 91 feet  
thence North 08 Degrees 17 Minutes 01 Seconds West 80.5 feet  
thence North 07 Degrees 40 Minutes 15 Seconds West 82.1 feet  
thence North 08 Degrees 06 Minutes 13 Seconds West 84.8 feet  
thence North 17 Degrees 01 Minutes 58 Seconds West 121 feet  
thence North 22 Degrees 07 Minutes 12 Seconds West 8.8 feet  
thence North 21 Degrees 57 Minutes 23 Seconds West 42.7 feet  
thence North 22 Degrees 35 Minutes 55 Seconds West 51.1 feet  
thence North 22 Degrees 22 Minutes 11 Seconds West 55.9 feet  
thence North 22 Degrees 37 Minutes 55 Seconds West 61.4 feet  
thence North 23 Degrees 18 Minutes 26 Seconds West 58.8 feet  
thence North 28 Degrees 57 Minutes 36 Seconds West 48.6 feet  
thence North 34 Degrees 12 Minutes 04 Seconds West 54.2 feet  
thence North 38 Degrees 50 Minutes 41 Seconds West 65.9 feet  
thence North 42 Degrees 24 Minutes 06 Seconds West 73 feet  
thence North 43 Degrees 16 Minutes 23 Seconds West 78 feet  
thence North 37 Degrees 14 Minutes 34 Seconds West 69.4 feet  
thence North 30 Degrees 43 Minutes 13 Seconds West 74.6 feet  
thence North 25 Degrees 35 Minutes 47 Seconds West 78.4 feet  
thence North 20 Degrees 37 Minutes 37 Seconds West 88.9 feet  
thence North 19 Degrees 51 Minutes 41 Seconds West 91.2 feet  
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thence North 00 Degrees 42 Minutes 20 Seconds West 97.1 feet  
thence North 00 Degrees 38 Minutes 21 Seconds East 98.1 feet  
thence North 00 Degrees 07 Minutes 55 Seconds West 100.7 feet  
thence North 01 Degrees 22 Minutes 37 Seconds East 99.8 feet  
thence North 03 Degrees 42 Minutes 44 Seconds East 98 feet  
thence North 06 Degrees 20 Minutes 43 Seconds East 96.1 feet  
thence North 07 Degrees 35 Minutes 55 Seconds East 100.1 feet  
thence North 10 Degrees 46 Minutes 30 Seconds East 102.3 feet  
thence North 12 Degrees 46 Minutes 39 Seconds East 97 feet  
thence North 11 Degrees 21 Minutes 00 Seconds East 92.5 feet  
thence North 12 Degrees 17 Minutes 02 Seconds East 82.7 feet  
thence North 20 Degrees 39 Minutes 58 Seconds East 77 feet  
thence North 33 Degrees 26 Minutes 19 Seconds East 77.4 feet  
thence North 44 Degrees 29 Minutes 41 Seconds East 71.2 feet  
thence North 44 Degrees 13 Minutes 22 Seconds East 116 feet  
thence North 29 Degrees 51 Minutes 17 Seconds East 49 feet  
thence North 14 Degrees 14 Minutes 16 Seconds East 61.4 feet  
thence North 04 Degrees 13 Minutes 57 Seconds East 66.2 feet

thence North 01 Degrees 04 Minutes 57 Seconds West 73.8 feet  
thence North 00 Degrees 33 Minutes 12 Seconds West 80.1 feet  
thence North 05 Degrees 28 Minutes 38 Seconds East 87.7 feet  
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thence North 48 Degrees 19 Minutes 10 Seconds East 80.4 feet  
thence North 50 Degrees 31 Minutes 01 Seconds East 116.4 feet  
thence North 44 Degrees 53 Minutes 23 Seconds East 63.8 feet  
thence North 41 Degrees 27 Minutes 24 Seconds East 93.6 feet  
thence North 41 Degrees 27 Minutes 33 Seconds East 5.4 feet  
thence North 35 Degrees 13 Minutes 08 Seconds East 5.2 feet more or less to **the ending point**

**at:** 39 degrees 58 minutes 53.71 seconds North Latitude and -110 degrees 09 minutes 09.09 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,017,979.8 feet and Y = 7,164,860.0 feet.

## Appendix C to Attachment 4

**Popular Name: Horner Knoll Road**

**County: Duchesne**

**County Road Number: 34**

**State Geographic Information Database (SGID) Road Identification Number: RD070011.**

**Road-Segment Number: 006**

**Road-Segment Length: 10.76 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 South Range 16 East, Section(s) 13,23,24,26,27,33,34, Salt Lake Base & Meridian

Township 9 South Range 16 East, Section(s) 4,5,7,8,17,18,20,29, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (Horner Knoll Road)-- Segment 006 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 39 degrees 59 minutes 40.97 seconds North Latitude and -110 degrees 08 minutes 53.57 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,019,114.8 feet and Y = 7,169,660.3 feet; thence the following courses along the said road center line:

thence North 17 Degrees 18 Minutes 17 Seconds West 60.7 feet  
thence North 15 Degrees 55 Minutes 37 Seconds West 107.3 feet  
thence North 17 Degrees 32 Minutes 30 Seconds West 103.1 feet  
thence North 18 Degrees 48 Minutes 39 Seconds West 103.5 feet  
thence North 18 Degrees 17 Minutes 15 Seconds West 102.1 feet  
thence North 17 Degrees 22 Minutes 52 Seconds West 104 feet  
thence North 17 Degrees 11 Minutes 33 Seconds West 102.9 feet  
thence North 18 Degrees 20 Minutes 55 Seconds West 102.8 feet  
thence North 18 Degrees 06 Minutes 20 Seconds West 101 feet  
thence North 19 Degrees 50 Minutes 12 Seconds West 93.3 feet  
thence North 25 Degrees 28 Minutes 17 Seconds West 83.4 feet

thence North 09 Degrees 49 Minutes 26 Seconds West 71.5 feet  
thence North 14 Degrees 03 Minutes 05 Seconds East 82 feet  
thence North 29 Degrees 58 Minutes 55 Seconds East 92.4 feet  
thence North 34 Degrees 34 Minutes 20 Seconds East 91.2 feet  
thence North 26 Degrees 45 Minutes 46 Seconds East 81.5 feet  
thence North 00 Degrees 37 Minutes 00 Seconds West 63 feet  
thence North 24 Degrees 03 Minutes 15 Seconds West 50.5 feet  
thence North 32 Degrees 40 Minutes 54 Seconds West 66.8 feet  
thence North 25 Degrees 09 Minutes 54 Seconds West 73.4 feet  
thence North 02 Degrees 33 Minutes 11 Seconds West 67.3 feet  
thence North 22 Degrees 35 Minutes 39 Seconds East 69.1 feet  
thence North 34 Degrees 24 Minutes 38 Seconds East 70.3 feet  
thence North 29 Degrees 53 Minutes 55 Seconds East 69.1 feet  
thence North 15 Degrees 07 Minutes 16 Seconds East 71.5 feet  
thence North 04 Degrees 44 Minutes 42 Seconds East 78.1 feet  
thence North 02 Degrees 52 Minutes 21 Seconds East 94.3 feet  
thence North 03 Degrees 45 Minutes 09 Seconds East 92.4 feet  
thence North 05 Degrees 46 Minutes 02 Seconds East 89.8 feet  
thence North 06 Degrees 34 Minutes 26 Seconds East 90.2 feet  
thence North 04 Degrees 28 Minutes 47 Seconds East 90.2 feet  
thence North 06 Degrees 01 Minutes 18 Seconds East 92.1 feet  
thence North 06 Degrees 59 Minutes 14 Seconds East 90.3 feet  
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thence North 36 Degrees 30 Minutes 42 Seconds East 94.7 feet  
thence North 42 Degrees 34 Minutes 52 Seconds East 95 feet  
thence North 43 Degrees 57 Minutes 23 Seconds East 91.7 feet  
thence North 46 Degrees 37 Minutes 32 Seconds East 88.9 feet  
thence North 49 Degrees 12 Minutes 53 Seconds East 91 feet  
thence North 51 Degrees 18 Minutes 51 Seconds East 90.4 feet  
thence North 49 Degrees 55 Minutes 43 Seconds East 91.3 feet  
thence North 47 Degrees 42 Minutes 34 Seconds East 92.3 feet  
thence North 46 Degrees 20 Minutes 31 Seconds East 96.1 feet  
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thence North 46 Degrees 26 Minutes 31 Seconds East 98.2 feet  
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thence North 42 Degrees 14 Minutes 21 Seconds East 98 feet  
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thence North 42 Degrees 54 Minutes 27 Seconds East 104.9 feet  
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thence North 39 Degrees 56 Minutes 59 Seconds East 104.1 feet

thence North 41 Degrees 27 Minutes 25 Seconds East 99 feet  
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thence North 22 Degrees 20 Minutes 46 Seconds East 97.1 feet  
thence North 22 Degrees 05 Minutes 07 Seconds East 58.9 feet  
thence North 22 Degrees 05 Minutes 06 Seconds East 28.1 feet  
thence North 22 Degrees 52 Minutes 49 Seconds East 2.5 feet  
thence North 19 Degrees 28 Minutes 01 Seconds East 105.7 feet  
thence North 19 Degrees 31 Minutes 03 Seconds East 76.4 feet  
thence North 20 Degrees 30 Minutes 37 Seconds East 64.6 feet  
thence North 19 Degrees 52 Minutes 20 Seconds East 54.2 feet  
thence North 15 Degrees 37 Minutes 37 Seconds East 9.6 feet  
thence North 13 Degrees 49 Minutes 50 Seconds West 87.1 feet  
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thence North 06 Degrees 50 Minutes 41 Seconds West 78 feet  
thence North 04 Degrees 19 Minutes 56 Seconds West 75 feet  
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thence North 00 Degrees 54 Minutes 59 Seconds East 76.2 feet  
thence North 10 Degrees 13 Minutes 20 Seconds West 63 feet  
thence North 37 Degrees 24 Minutes 59 Seconds West 65.8 feet  
thence North 59 Degrees 05 Minutes 59 Seconds West 63.3 feet  
thence North 67 Degrees 02 Minutes 52 Seconds West 68.9 feet  
thence North 65 Degrees 18 Minutes 55 Seconds West 80.7 feet  
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thence North 83 Degrees 22 Minutes 26 Seconds West 51.6 feet  
thence South 89 Degrees 40 Minutes 54 Seconds West 14.8 feet  
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thence North 73 Degrees 06 Minutes 52 Seconds West 82.1 feet  
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thence North 42 Degrees 24 Minutes 51 Seconds West 64.1 feet  
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thence North 29 Degrees 23 Minutes 55 Seconds West 70.2 feet  
thence North 22 Degrees 15 Minutes 35 Seconds West 74.6 feet  
thence North 13 Degrees 16 Minutes 46 Seconds West 42.4 feet  
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thence North 17 Degrees 19 Minutes 55 Seconds East 60.6 feet  
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thence North 23 Degrees 25 Minutes 11 Seconds East 59.5 feet  
thence North 20 Degrees 50 Minutes 01 Seconds East 59.1 feet  
thence North 18 Degrees 28 Minutes 54 Seconds East 16.3 feet  
thence North 14 Degrees 26 Minutes 45 Seconds East 94 feet  
thence North 05 Degrees 26 Minutes 57 Seconds West 80.7 feet  
thence North 16 Degrees 08 Minutes 50 Seconds West 89 feet

thence North 04 Degrees 02 Minutes 21 Seconds West 80.9 feet  
 thence North 09 Degrees 13 Minutes 13 Seconds East 81.2 feet  
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 thence North 01 Degrees 46 Minutes 06 Seconds East 51.5 feet  
 thence North 04 Degrees 05 Minutes 18 Seconds West 114.8 feet  
 thence North 11 Degrees 14 Minutes 17 Seconds West 123 feet  
 thence North 12 Degrees 52 Minutes 44 Seconds West 126.8 feet  
 thence North 08 Degrees 52 Minutes 15 Seconds West 125.8 feet  
 thence North 06 Degrees 26 Minutes 19 Seconds West 123.1 feet  
 thence North 05 Degrees 49 Minutes 50 Seconds West 123 feet  
 thence North 04 Degrees 11 Minutes 00 Seconds West 121.7 feet  
 thence North 01 Degrees 07 Minutes 48 Seconds East 116.9 feet  
 thence North 04 Degrees 19 Minutes 03 Seconds East 109.6 feet  
 thence North 09 Degrees 43 Minutes 45 Seconds East 111 feet  
 thence North 23 Degrees 45 Minutes 27 Seconds East 118.3 feet  
 thence North 32 Degrees 59 Minutes 59 Seconds East 126.1 feet  
 thence North 35 Degrees 38 Minutes 33 Seconds East 124.1 feet  
 thence North 39 Degrees 30 Minutes 33 Seconds East 110.7 feet  
 thence North 40 Degrees 50 Minutes 02 Seconds East 103.7 feet  
 thence North 42 Degrees 53 Minutes 02 Seconds East 103.5 feet

thence North 47 Degrees 06 Minutes 57 Seconds East 103.8 feet  
 thence North 38 Degrees 14 Minutes 16 Seconds East 84.8 feet  
 thence North 20 Degrees 03 Minutes 54 Seconds East 76.3 feet  
 thence North 10 Degrees 05 Minutes 53 Seconds East 90.8 feet  
 thence North 14 Degrees 10 Minutes 56 Seconds East 98.3 feet  
 thence North 29 Degrees 44 Minutes 32 Seconds East 103.5 feet  
 thence North 42 Degrees 08 Minutes 03 Seconds East 99.2 feet  
 thence North 46 Degrees 50 Minutes 35 Seconds East 98.5 feet  
 thence North 47 Degrees 40 Minutes 50 Seconds East 97.6 feet  
 thence North 44 Degrees 00 Minutes 29 Seconds East 98.6 feet  
 thence North 29 Degrees 35 Minutes 53 Seconds East 95.4 feet  
 thence North 07 Degrees 54 Minutes 22 Seconds East 84.9 feet  
 thence North 11 Degrees 48 Minutes 11 Seconds West 84.1 feet  
 thence North 16 Degrees 56 Minutes 19 Seconds West 91.8 feet  
 thence North 15 Degrees 57 Minutes 36 Seconds West 93.7 feet  
 thence North 11 Degrees 05 Minutes 25 Seconds West 75.5 feet  
 thence North 05 Degrees 52 Minutes 26 Seconds East 70 feet  
 thence North 24 Degrees 42 Minutes 46 Seconds East 82.2 feet  
 thence North 25 Degrees 04 Minutes 00 Seconds East 92.6 feet  
 thence North 23 Degrees 15 Minutes 38 Seconds East 84.5 feet  
 thence North 20 Degrees 57 Minutes 19 Seconds East 85.9 feet  
 thence North 33 Degrees 42 Minutes 41 Seconds East 76.8 feet  
 thence North 39 Degrees 44 Minutes 48 Seconds East 83.6 feet  
 thence North 35 Degrees 58 Minutes 10 Seconds East 90.4 feet  
 thence North 35 Degrees 23 Minutes 36 Seconds East 100.6 feet  
 thence North 34 Degrees 56 Minutes 37 Seconds East 102.9 feet  
 thence North 35 Degrees 13 Minutes 11 Seconds East 96 feet  
 thence North 37 Degrees 28 Minutes 46 Seconds East 85.1 feet  
 thence North 40 Degrees 54 Minutes 35 Seconds East 84.6 feet  
 thence North 48 Degrees 39 Minutes 09 Seconds East 90.5 feet  
 thence North 58 Degrees 57 Minutes 57 Seconds East 91.2 feet  
 thence North 62 Degrees 47 Minutes 34 Seconds East 103.8 feet  
 thence North 62 Degrees 39 Minutes 27 Seconds East 109.8 feet  
 thence North 62 Degrees 26 Minutes 25 Seconds East 111.8 feet  
 thence North 62 Degrees 04 Minutes 17 Seconds East 112.6 feet  
 thence North 61 Degrees 12 Minutes 00 Seconds East 105.3 feet  
 thence North 49 Degrees 34 Minutes 21 Seconds East 87.1 feet  
 thence North 32 Degrees 52 Minutes 30 Seconds East 83.9 feet  
 thence North 23 Degrees 10 Minutes 18 Seconds East 84.8 feet  
 thence North 21 Degrees 43 Minutes 59 Seconds East 83.9 feet  
 thence North 24 Degrees 45 Minutes 23 Seconds East 79 feet  
 thence North 28 Degrees 17 Minutes 33 Seconds East 82.2 feet  
 thence North 26 Degrees 52 Minutes 08 Seconds East 81.2 feet  
 thence North 11 Degrees 37 Minutes 18 Seconds East 76.1 feet  
 thence North 01 Degrees 03 Minutes 57 Seconds East 67.9 feet  
 thence North 05 Degrees 31 Minutes 07 Seconds East 74.2 feet  
 thence North 13 Degrees 39 Minutes 51 Seconds East 84.2 feet  
 thence North 15 Degrees 11 Minutes 39 Seconds East 83.4 feet  
 thence North 16 Degrees 50 Minutes 38 Seconds East 54.9 feet

thence North 16 Degrees 50 Minutes 41 Seconds East 15.1 feet  
 thence North 17 Degrees 20 Minutes 44 Seconds East 61.6 feet  
 thence North 31 Degrees 14 Minutes 38 Seconds East 80.9 feet  
 thence North 49 Degrees 43 Minutes 28 Seconds East 95 feet  
 thence North 57 Degrees 44 Minutes 29 Seconds East 92.4 feet  
 thence North 59 Degrees 47 Minutes 15 Seconds East 93.5 feet  
 thence North 58 Degrees 03 Minutes 41 Seconds East 93.3 feet  
 thence North 56 Degrees 11 Minutes 54 Seconds East 101.1 feet  
 thence North 52 Degrees 24 Minutes 31 Seconds East 93.2 feet  
 thence North 49 Degrees 21 Minutes 08 Seconds East 82.7 feet  
 thence North 48 Degrees 54 Minutes 37 Seconds East 59.8 feet  
 thence North 47 Degrees 10 Minutes 18 Seconds East 58.8 feet  
 thence North 52 Degrees 06 Minutes 49 Seconds East 70 feet  
 thence North 59 Degrees 10 Minutes 46 Seconds East 76.9 feet  
 thence North 67 Degrees 49 Minutes 59 Seconds East 73.2 feet  
 thence North 86 Degrees 52 Minutes 33 Seconds East 67 feet  
 thence South 86 Degrees 59 Minutes 12 Seconds East 62.1 feet  
 thence North 72 Degrees 16 Minutes 59 Seconds East 74.6 feet  
 thence North 40 Degrees 52 Minutes 05 Seconds East 73.3 feet  
 thence North 33 Degrees 43 Minutes 58 Seconds East 86.7 feet  
 thence North 47 Degrees 47 Minutes 57 Seconds East 93.9 feet  
 thence North 47 Degrees 58 Minutes 52 Seconds East 92.7 feet  
 thence North 39 Degrees 16 Minutes 56 Seconds East 93.7 feet  
 thence North 37 Degrees 35 Minutes 27 Seconds East 97.7 feet  
 thence North 37 Degrees 27 Minutes 14 Seconds East 95.9 feet  
 thence North 37 Degrees 31 Minutes 23 Seconds East 96.8 feet  
 thence North 38 Degrees 54 Minutes 51 Seconds East 92.4 feet  
 thence North 38 Degrees 39 Minutes 56 Seconds East 90.8 feet  
 thence North 38 Degrees 38 Minutes 40 Seconds East 97.1 feet  
 thence North 38 Degrees 38 Minutes 17 Seconds East 99.2 feet  
 thence North 38 Degrees 22 Minutes 20 Seconds East 97.1 feet  
 thence North 36 Degrees 01 Minutes 47 Seconds East 86.4 feet  
 thence North 25 Degrees 30 Minutes 54 Seconds East 91.9 feet  
 thence North 10 Degrees 57 Minutes 10 Seconds East 94 feet  
 thence North 06 Degrees 30 Minutes 59 Seconds East 88.2 feet  
 thence North 10 Degrees 21 Minutes 45 Seconds East 76.1 feet  
 thence North 14 Degrees 23 Minutes 39 Seconds East 60.7 feet  
 thence North 07 Degrees 54 Minutes 18 Seconds East 57.4 feet  
 thence North 04 Degrees 05 Minutes 10 Seconds West 54.9 feet  
 thence North 11 Degrees 33 Minutes 47 Seconds West 57.2 feet  
 thence North 17 Degrees 55 Minutes 20 Seconds West 71.6 feet  
 thence North 21 Degrees 23 Minutes 18 Seconds West 81.2 feet  
 thence North 20 Degrees 46 Minutes 47 Seconds West 70.4 feet  
 thence North 13 Degrees 39 Minutes 24 Seconds West 65.4 feet  
 thence North 04 Degrees 38 Minutes 01 Seconds West 87.2 feet  
 thence North 02 Degrees 24 Minutes 13 Seconds West 99.2 feet  
 thence North 07 Degrees 49 Minutes 10 Seconds West 80.4 feet  
 thence North 10 Degrees 15 Minutes 01 Seconds West 72.3 feet  
 thence North 02 Degrees 33 Minutes 08 Seconds West 67.3 feet

thence North 05 Degrees 47 Minutes 06 Seconds East 52.5 feet  
 thence North 12 Degrees 34 Minutes 13 Seconds East 39.7 feet  
 thence North 18 Degrees 30 Minutes 57 Seconds East 44.7 feet  
 thence North 25 Degrees 21 Minutes 15 Seconds East 65.9 feet  
 thence North 31 Degrees 43 Minutes 09 Seconds East 63.1 feet  
 thence North 39 Degrees 50 Minutes 18 Seconds East 55 feet  
 thence North 46 Degrees 25 Minutes 47 Seconds East 68.5 feet  
 thence North 50 Degrees 41 Minutes 28 Seconds East 79.8 feet  
 thence North 51 Degrees 50 Minutes 29 Seconds East 96.8 feet  
 thence North 51 Degrees 03 Minutes 00 Seconds East 106.7 feet  
 thence North 50 Degrees 21 Minutes 25 Seconds East 110.3 feet  
 thence North 49 Degrees 20 Minutes 57 Seconds East 114.1 feet  
 thence North 48 Degrees 47 Minutes 03 Seconds East 116.8 feet  
 thence North 49 Degrees 19 Minutes 27 Seconds East 109 feet  
 thence North 48 Degrees 47 Minutes 10 Seconds East 103.8 feet  
 thence North 49 Degrees 38 Minutes 47 Seconds East 104.6 feet  
 thence North 51 Degrees 07 Minutes 01 Seconds East 93.2 feet  
 thence North 52 Degrees 18 Minutes 03 Seconds East 73.5 feet  
 thence North 56 Degrees 32 Minutes 56 Seconds East 93.7 feet  
 thence North 65 Degrees 25 Minutes 48 Seconds East 105.5 feet  
 thence North 72 Degrees 38 Minutes 50 Seconds East 101.9 feet  
 thence North 74 Degrees 58 Minutes 00 Seconds East 24.2 feet  
 thence North 74 Degrees 58 Minutes 02 Seconds East 76.6 feet  
 thence North 70 Degrees 42 Minutes 43 Seconds East 99.9 feet  
 thence North 61 Degrees 29 Minutes 08 Seconds East 97.9 feet  
 thence North 54 Degrees 24 Minutes 04 Seconds East 85.2 feet  
 thence North 58 Degrees 11 Minutes 24 Seconds East 85.4 feet  
 thence North 63 Degrees 29 Minutes 17 Seconds East 90.7 feet  
 thence North 65 Degrees 47 Minutes 05 Seconds East 88.3 feet  
 thence North 65 Degrees 42 Minutes 01 Seconds East 97.7 feet  
 thence North 64 Degrees 36 Minutes 53 Seconds East 89.8 feet  
 thence North 64 Degrees 13 Minutes 56 Seconds East 60.3 feet  
 thence North 63 Degrees 15 Minutes 55 Seconds East 56.8 feet  
 thence North 64 Degrees 26 Minutes 18 Seconds East 70 feet  
 thence North 64 Degrees 27 Minutes 24 Seconds East 81.6 feet  
 thence North 64 Degrees 20 Minutes 46 Seconds East 89 feet  
 thence North 65 Degrees 08 Minutes 05 Seconds East 75 feet  
 thence North 66 Degrees 07 Minutes 48 Seconds East 55.8 feet  
 thence North 64 Degrees 59 Minutes 12 Seconds East 49.5 feet  
 thence North 66 Degrees 22 Minutes 09 Seconds East 64.7 feet  
 thence North 64 Degrees 09 Minutes 51 Seconds East 88.4 feet  
 thence North 63 Degrees 07 Minutes 02 Seconds East 85.1 feet  
 thence North 64 Degrees 03 Minutes 51 Seconds East 88.8 feet  
 thence North 69 Degrees 13 Minutes 58 Seconds East 144.6 feet  
 thence North 72 Degrees 40 Minutes 32 Seconds East 158.2 feet  
 thence North 74 Degrees 11 Minutes 23 Seconds East 159.7 feet  
 thence North 75 Degrees 56 Minutes 18 Seconds East 156.1 feet  
 thence North 82 Degrees 34 Minutes 24 Seconds East 145.8 feet  
 thence North 88 Degrees 34 Minutes 41 Seconds East 136.2 feet

thence North 86 Degrees 38 Minutes 26 Seconds East 136.1 feet  
 thence North 78 Degrees 02 Minutes 26 Seconds East 133.4 feet  
 thence North 69 Degrees 09 Minutes 35 Seconds East 131 feet  
 thence North 66 Degrees 22 Minutes 52 Seconds East 144.4 feet  
 thence North 65 Degrees 51 Minutes 57 Seconds East 143.8 feet  
 thence North 63 Degrees 25 Minutes 37 Seconds East 135.8 feet  
 thence North 59 Degrees 45 Minutes 55 Seconds East 67.8 feet  
 thence North 59 Degrees 45 Minutes 56 Seconds East 67.7 feet  
 thence North 59 Degrees 53 Minutes 05 Seconds East 132.7 feet  
 thence North 61 Degrees 43 Minutes 35 Seconds East 133 feet  
 thence North 62 Degrees 48 Minutes 27 Seconds East 135.8 feet  
 thence North 62 Degrees 55 Minutes 49 Seconds East 134.9 feet  
 thence North 64 Degrees 46 Minutes 39 Seconds East 131.7 feet  
 thence North 63 Degrees 51 Minutes 57 Seconds East 123.6 feet  
 thence North 61 Degrees 51 Minutes 30 Seconds East 120.2 feet  
 thence North 57 Degrees 05 Minutes 01 Seconds East 124.3 feet  
 thence North 52 Degrees 57 Minutes 30 Seconds East 129 feet  
 thence North 50 Degrees 50 Minutes 19 Seconds East 127.7 feet  
 thence North 49 Degrees 25 Minutes 02 Seconds East 115.3 feet  
 thence North 46 Degrees 53 Minutes 40 Seconds East 108.2 feet  
 thence North 45 Degrees 08 Minutes 07 Seconds East 117.4 feet  
 thence North 45 Degrees 01 Minutes 27 Seconds East 116.7 feet  
 thence North 44 Degrees 47 Minutes 52 Seconds East 115.3 feet  
 thence North 44 Degrees 25 Minutes 56 Seconds East 106.3 feet  
 thence North 44 Degrees 32 Minutes 12 Seconds East 91.2 feet  
 thence North 45 Degrees 01 Minutes 54 Seconds East 76.1 feet  
 thence North 43 Degrees 56 Minutes 35 Seconds East 71.9 feet  
 thence North 44 Degrees 00 Minutes 30 Seconds East 78.9 feet  
 thence North 45 Degrees 05 Minutes 26 Seconds East 97.7 feet  
 thence North 43 Degrees 59 Minutes 31 Seconds East 115.1 feet  
 thence North 43 Degrees 59 Minutes 33 Seconds East 19.8 feet  
 thence North 43 Degrees 17 Minutes 22 Seconds East 152.7 feet  
 thence North 42 Degrees 25 Minutes 07 Seconds East 158.6 feet  
 thence North 42 Degrees 02 Minutes 42 Seconds East 156.3 feet  
 thence North 42 Degrees 24 Minutes 46 Seconds East 152.3 feet  
 thence North 42 Degrees 11 Minutes 06 Seconds East 149.1 feet  
 thence North 41 Degrees 33 Minutes 49 Seconds East 145 feet  
 thence North 40 Degrees 55 Minutes 11 Seconds East 137.9 feet  
 thence North 40 Degrees 48 Minutes 08 Seconds East 133.7 feet  
 thence North 40 Degrees 42 Minutes 57 Seconds East 127.5 feet  
 thence North 41 Degrees 18 Minutes 13 Seconds East 126 feet  
 thence North 41 Degrees 15 Minutes 57 Seconds East 124.6 feet  
 thence North 39 Degrees 57 Minutes 22 Seconds East 118.3 feet  
 thence North 40 Degrees 25 Minutes 06 Seconds East 106.1 feet  
 thence North 40 Degrees 18 Minutes 22 Seconds East 91.2 feet  
 thence North 39 Degrees 20 Minutes 46 Seconds East 84.8 feet  
 thence North 40 Degrees 24 Minutes 38 Seconds East 96.6 feet  
 thence North 40 Degrees 14 Minutes 59 Seconds East 120.1 feet  
 thence North 40 Degrees 29 Minutes 51 Seconds East 152.6 feet

thence North 41 Degrees 18 Minutes 58 Seconds East 166 feet  
thence North 40 Degrees 40 Minutes 36 Seconds East 166.1 feet  
thence North 40 Degrees 43 Minutes 22 Seconds East 157.9 feet  
thence North 41 Degrees 07 Minutes 21 Seconds East 153.2 feet  
thence North 40 Degrees 50 Minutes 41 Seconds East 149.1 feet  
thence North 41 Degrees 11 Minutes 27 Seconds East 137.2 feet  
thence North 40 Degrees 42 Minutes 05 Seconds East 444.5 feet  
thence North 40 Degrees 53 Minutes 31 Seconds East 150.9 feet  
thence North 40 Degrees 03 Minutes 05 Seconds East 166.7 feet  
thence North 40 Degrees 15 Minutes 38 Seconds East 174.6 feet  
thence North 40 Degrees 32 Minutes 32 Seconds East 173.6 feet  
thence North 40 Degrees 33 Minutes 12 Seconds East 174 feet  
thence North 41 Degrees 22 Minutes 13 Seconds East 172.7 feet  
thence North 41 Degrees 41 Minutes 38 Seconds East 173.6 feet  
thence North 41 Degrees 26 Minutes 55 Seconds East 156 feet  
thence North 41 Degrees 26 Minutes 54 Seconds East 20.9 feet  
thence North 42 Degrees 00 Minutes 26 Seconds East 174 feet  
thence North 41 Degrees 30 Minutes 42 Seconds East 167.8 feet  
thence North 40 Degrees 53 Minutes 27 Seconds East 157.9 feet  
thence North 41 Degrees 56 Minutes 53 Seconds East 155.6 feet  
thence North 42 Degrees 34 Minutes 25 Seconds East 163.9 feet  
thence North 41 Degrees 13 Minutes 08 Seconds East 176.7 feet  
thence North 42 Degrees 03 Minutes 22 Seconds East 177.2 feet  
thence North 42 Degrees 39 Minutes 59 Seconds East 178.1 feet  
thence North 43 Degrees 05 Minutes 00 Seconds East 182.9 feet  
thence North 42 Degrees 27 Minutes 39 Seconds East 185.5 feet  
thence North 42 Degrees 35 Minutes 18 Seconds East 184.1 feet  
thence North 42 Degrees 48 Minutes 26 Seconds East 184.3 feet  
thence North 42 Degrees 18 Minutes 42 Seconds East 185.1 feet  
thence North 42 Degrees 49 Minutes 50 Seconds East 186.7 feet  
thence North 42 Degrees 31 Minutes 08 Seconds East 184.4 feet  
thence North 42 Degrees 07 Minutes 47 Seconds East 117.4 feet  
thence North 42 Degrees 07 Minutes 47 Seconds East 64.9 feet  
thence North 42 Degrees 04 Minutes 12 Seconds East 178.2 feet  
thence North 42 Degrees 05 Minutes 27 Seconds East 169.3 feet  
thence North 42 Degrees 24 Minutes 18 Seconds East 163.5 feet  
thence North 42 Degrees 43 Minutes 26 Seconds East 169.7 feet  
thence North 42 Degrees 46 Minutes 52 Seconds East 174.8 feet  
thence North 43 Degrees 16 Minutes 29 Seconds East 179.4 feet  
thence North 42 Degrees 58 Minutes 58 Seconds East 179.9 feet  
thence North 43 Degrees 36 Minutes 58 Seconds East 174.5 feet  
thence North 43 Degrees 01 Minutes 25 Seconds East 168.3 feet  
thence North 43 Degrees 51 Minutes 29 Seconds East 467.6 feet  
thence North 43 Degrees 37 Minutes 24 Seconds East 163.2 feet  
thence North 44 Degrees 02 Minutes 01 Seconds East 163.8 feet  
thence North 44 Degrees 16 Minutes 14 Seconds East 161.3 feet  
thence North 44 Degrees 46 Minutes 01 Seconds East 158 feet  
thence North 44 Degrees 35 Minutes 44 Seconds East 152.5 feet  
thence North 44 Degrees 52 Minutes 35 Seconds East 137.4 feet

thence North 44 Degrees 07 Minutes 58 Seconds East 120.9 feet  
 thence North 44 Degrees 23 Minutes 31 Seconds East 91.4 feet  
 thence North 44 Degrees 11 Minutes 04 Seconds East 26.7 feet  
 thence North 44 Degrees 21 Minutes 33 Seconds East 246.4 feet  
 thence North 44 Degrees 56 Minutes 54 Seconds East 150.1 feet  
 thence North 44 Degrees 22 Minutes 38 Seconds East 174 feet  
 thence North 44 Degrees 22 Minutes 41 Seconds East 174.5 feet  
 thence North 44 Degrees 45 Minutes 36 Seconds East 172.4 feet  
 thence North 46 Degrees 00 Minutes 28 Seconds East 170.6 feet  
 thence North 45 Degrees 22 Minutes 10 Seconds East 174.3 feet  
 thence North 44 Degrees 54 Minutes 36 Seconds East 98.5 feet  
 thence North 44 Degrees 54 Minutes 35 Seconds East 77.2 feet  
 thence North 43 Degrees 55 Minutes 30 Seconds East 175.4 feet  
 thence North 43 Degrees 01 Minutes 13 Seconds East 176 feet  
 thence North 42 Degrees 48 Minutes 22 Seconds East 177.1 feet  
 thence North 41 Degrees 55 Minutes 12 Seconds East 173.3 feet  
 thence North 41 Degrees 25 Minutes 00 Seconds East 171.1 feet  
 thence North 41 Degrees 15 Minutes 42 Seconds East 171.1 feet  
 thence North 42 Degrees 00 Minutes 58 Seconds East 169.6 feet  
 thence North 42 Degrees 20 Minutes 09 Seconds East 170 feet  
 thence North 41 Degrees 38 Minutes 17 Seconds East 174.7 feet  
 thence North 41 Degrees 41 Minutes 37 Seconds East 178 feet  
 thence North 42 Degrees 18 Minutes 36 Seconds East 168.1 feet  
 thence North 42 Degrees 18 Minutes 13 Seconds East 167.7 feet  
 thence North 42 Degrees 42 Minutes 29 Seconds East 168.3 feet  
 thence North 44 Degrees 12 Minutes 15 Seconds East 166.6 feet  
 thence North 43 Degrees 56 Minutes 50 Seconds East 162.7 feet  
 thence North 44 Degrees 21 Minutes 13 Seconds East 161.5 feet  
 thence North 44 Degrees 40 Minutes 58 Seconds East 137.2 feet  
 thence North 44 Degrees 40 Minutes 58 Seconds East 23.8 feet  
 thence North 44 Degrees 36 Minutes 01 Seconds East 160.8 feet  
 thence North 44 Degrees 01 Minutes 14 Seconds East 160.6 feet  
 thence North 43 Degrees 12 Minutes 05 Seconds East 161.6 feet  
 thence North 42 Degrees 23 Minutes 09 Seconds East 162.1 feet  
 thence North 43 Degrees 25 Minutes 16 Seconds East 158.1 feet  
 thence North 44 Degrees 10 Minutes 11 Seconds East 155.5 feet  
 thence North 44 Degrees 40 Minutes 59 Seconds East 155.5 feet  
 thence North 44 Degrees 35 Minutes 46 Seconds East 152.9 feet  
 thence North 43 Degrees 47 Minutes 26 Seconds East 149 feet  
 thence North 43 Degrees 09 Minutes 32 Seconds East 148.3 feet  
 thence North 42 Degrees 58 Minutes 47 Seconds East 148.3 feet  
 thence North 42 Degrees 07 Minutes 56 Seconds East 151.2 feet  
 thence North 42 Degrees 01 Minutes 27 Seconds East 150.1 feet  
 thence North 41 Degrees 48 Minutes 09 Seconds East 147.8 feet  
 thence North 41 Degrees 03 Minutes 00 Seconds East 146.5 feet  
 thence North 41 Degrees 26 Minutes 36 Seconds East 147.8 feet  
 thence North 41 Degrees 33 Minutes 27 Seconds East 149 feet  
 thence North 41 Degrees 35 Minutes 12 Seconds East 150.4 feet  
 thence North 42 Degrees 07 Minutes 19 Seconds East 145.4 feet

thence North 43 Degrees 00 Minutes 14 Seconds East 142.5 feet  
thence North 43 Degrees 16 Minutes 03 Seconds East 140.9 feet  
thence North 44 Degrees 35 Minutes 01 Seconds East 133.9 feet  
thence North 45 Degrees 57 Minutes 39 Seconds East 124.9 feet  
thence North 47 Degrees 20 Minutes 46 Seconds East 119.9 feet  
thence North 48 Degrees 13 Minutes 26 Seconds East 116.5 feet  
thence North 48 Degrees 16 Minutes 27 Seconds East 111.1 feet  
thence North 47 Degrees 53 Minutes 25 Seconds East 107.8 feet  
thence North 49 Degrees 34 Minutes 56 Seconds East 106 feet  
thence North 51 Degrees 25 Minutes 23 Seconds East 102.8 feet  
thence North 52 Degrees 53 Minutes 12 Seconds East 102.5 feet  
thence North 52 Degrees 46 Minutes 35 Seconds East 102.2 feet  
thence North 52 Degrees 08 Minutes 19 Seconds East 94.8 feet  
thence North 52 Degrees 13 Minutes 29 Seconds East 60 feet  
thence North 52 Degrees 13 Minutes 30 Seconds East 23.1 feet  
thence North 52 Degrees 26 Minutes 27 Seconds East 80.8 feet  
thence North 52 Degrees 06 Minutes 00 Seconds East 79.1 feet  
thence North 52 Degrees 51 Minutes 40 Seconds East 78.3 feet  
thence North 55 Degrees 08 Minutes 52 Seconds East 14.2 feet more or less to **the ending**

**point at:** 40 degrees 06 minutes 39.89 seconds North Latitude and -110 degrees 03 minutes 53.57 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,041,778.4 feet and Y = 7,212,404.9 feet.