

Ent 390306 Page 1 of 13  
Date: 07-MAY-2008 9:01AM  
Fee: None  
Filed By: DKS  
DIXIE SWASEY, Recorder  
EMERY COUNTY CORPORATION  
For: GOVERNOR/STATE OF UTAH

**Acknowledgment and  
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 Acknowledgment and Notice of Acknowledgment made under Utah Code Sections 72-5-309 through 310 inclusive, that the grant of the United States of America of “the right of way for the construction of highways over public lands, not reserved for public uses” under United States Revised Statutes 2477 (43 U.S.C. Section 932 (repealed October 21, 1976, with proviso recognizing the validity of rights-of-way already established)) was accepted for and on behalf of the State of Utah and its political subdivision Emery County as it pertains to the highway located in Emery County known as LOWER SAN RAFAEL ROAD; County Road Number: 1010; State Geographic Information Database (SGID) Road Identification Number: RD080013. Total road length is 57.35 miles more or less.

The reason for this Acknowledgment and Notice of Acknowledgment includes, but is not limited to, the fact that the road was constructed, mechanically, or by continuous use as a public highway for a period of at least ten years, over public lands not reserved for public uses, prior to the earlier of (a) the October 21, 1976 repeal of R.S. 2477 or (b) the date the servient estate was reserved for public uses.

This Acknowledgment and Notice of Acknowledgment applies only to the segments of the road that traverse land owned by the Bureau of Land Management, United States Department of the Interior, and does not apply to segments of the road that traverse land owned by any other person or entity. The State of Utah and its political subdivisions reserve the right to make further acknowledgments and notices of acknowledgment with regard to road segments that traverse land owned by other entities, including the United States of America, through one or more of its agencies.

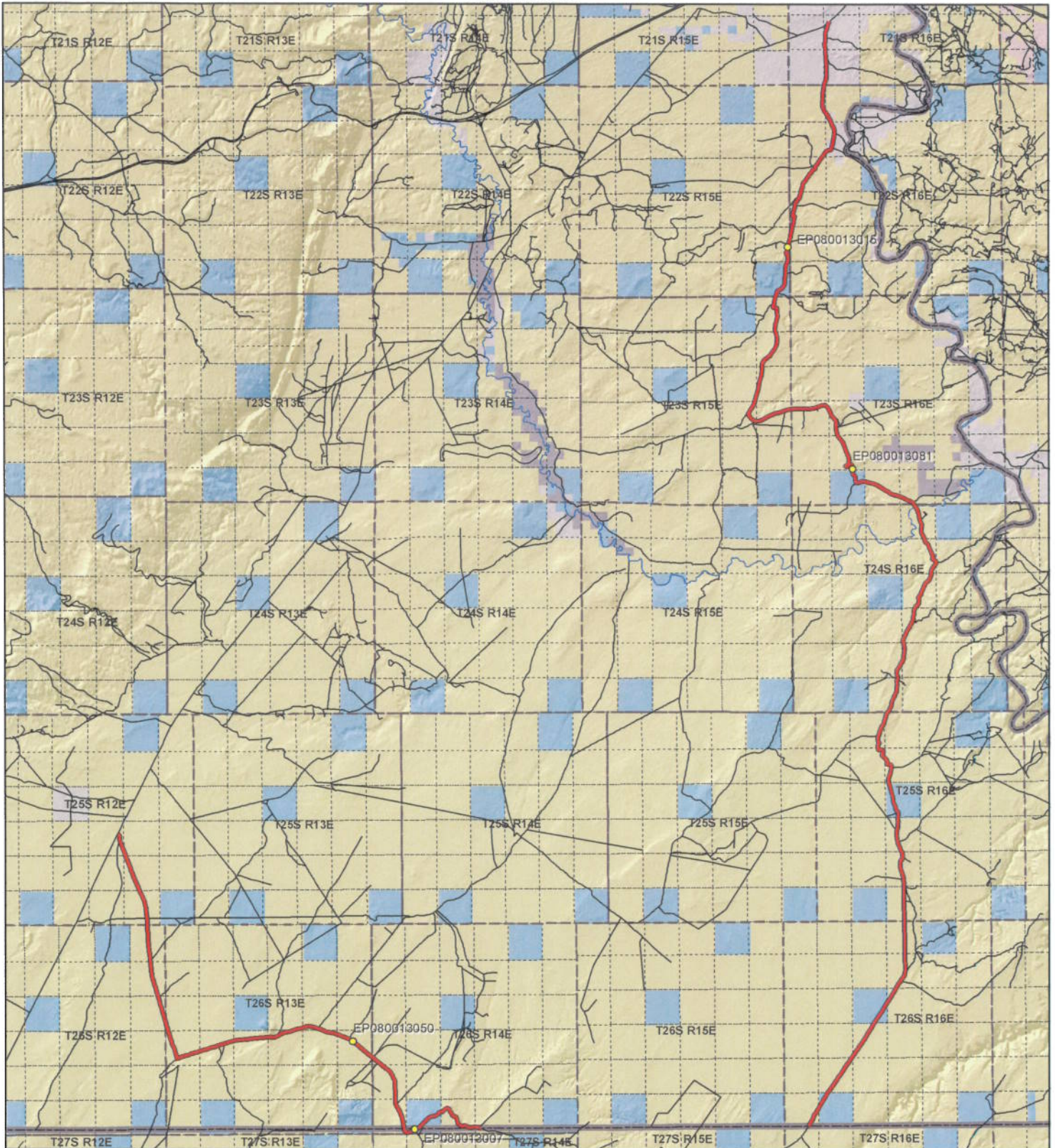
A printed copy of a map showing the location of the road in said county is appended hereto as “Attachment 1,” a printed copy of representative photos of the road is appended hereto as “Attachment 2,” a printed copy of a description of the beginning and ending points of the entire road together with a list of Townships, Ranges and Sections that may be traversed by the road in said county is appended hereto as “Attachment 3,” and a printed copy of the Road Centerline Description Cover Page(s) is appended hereto as “Attachment 4.” The Appendices listed in “Attachment 4” that contain the actual road centerline descriptions are incorporated herein by reference. Affidavits provided by individuals familiar with the road are appended hereto as “Attachment 5.”





A printed copy of this Acknowledgment and Notice of Acknowledgment, together with its Attachments and Appendices, may be viewed and/or obtained at the office of the Utah State Archives.

An electronic copy of this Acknowledgment and Notice of Acknowledgment, together with its Attachments and Appendices, may be viewed and/or downloaded as read-only PDF (Portable Document Format) files via the



Attachment 1



 <p>1:238,519 1 inch equals 3.8 miles</p>		<p align="center"><b>LOWER SAN RAFAEL ROAD - Emery County</b> <b>SGID RD_ID RD080013</b></p> <table border="0"> <tr> <td colspan="2"><b>Land Ownership Categories</b></td> <td colspan="2"><b>Transportation Network</b></td> </tr> <tr> <td> BLM</td> <td> Wilderness</td> <td> LOWER SAN RAFAEL ROAD</td> <td> Title V: Issued Or Under Consideration By BLM Or County</td> </tr> <tr> <td> Private</td> <td> UDWR Wildlife Reserve</td> <td> Other Roads</td> <td> Photo Event Point</td> </tr> <tr> <td> SITLA, State Trust Land</td> <td> DOD, Military</td> <td> Section = 1 Mile</td> <td></td> </tr> <tr> <td> USFS, National Forest</td> <td> State Sovereign Land</td> <td></td> <td></td> </tr> <tr> <td> State Parks and Recreation</td> <td> National Recreation Area</td> <td></td> <td></td> </tr> <tr> <td> Tribal, Indian Reservation</td> <td> USFWS, Natl. Wildlife Refuge</td> <td></td> <td></td> </tr> <tr> <td> NPS, National Park</td> <td></td> <td></td> <td></td> </tr> </table>	<b>Land Ownership Categories</b>		<b>Transportation Network</b>		BLM	Wilderness	LOWER SAN RAFAEL ROAD	Title V: Issued Or Under Consideration By BLM Or County	Private	UDWR Wildlife Reserve	Other Roads	Photo Event Point	SITLA, State Trust Land	DOD, Military	Section = 1 Mile		USFS, National Forest	State Sovereign Land			State Parks and Recreation	National Recreation Area			Tribal, Indian Reservation	USFWS, Natl. Wildlife Refuge			NPS, National Park				<p>Map prepared by the State of Utah Automated Geographic Reference Center Room 5130 State Office Building Salt Lake City, Utah 84114 Jan 29, 2008</p>  
<b>Land Ownership Categories</b>		<b>Transportation Network</b>																																	
BLM	Wilderness	LOWER SAN RAFAEL ROAD	Title V: Issued Or Under Consideration By BLM Or County																																
Private	UDWR Wildlife Reserve	Other Roads	Photo Event Point																																
SITLA, State Trust Land	DOD, Military	Section = 1 Mile																																	
USFS, National Forest	State Sovereign Land																																		
State Parks and Recreation	National Recreation Area																																		
Tribal, Indian Reservation	USFWS, Natl. Wildlife Refuge																																		
NPS, National Park																																			

Attachment 2



EP080013007



EP080013015



EP080013050



EP080013081

EP000000000

EP000000000

LOWER SAN RAFAEL ROAD - Emery County  
SGID RD\_ID RD080013

Map prepared by the State of Utah  
Automated Geographic Reference Center  
Room 5130 State Office Building  
Salt Lake City, Utah 84114  
February 1, 2008



### Attachment 3

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

**Popular Name: LOWER SAN RAFAEL ROAD**

**County: Emery**

**County Road Number: 1010**

**State Geographic Information Database (SGID) Road Identification Number: RD080013.**

**Total Road Length: 57.35 miles more or less.**

**Beginning at a point** on the road centerline located at 38 degrees 30 minutes 00.03 seconds North Latitude and -110 degrees 22 minutes 44.85 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,961,252.4 feet and Y = 6,624,390.2 feet based on the US Survey Foot conversion.

**Ending at a point** on the road centerline located at 38 degrees 57 minutes 43.69 seconds North Latitude and -110 degrees 11 minutes 15.15 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,013,616.5 feet and Y = 6,793,442.1 feet based on the US Survey Foot conversion.

This road may traverse:

Township 21 South Range 16 East, Section(s) 29,32, Salt Lake Base & Meridian  
 Township 22 South Range 15 East, Section(s) 25,36, Salt Lake Base & Meridian  
 Township 22 South Range 16 East, Section(s) 5,6,7,8,18,19,30, Salt Lake Base & Meridian  
 Township 23 South Range 15 East, Section(s) 1,12,13,14,23,24, Salt Lake Base & Meridian  
 Township 23 South Range 16 East, Section(s) 19,20,29,32,33,34, Salt Lake Base & Meridian  
 Township 24 South Range 16 East, Section(s) 3,10,11,15,22,27,28,33, Salt Lake Base & Meridian  
 Township 25 South Range 12 East, Section(s) 22,23,26,35, Salt Lake Base & Meridian  
 Township 25 South Range 16 East, Section(s) 4,5,8,9,16,21,28,33, Salt Lake Base & Meridian  
 Township 26 South Range 12 East, Section(s) 1,12,13, Salt Lake Base & Meridian  
 Township 26 South Range 13 East, Section(s) 14,15,18,19,20,21,22,23,24, Salt Lake Base & Meridian  
 Township 26 South Range 14 East, Section(s) 19,30,31,32,33,34, Salt Lake Base & Meridian  
 Township 26 South Range 16 East, Section(s) 3,10,15,16,20,21,29,31,32, 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: LOWER SAN RAFAEL ROAD**

**County: Emery**

**County Road Number: 1010**

**State Geographic Information Database (SGID) Road Identification Number: RD080013.**

**Total Road Length: 57.35 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>
RD080013	001	BLM	1.53 Miles	A
RD080013	002	ST	1.19 Miles	(not shown)
RD080013	003	BLM	15.27 Miles	B
RD080013	004	BLM	0.57 Miles	C
RD080013	005	ST	0.54 Miles	(not shown)
RD080013	006	BLM	2.41 Miles	D
RD080013	007	ST	0.69 Miles	(not shown)
RD080013	008	BLM	5.57 Miles	E
RD080013	009	ST	1.05 Miles	(not shown)
RD080013	010	BLM	10.68 Miles	F
RD080013	011	ST	0.64 Miles	(not shown)
RD080013	012	BLM	8.5 Miles	G
RD080013	013	ST	1.11 Miles	(not shown)
RD080013	014	BLM	3.57 Miles	H
RD080013	015	PVT	0.5 Miles	(not shown)
RD080013	016	BLM	0.14 Miles	I
RD080013	017	PVT	0.1 Miles	(not shown)
RD080013	018	BLM	0.28 Miles	J
RD080013	019	PVT	0.32 Miles	(not shown)
RD080013	020	BLM	0.83 Miles	K
RD080013	021	PVT	1.85 Miles	(not shown)
		<b>Total Road Length</b>	<b>57.35</b>	

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

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

## Attachment 5

**AFFIDAVIT OF TED EKKER  
LOWER SAN RAFAEL ROAD  
EMERY COUNTY, UTAH  
ROAD NUMBER 1010**

State of Utah                    )  
  : ss.  
County of Emery                )

TED EKKER, being first duly sworn, deposes and states as follows:

1. I am an adult competent to testify about the matters set forth below based upon my personal knowledge. I currently reside in Green River, Emery County, Utah. I have lived in Emery County for most of my life.

2. I have traveled and am familiar with a road in Emery County known as Lower San Rafael Road. I am also familiar with the land the road traverses. When I first used and observed the road in the early 1940s, it followed the same route as in 2007 when I last observed it. Attached is an Emery County map showing Lower San Rafael Road. To the best of my knowledge and based upon my use of and familiarity with this road and the land it traverses, the location and route of the road are correctly illustrated on the attached map.

3. I am informed that the County also identifies this road according to the road number listed above.

4. I have observed that the road has been open to the public for all to use, to come and go as they pleased, since at least as early as the early 1940s and continuing through 1976 to 2007. Throughout this time period I have observed travel on the road by means of pickup trucks, cars, recreational vehicles. Throughout the time period, the road has been used daily for more than ten continuous years prior to 1976 and is presently used daily.



5. Throughout the time period from the early 1940s to 2007, I have used the road myself for livestock operations, oil and gas exploration, mining exploration, hunting, rock hounding and traveling in and through the area.

6. Throughout the time period described in the previous paragraph, I have observed other vehicles from the general public using the road at various times for the uses described in the previous paragraph, plus prospecting for minerals, recreation and government access.

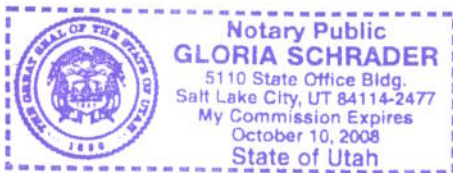
7. It is also the reputation in the community that this road has been open to the public for all to use, to come and go as they pleased, since at least as early as the early 1900s and continuing through 1976 to the present, for the uses described in the previous paragraphs.

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

DATED this 8 day of March, 2007.

Ted Ekker  
TED EKKER

SUBSCRIBED AND SWORN to before me this 8<sup>th</sup> day of March, 2007.



Gloria Schrader  
NOTARY PUBLIC

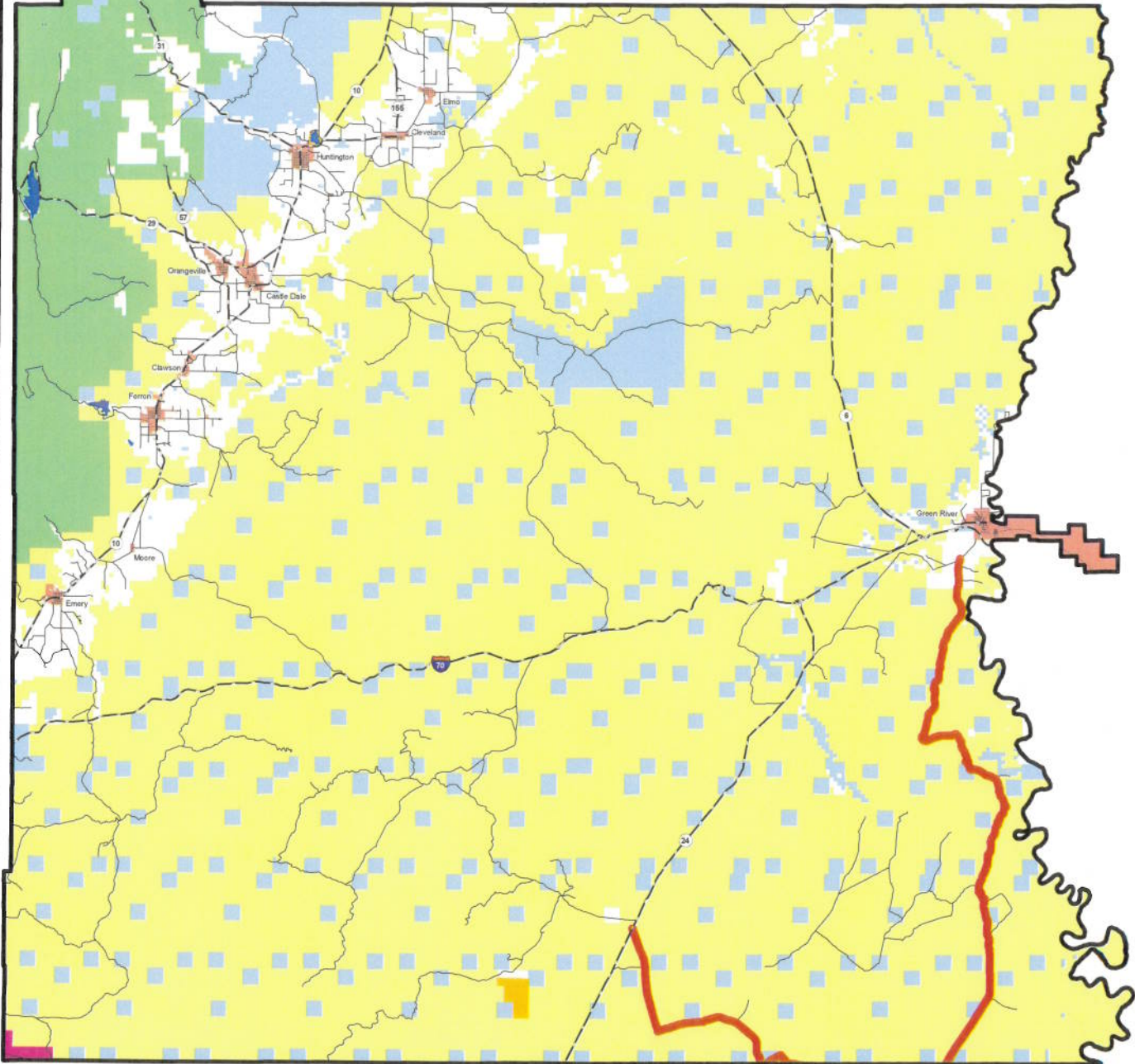
# Road #1010

# Lower San Rafael

-  Lower San Rafael
-  Highway/Interstate
-  B Class Road



-  BLM
-  State
-  NPS
-  Water
-  USFS
-  Private
-  USP
-  City Boundary



AFFIDAVIT OF CHERYL KEENER

LOWER SAN RAFAEL ROAD

EMERY COUNTY, UTAH

ROAD NUMBER 1010

State of Utah )  
 : ss.  
County of Emery )

CHERYL KEENER, being first duly sworn, deposes and states as follows:

1. I am an adult competent to testify about the matters set forth below based upon my personal knowledge. I currently reside in Green River, Emery County, Utah. I have lived in Emery County for most of my life.

2. I have traveled and am familiar with a road in Emery County known as Lower San Rafael Road. I am also familiar with the land the road traverses. When I first used and observed the road in the early 1950s it followed the same route as in 2007 when I last observed it. Attached is a Emery County map showing the Lower San Rafael Road. To the best of my knowledge and based upon my use of and familiarity with this road and the land it traverses, the location and route of the road are correctly illustrated on the attached map.

3. I am informed that the County also identifies this road according to the road number listed above.

4. I have observed that the road has been open to the public for all to use, to come and go as they pleased, since at least as early as the early 1950s and continuing through 1976 to 2007. Throughout this time period I have observed travel on the road by various means, including cars, trucks, recreational vehicles, and pickup trucks. Throughout this time period, the road has been used daily, for more than ten continuous years prior to 1976, and is presently used daily.

5. Throughout the time period from the early 1950s to 2007, I have used the road myself for the following uses: access to livestock operations, recreation.

6. Throughout the time period described in the previous paragraph, I observed other vehicles from the general public using the road at various times for the uses described in the previous paragraph, plus tourism and government access.

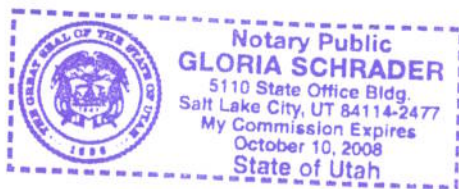
7. It is also the reputation in the community that this road has been open to the public for all to use, to come and go as they pleased, since at least as early as the early 1900s and continuing through 1976 to the present, for the uses described in the previous paragraphs.

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

DATED this 8<sup>th</sup> day of March, 2007.

*Cheryl Keener*  
CHERYL KEENER

SUBSCRIBED AND SWORN to before me this 8<sup>th</sup> day of March, 2007.



*Gloria Schrader*  
NOTARY PUBLIC



## Appendix A to Attachment 4

**Popular Name: LOWER SAN RAFAEL ROAD**

**County: Emery**

**County Road Number: 1010**

**State Geographic Information Database (SGID) Road Identification Number: RD080013.**

**Road-Segment Number: 001**

**Road-Segment Length: 1.53 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 26 South Range 14 East, Section(s) 33,34, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (LOWER SAN RAFAEL 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 38 degrees 30 minutes 00.03 seconds North Latitude and -110 degrees 22 minutes 44.85 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,961,252.4 feet and Y = 6,624,390.2 feet; thence the following courses along the said road center line:

thence North 67 Degrees 51 Minutes 19 Seconds West 181.2 feet  
thence North 72 Degrees 27 Minutes 36 Seconds West 158.3 feet  
thence North 86 Degrees 17 Minutes 53 Seconds West 154 feet  
thence South 83 Degrees 58 Minutes 12 Seconds West 152.1 feet  
thence North 77 Degrees 21 Minutes 20 Seconds West 150.6 feet  
thence North 81 Degrees 46 Minutes 33 Seconds West 112.5 feet  
thence North 82 Degrees 02 Minutes 31 Seconds West 50.1 feet  
thence South 83 Degrees 35 Minutes 38 Seconds West 179.9 feet  
thence South 83 Degrees 13 Minutes 02 Seconds West 187 feet  
thence South 82 Degrees 52 Minutes 30 Seconds West 197 feet  
thence South 83 Degrees 22 Minutes 09 Seconds West 203.4 feet

thence South 85 Degrees 47 Minutes 57 Seconds West 204.3 feet  
 thence North 66 Degrees 53 Minutes 24 Seconds West 183.2 feet  
 thence North 45 Degrees 06 Minutes 32 Seconds West 179.4 feet  
 thence North 58 Degrees 51 Minutes 34 Seconds West 190.5 feet  
 thence North 82 Degrees 41 Minutes 56 Seconds West 165.6 feet  
 thence South 66 Degrees 29 Minutes 16 Seconds West 139.3 feet  
 thence South 70 Degrees 34 Minutes 59 Seconds West 173.7 feet  
 thence North 84 Degrees 51 Minutes 30 Seconds West 165.2 feet  
 thence North 57 Degrees 30 Minutes 21 Seconds West 162.9 feet  
 thence North 54 Degrees 19 Minutes 13 Seconds West 166.4 feet  
 thence North 61 Degrees 24 Minutes 44 Seconds West 175.1 feet  
 thence North 43 Degrees 33 Minutes 08 Seconds West 149.6 feet  
 thence North 30 Degrees 01 Minutes 49 Seconds West 102 feet  
 thence North 25 Degrees 14 Minutes 09 Seconds West 10.1 feet  
 thence North 25 Degrees 23 Minutes 46 Seconds West 117.8 feet  
 thence North 12 Degrees 16 Minutes 23 Seconds West 163.4 feet  
 thence North 05 Degrees 24 Minutes 06 Seconds East 167.6 feet  
 thence North 20 Degrees 35 Minutes 48 Seconds West 159.2 feet  
 thence North 33 Degrees 50 Minutes 53 Seconds West 180.7 feet  
 thence North 36 Degrees 49 Minutes 21 Seconds West 178.8 feet  
 thence North 53 Degrees 51 Minutes 27 Seconds West 151.9 feet  
 thence North 72 Degrees 19 Minutes 16 Seconds West 153.9 feet  
 thence North 69 Degrees 00 Minutes 47 Seconds West 144.5 feet  
 thence North 38 Degrees 04 Minutes 52 Seconds West 145.3 feet  
 thence North 22 Degrees 21 Minutes 40 Seconds West 137.4 feet  
 thence North 26 Degrees 04 Minutes 36 Seconds West 123.2 feet  
 thence North 39 Degrees 18 Minutes 59 Seconds West 126.3 feet  
 thence North 42 Degrees 56 Minutes 42 Seconds West 122.7 feet  
 thence North 36 Degrees 11 Minutes 10 Seconds West 96.4 feet  
 thence North 29 Degrees 30 Minutes 25 Seconds West 45.1 feet  
 thence North 25 Degrees 37 Minutes 08 Seconds West 46.1 feet  
 thence North 23 Degrees 18 Minutes 34 Seconds West 100.9 feet  
 thence North 28 Degrees 00 Minutes 51 Seconds West 127.9 feet  
 thence North 35 Degrees 56 Minutes 46 Seconds West 140.9 feet  
 thence North 38 Degrees 21 Minutes 39 Seconds West 149.2 feet  
 thence North 62 Degrees 10 Minutes 41 Seconds West 137.8 feet  
 thence South 80 Degrees 48 Minutes 33 Seconds West 138.5 feet  
 thence South 64 Degrees 28 Minutes 04 Seconds West 141.9 feet  
 thence South 59 Degrees 42 Minutes 19 Seconds West 138.7 feet  
 thence South 45 Degrees 44 Minutes 15 Seconds West 124.4 feet  
 thence South 35 Degrees 33 Minutes 13 Seconds West 126 feet  
 thence South 37 Degrees 26 Minutes 51 Seconds West 120 feet  
 thence South 53 Degrees 03 Minutes 27 Seconds West 101.8 feet  
 thence South 64 Degrees 02 Minutes 30 Seconds West 98.7 feet  
 thence South 75 Degrees 32 Minutes 08 Seconds West 94.1 feet  
 thence South 82 Degrees 27 Minutes 46 Seconds West 86.4 feet  
 thence South 80 Degrees 35 Minutes 58 Seconds West 70.8 feet more or less to **the ending**

**point at:** 38 degrees 30 minutes 24.79 seconds North Latitude and -110 degrees 24 minutes 02.33 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet

coordinates of X = 1,955,061.4 feet and Y = 6,626,818.7 feet.



## Appendix B to Attachment 4

**Popular Name: LOWER SAN RAFAEL ROAD**

**County: Emery**

**County Road Number: 1010**

**State Geographic Information Database (SGID) Road Identification Number: RD080013.**

**Road-Segment Number: 003**

**Road-Segment Length: 15.27 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 25 South Range 12 East, Section(s) 22,23,26,35, Salt Lake Base & Meridian

Township 26 South Range 12 East, Section(s) 1,12,13, Salt Lake Base & Meridian

Township 26 South Range 13 East, Section(s) 14,15,18,19,20,21,22,23,24, Salt Lake Base & Meridian

Township 26 South Range 14 East, Section(s) 19,30,31, Salt Lake Base & Meridian

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

**Beginning at a point** on the road center line located at 38 degrees 29 minutes 54.27 seconds North Latitude and -110 degrees 25 minutes 08.67 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,949,824.7 feet and Y = 6,623,666.7 feet; thence the following courses along the said road center line:

thence North 77 Degrees 28 Minutes 59 Seconds West 76.8 feet  
thence North 49 Degrees 00 Minutes 45 Seconds West 227.7 feet  
thence North 18 Degrees 52 Minutes 35 Seconds West 214.7 feet  
thence North 05 Degrees 38 Minutes 35 Seconds West 202.1 feet  
thence North 08 Degrees 18 Minutes 39 Seconds West 35.5 feet  
thence North 08 Degrees 44 Minutes 37 Seconds West 197.4 feet  
thence North 08 Degrees 01 Minutes 55 Seconds West 186.2 feet  
thence North 09 Degrees 32 Minutes 52 Seconds West 163.9 feet

thence North 10 Degrees 36 Minutes 14 Seconds West 160.1 feet  
 thence North 12 Degrees 06 Minutes 46 Seconds West 164 feet  
 thence North 10 Degrees 19 Minutes 57 Seconds West 177.7 feet  
 thence North 11 Degrees 08 Minutes 09 Seconds West 168.1 feet  
 thence North 10 Degrees 59 Minutes 17 Seconds West 152.6 feet  
 thence North 11 Degrees 54 Minutes 44 Seconds West 135.7 feet  
 thence North 14 Degrees 29 Minutes 18 Seconds West 112.7 feet  
 thence North 20 Degrees 10 Minutes 44 Seconds West 71.5 feet  
 thence North 17 Degrees 26 Minutes 00 Seconds West 13.4 feet  
 thence North 17 Degrees 06 Minutes 48 Seconds West 43.2 feet  
 thence North 19 Degrees 25 Minutes 04 Seconds West 109.4 feet  
 thence North 20 Degrees 20 Minutes 04 Seconds West 155.5 feet  
 thence North 19 Degrees 55 Minutes 36 Seconds West 153.7 feet  
 thence North 22 Degrees 33 Minutes 29 Seconds West 147.5 feet  
 thence North 23 Degrees 51 Minutes 08 Seconds West 130 feet  
 thence North 24 Degrees 21 Minutes 25 Seconds West 119.3 feet  
 thence North 29 Degrees 17 Minutes 38 Seconds West 140.3 feet  
 thence North 29 Degrees 16 Minutes 28 Seconds West 148.5 feet  
 thence North 28 Degrees 07 Minutes 21 Seconds West 157.7 feet  
 thence North 28 Degrees 16 Minutes 15 Seconds West 159 feet  
 thence North 28 Degrees 36 Minutes 28 Seconds West 162.1 feet  
 thence North 29 Degrees 03 Minutes 27 Seconds West 167.3 feet  
 thence North 29 Degrees 54 Minutes 10 Seconds West 162.3 feet  
 thence North 29 Degrees 53 Minutes 03 Seconds West 146.4 feet  
 thence North 21 Degrees 26 Minutes 59 Seconds West 148.5 feet  
 thence North 06 Degrees 42 Minutes 21 Seconds West 177.4 feet  
 thence North 00 Degrees 00 Minutes 16 Seconds East 168.4 feet  
 thence North 01 Degrees 34 Minutes 16 Seconds East 168.2 feet  
 thence North 00 Degrees 46 Minutes 54 Seconds East 169.1 feet  
 thence North 00 Degrees 36 Minutes 58 Seconds East 39.7 feet  
 thence North 00 Degrees 27 Minutes 21 Seconds East 143.5 feet  
 thence North 01 Degrees 38 Minutes 03 Seconds East 191.5 feet  
 thence North 00 Degrees 49 Minutes 37 Seconds West 189.4 feet  
 thence North 02 Degrees 49 Minutes 44 Seconds West 180.7 feet  
 thence North 03 Degrees 48 Minutes 30 Seconds West 178.6 feet  
 thence North 05 Degrees 15 Minutes 27 Seconds West 172 feet  
 thence North 05 Degrees 12 Minutes 56 Seconds West 154.2 feet  
 thence North 04 Degrees 07 Minutes 28 Seconds West 124 feet  
 thence North 03 Degrees 09 Minutes 27 Seconds West 79.9 feet  
 thence North 01 Degrees 01 Minutes 45 Seconds West 26.9 feet  
 thence North 00 Degrees 19 Minutes 49 Seconds West 23.6 feet  
 thence North 01 Degrees 00 Minutes 26 Seconds West 166.8 feet  
 thence North 02 Degrees 14 Minutes 47 Seconds West 186.6 feet  
 thence North 02 Degrees 28 Minutes 13 Seconds West 184.6 feet  
 thence North 02 Degrees 41 Minutes 16 Seconds West 191.5 feet  
 thence North 02 Degrees 08 Minutes 17 Seconds West 197.7 feet  
 thence North 03 Degrees 41 Minutes 07 Seconds West 190.7 feet  
 thence North 10 Degrees 57 Minutes 46 Seconds West 179.7 feet  
 thence North 19 Degrees 54 Minutes 52 Seconds West 181.2 feet

thence North 22 Degrees 01 Minutes 44 Seconds West 169.6 feet  
thence North 22 Degrees 49 Minutes 16 Seconds West 157 feet  
thence North 23 Degrees 16 Minutes 55 Seconds West 170 feet  
thence North 24 Degrees 37 Minutes 41 Seconds West 159.6 feet  
thence North 27 Degrees 08 Minutes 29 Seconds West 136.8 feet  
thence North 28 Degrees 43 Minutes 24 Seconds West 110.5 feet  
thence North 31 Degrees 56 Minutes 16 Seconds West 70.1 feet  
thence North 31 Degrees 17 Minutes 39 Seconds West 13.4 feet  
thence North 40 Degrees 08 Minutes 09 Seconds West 12.8 feet  
thence North 30 Degrees 27 Minutes 10 Seconds West 111.2 feet  
thence North 30 Degrees 47 Minutes 21 Seconds West 140.5 feet  
thence North 36 Degrees 15 Minutes 50 Seconds West 132.6 feet  
thence North 46 Degrees 59 Minutes 01 Seconds West 136.8 feet  
thence North 49 Degrees 35 Minutes 03 Seconds West 112.7 feet  
thence North 53 Degrees 32 Minutes 15 Seconds West 48.8 feet  
thence North 49 Degrees 37 Minutes 10 Seconds West 18.6 feet  
thence North 51 Degrees 10 Minutes 24 Seconds West 130 feet  
thence North 51 Degrees 38 Minutes 04 Seconds West 162.8 feet  
thence North 51 Degrees 03 Minutes 51 Seconds West 169.6 feet  
thence North 50 Degrees 33 Minutes 13 Seconds West 165.7 feet  
thence North 49 Degrees 31 Minutes 10 Seconds West 155.7 feet  
thence North 51 Degrees 20 Minutes 38 Seconds West 152.9 feet  
thence North 50 Degrees 26 Minutes 15 Seconds West 138.2 feet  
thence North 51 Degrees 20 Minutes 44 Seconds West 108.5 feet  
thence North 51 Degrees 52 Minutes 18 Seconds West 87.6 feet  
thence North 52 Degrees 05 Minutes 02 Seconds West 35.5 feet  
thence North 53 Degrees 05 Minutes 43 Seconds West 41.2 feet  
thence North 52 Degrees 31 Minutes 39 Seconds West 68.5 feet  
thence North 53 Degrees 39 Minutes 21 Seconds West 19.2 feet  
thence North 52 Degrees 27 Minutes 19 Seconds West 3.7 feet  
thence North 48 Degrees 36 Minutes 40 Seconds West 36.5 feet  
thence North 51 Degrees 16 Minutes 18 Seconds West 51.6 feet  
thence North 48 Degrees 20 Minutes 35 Seconds West 4.4 feet  
thence North 49 Degrees 19 Minutes 16 Seconds West 10 feet  
thence North 50 Degrees 46 Minutes 14 Seconds West 117.5 feet  
thence North 51 Degrees 15 Minutes 17 Seconds West 148.4 feet  
thence North 51 Degrees 54 Minutes 44 Seconds West 121.5 feet  
thence North 52 Degrees 11 Minutes 24 Seconds West 62.2 feet  
thence North 63 Degrees 45 Minutes 54 Seconds West 4.4 feet  
thence North 51 Degrees 02 Minutes 27 Seconds West 4.7 feet  
thence North 48 Degrees 57 Minutes 35 Seconds West 124.7 feet  
thence North 51 Degrees 29 Minutes 03 Seconds West 220.9 feet  
thence North 50 Degrees 53 Minutes 57 Seconds West 205.7 feet  
thence North 52 Degrees 06 Minutes 13 Seconds West 183 feet  
thence North 51 Degrees 16 Minutes 51 Seconds West 143.3 feet  
thence North 50 Degrees 04 Minutes 54 Seconds West 92.5 feet  
thence North 48 Degrees 57 Minutes 06 Seconds West 18.4 feet  
thence North 53 Degrees 01 Minutes 34 Seconds West 8.7 feet  
thence North 49 Degrees 56 Minutes 42 Seconds West 103.9 feet

thence North 50 Degrees 34 Minutes 49 Seconds West 43.1 feet  
thence North 50 Degrees 35 Minutes 05 Seconds West 159.7 feet  
thence North 50 Degrees 21 Minutes 43 Seconds West 222.3 feet  
thence North 50 Degrees 54 Minutes 29 Seconds West 219.7 feet  
thence North 50 Degrees 52 Minutes 40 Seconds West 211.3 feet  
thence North 51 Degrees 27 Minutes 48 Seconds West 184.7 feet  
thence North 50 Degrees 24 Minutes 00 Seconds West 155 feet  
thence North 51 Degrees 33 Minutes 12 Seconds West 100.6 feet  
thence North 50 Degrees 35 Minutes 09 Seconds West 78.6 feet  
thence North 49 Degrees 50 Minutes 38 Seconds West 194.6 feet  
thence North 50 Degrees 44 Minutes 31 Seconds West 221.5 feet  
thence North 49 Degrees 43 Minutes 11 Seconds West 230.5 feet  
thence North 50 Degrees 13 Minutes 20 Seconds West 223.2 feet  
thence North 50 Degrees 49 Minutes 49 Seconds West 220.4 feet  
thence North 51 Degrees 31 Minutes 27 Seconds West 221.6 feet  
thence North 51 Degrees 00 Minutes 55 Seconds West 210.9 feet  
thence North 50 Degrees 23 Minutes 49 Seconds West 189.2 feet  
thence North 50 Degrees 24 Minutes 58 Seconds West 178 feet  
thence North 49 Degrees 49 Minutes 44 Seconds West 162.7 feet  
thence North 50 Degrees 53 Minutes 17 Seconds West 139 feet  
thence North 52 Degrees 41 Minutes 09 Seconds West 121.5 feet  
thence North 55 Degrees 32 Minutes 27 Seconds West 75.9 feet  
thence North 53 Degrees 01 Minutes 33 Seconds West 8.7 feet  
thence North 48 Degrees 08 Minutes 44 Seconds West 14.2 feet  
thence North 51 Degrees 04 Minutes 03 Seconds West 97.5 feet  
thence North 53 Degrees 24 Minutes 03 Seconds West 127.3 feet  
thence North 57 Degrees 08 Minutes 37 Seconds West 155.3 feet  
thence North 60 Degrees 34 Minutes 15 Seconds West 166 feet  
thence North 62 Degrees 32 Minutes 22 Seconds West 164.7 feet  
thence North 64 Degrees 37 Minutes 12 Seconds West 108.2 feet  
thence North 64 Degrees 26 Minutes 10 Seconds West 37.6 feet  
thence North 67 Degrees 17 Minutes 32 Seconds West 107.4 feet  
thence North 70 Degrees 28 Minutes 02 Seconds West 66.7 feet  
thence North 65 Degrees 33 Minutes 17 Seconds West 122.2 feet  
thence North 67 Degrees 01 Minutes 08 Seconds West 175.9 feet  
thence North 67 Degrees 56 Minutes 19 Seconds West 183.5 feet  
thence North 68 Degrees 10 Minutes 32 Seconds West 158.4 feet  
thence North 70 Degrees 06 Minutes 18 Seconds West 93.1 feet  
thence North 66 Degrees 06 Minutes 07 Seconds West 7.2 feet  
thence North 67 Degrees 46 Minutes 53 Seconds West 60.8 feet  
thence North 68 Degrees 23 Minutes 01 Seconds West 193.2 feet  
thence North 67 Degrees 55 Minutes 41 Seconds West 238.6 feet  
thence North 68 Degrees 01 Minutes 32 Seconds West 229.2 feet  
thence North 70 Degrees 35 Minutes 42 Seconds West 187.6 feet  
thence North 70 Degrees 40 Minutes 33 Seconds West 24.4 feet  
thence North 75 Degrees 46 Minutes 18 Seconds West 201.1 feet  
thence North 76 Degrees 12 Minutes 21 Seconds West 208.5 feet  
thence North 78 Degrees 06 Minutes 27 Seconds West 206.2 feet  
thence North 78 Degrees 40 Minutes 24 Seconds West 191.7 feet

thence North 79 Degrees 51 Minutes 46 Seconds West 166.2 feet  
thence North 79 Degrees 38 Minutes 41 Seconds West 106.2 feet  
thence North 76 Degrees 44 Minutes 29 Seconds West 142.5 feet  
thence North 76 Degrees 34 Minutes 30 Seconds West 243 feet  
thence North 77 Degrees 33 Minutes 06 Seconds West 221.1 feet  
thence North 72 Degrees 02 Minutes 23 Seconds West 205 feet  
thence North 70 Degrees 04 Minutes 09 Seconds West 208.5 feet  
thence North 69 Degrees 32 Minutes 54 Seconds West 205.4 feet  
thence North 68 Degrees 17 Minutes 21 Seconds West 102.3 feet  
thence North 68 Degrees 07 Minutes 09 Seconds West 102.5 feet  
thence North 68 Degrees 45 Minutes 52 Seconds West 192 feet  
thence North 69 Degrees 41 Minutes 15 Seconds West 153.6 feet  
thence North 70 Degrees 25 Minutes 52 Seconds West 113.8 feet  
thence North 73 Degrees 15 Minutes 31 Seconds West 43.6 feet  
thence North 68 Degrees 09 Minutes 47 Seconds West 9.6 feet  
thence North 68 Degrees 31 Minutes 41 Seconds West 46 feet  
thence North 67 Degrees 34 Minutes 03 Seconds West 50.9 feet  
thence North 67 Degrees 36 Minutes 12 Seconds West 135.9 feet  
thence North 70 Degrees 33 Minutes 59 Seconds West 138.8 feet  
thence North 75 Degrees 20 Minutes 46 Seconds West 139.7 feet  
thence North 76 Degrees 30 Minutes 32 Seconds West 105.8 feet  
thence North 79 Degrees 22 Minutes 31 Seconds West 31.1 feet  
thence North 72 Degrees 44 Minutes 13 Seconds West 56.5 feet  
thence North 77 Degrees 29 Minutes 24 Seconds West 118.2 feet  
thence North 80 Degrees 05 Minutes 58 Seconds West 157.1 feet  
thence North 79 Degrees 15 Minutes 57 Seconds West 179.6 feet  
thence North 79 Degrees 36 Minutes 06 Seconds West 171.1 feet  
thence North 82 Degrees 51 Minutes 04 Seconds West 138.7 feet  
thence South 79 Degrees 05 Minutes 48 Seconds West 75.1 feet  
thence South 80 Degrees 36 Minutes 14 Seconds West 31.2 feet  
thence South 76 Degrees 10 Minutes 29 Seconds West 168.8 feet  
thence South 74 Degrees 10 Minutes 08 Seconds West 221.1 feet  
thence South 73 Degrees 25 Minutes 00 Seconds West 226.4 feet  
thence South 73 Degrees 04 Minutes 41 Seconds West 235.7 feet  
thence South 73 Degrees 43 Minutes 30 Seconds West 28.7 feet  
thence South 74 Degrees 02 Minutes 05 Seconds West 216.8 feet  
thence South 73 Degrees 27 Minutes 05 Seconds West 255 feet  
thence South 73 Degrees 34 Minutes 11 Seconds West 249.8 feet  
thence South 73 Degrees 40 Minutes 14 Seconds West 237 feet  
thence South 72 Degrees 49 Minutes 24 Seconds West 243.5 feet  
thence South 72 Degrees 49 Minutes 59 Seconds West 26.1 feet  
thence South 72 Degrees 58 Minutes 46 Seconds West 218.3 feet  
thence South 72 Degrees 49 Minutes 16 Seconds West 240.1 feet  
thence South 72 Degrees 34 Minutes 25 Seconds West 240.1 feet  
thence South 74 Degrees 35 Minutes 44 Seconds West 219.6 feet  
thence South 81 Degrees 09 Minutes 12 Seconds West 206.1 feet  
thence South 80 Degrees 27 Minutes 18 Seconds West 225.5 feet  
thence South 76 Degrees 12 Minutes 48 Seconds West 228.5 feet  
thence South 66 Degrees 33 Minutes 51 Seconds West 214.1 feet

thence South 63 Degrees 03 Minutes 59 Seconds West 215.5 feet  
thence South 63 Degrees 01 Minutes 37 Seconds West 214.5 feet  
thence South 61 Degrees 45 Minutes 03 Seconds West 217.3 feet  
thence South 60 Degrees 12 Minutes 51 Seconds West 218.3 feet  
thence South 60 Degrees 10 Minutes 00 Seconds West 203.3 feet  
thence South 63 Degrees 53 Minutes 54 Seconds West 191 feet  
thence South 77 Degrees 13 Minutes 46 Seconds West 185.9 feet  
thence North 86 Degrees 37 Minutes 14 Seconds West 177.6 feet  
thence North 85 Degrees 45 Minutes 02 Seconds West 160.4 feet  
thence North 89 Degrees 25 Minutes 37 Seconds West 125.1 feet  
thence North 87 Degrees 30 Minutes 57 Seconds West 133.8 feet  
thence South 83 Degrees 33 Minutes 41 Seconds West 108 feet  
thence South 84 Degrees 04 Minutes 17 Seconds West 33.6 feet  
thence South 86 Degrees 18 Minutes 15 Seconds West 28 feet  
thence South 81 Degrees 40 Minutes 53 Seconds West 94.5 feet  
thence South 84 Degrees 03 Minutes 25 Seconds West 154.4 feet  
thence South 86 Degrees 27 Minutes 04 Seconds West 52.6 feet  
thence South 86 Degrees 17 Minutes 47 Seconds West 139.4 feet  
thence South 84 Degrees 35 Minutes 14 Seconds West 214.9 feet  
thence South 83 Degrees 49 Minutes 56 Seconds West 219.4 feet  
thence South 85 Degrees 46 Minutes 06 Seconds West 212.2 feet  
thence South 83 Degrees 40 Minutes 15 Seconds West 213.6 feet  
thence South 84 Degrees 08 Minutes 16 Seconds West 221.3 feet  
thence South 83 Degrees 57 Minutes 37 Seconds West 221 feet  
thence South 83 Degrees 54 Minutes 35 Seconds West 222.4 feet  
thence South 84 Degrees 26 Minutes 13 Seconds West 215.9 feet  
thence South 84 Degrees 30 Minutes 33 Seconds West 208 feet  
thence South 84 Degrees 51 Minutes 37 Seconds West 199.6 feet  
thence South 83 Degrees 57 Minutes 37 Seconds West 194.6 feet  
thence South 84 Degrees 24 Minutes 35 Seconds West 179 feet  
thence South 84 Degrees 30 Minutes 20 Seconds West 175 feet  
thence South 84 Degrees 41 Minutes 27 Seconds West 158.8 feet  
thence South 82 Degrees 22 Minutes 41 Seconds West 111.2 feet  
thence South 83 Degrees 09 Minutes 04 Seconds West 34.7 feet  
thence South 83 Degrees 19 Minutes 50 Seconds West 8.9 feet  
thence South 85 Degrees 11 Minutes 10 Seconds West 33.6 feet  
thence South 85 Degrees 43 Minutes 16 Seconds West 138.2 feet  
thence South 84 Degrees 25 Minutes 54 Seconds West 190.5 feet  
thence South 84 Degrees 02 Minutes 44 Seconds West 197.6 feet  
thence South 83 Degrees 46 Minutes 28 Seconds West 201.3 feet  
thence South 83 Degrees 56 Minutes 30 Seconds West 200.6 feet  
thence South 84 Degrees 19 Minutes 38 Seconds West 193.9 feet  
thence South 83 Degrees 51 Minutes 51 Seconds West 194.7 feet  
thence South 84 Degrees 24 Minutes 58 Seconds West 197.1 feet  
thence South 84 Degrees 40 Minutes 38 Seconds West 203.6 feet  
thence South 81 Degrees 46 Minutes 55 Seconds West 198.5 feet  
thence South 75 Degrees 47 Minutes 29 Seconds West 203.9 feet  
thence South 75 Degrees 12 Minutes 02 Seconds West 10.5 feet  
thence South 72 Degrees 37 Minutes 07 Seconds West 219.4 feet

thence South 72 Degrees 22 Minutes 02 Seconds West 178.8 feet  
thence South 72 Degrees 25 Minutes 29 Seconds West 260.2 feet  
thence South 73 Degrees 12 Minutes 10 Seconds West 202.6 feet  
thence South 72 Degrees 43 Minutes 55 Seconds West 202.8 feet  
thence South 73 Degrees 18 Minutes 51 Seconds West 194.7 feet  
thence South 72 Degrees 47 Minutes 10 Seconds West 184.2 feet  
thence South 72 Degrees 03 Minutes 37 Seconds West 166 feet  
thence South 69 Degrees 39 Minutes 47 Seconds West 128.6 feet  
thence South 71 Degrees 37 Minutes 53 Seconds West 75.3 feet  
thence South 75 Degrees 38 Minutes 05 Seconds West 5.4 feet  
thence South 72 Degrees 02 Minutes 12 Seconds West 52 feet  
thence South 73 Degrees 18 Minutes 55 Seconds West 157.4 feet  
thence South 73 Degrees 28 Minutes 32 Seconds West 186 feet  
thence South 72 Degrees 40 Minutes 58 Seconds West 193.2 feet  
thence South 71 Degrees 56 Minutes 19 Seconds West 177.8 feet  
thence South 72 Degrees 14 Minutes 10 Seconds West 166.5 feet  
thence South 70 Degrees 48 Minutes 01 Seconds West 122.8 feet  
thence South 70 Degrees 18 Minutes 05 Seconds West 44.5 feet  
thence South 71 Degrees 14 Minutes 10 Seconds West 38.4 feet  
thence South 73 Degrees 37 Minutes 52 Seconds West 27.3 feet  
thence South 72 Degrees 44 Minutes 37 Seconds West 39.5 feet  
thence South 74 Degrees 30 Minutes 42 Seconds West 138.1 feet  
thence South 72 Degrees 19 Minutes 19 Seconds West 230.1 feet  
thence South 72 Degrees 25 Minutes 10 Seconds West 241.3 feet  
thence South 72 Degrees 53 Minutes 45 Seconds West 236.6 feet  
thence South 73 Degrees 18 Minutes 20 Seconds West 221.4 feet  
thence South 72 Degrees 33 Minutes 21 Seconds West 216.4 feet  
thence South 72 Degrees 50 Minutes 13 Seconds West 226.7 feet  
thence South 72 Degrees 42 Minutes 23 Seconds West 230.6 feet  
thence South 72 Degrees 27 Minutes 31 Seconds West 214.1 feet  
thence South 72 Degrees 31 Minutes 36 Seconds West 230.5 feet  
thence South 72 Degrees 36 Minutes 33 Seconds West 238.3 feet  
thence South 72 Degrees 40 Minutes 50 Seconds West 49.4 feet  
thence South 72 Degrees 39 Minutes 24 Seconds West 188.5 feet  
thence South 72 Degrees 45 Minutes 14 Seconds West 231.3 feet  
thence South 73 Degrees 14 Minutes 35 Seconds West 219.4 feet  
thence South 73 Degrees 15 Minutes 59 Seconds West 208.1 feet  
thence South 72 Degrees 59 Minutes 56 Seconds West 202.5 feet  
thence South 72 Degrees 27 Minutes 42 Seconds West 194.2 feet  
thence South 70 Degrees 49 Minutes 30 Seconds West 188 feet  
thence South 70 Degrees 44 Minutes 15 Seconds West 166.9 feet  
thence South 70 Degrees 58 Minutes 13 Seconds West 134.1 feet  
thence South 68 Degrees 50 Minutes 51 Seconds West 82.2 feet  
thence South 74 Degrees 55 Minutes 40 Seconds West 6.4 feet  
thence South 71 Degrees 28 Minutes 56 Seconds West 24.2 feet  
thence South 76 Degrees 03 Minutes 08 Seconds West 142.2 feet  
thence South 74 Degrees 08 Minutes 50 Seconds West 190.1 feet  
thence South 74 Degrees 01 Minutes 05 Seconds West 194.7 feet  
thence South 73 Degrees 16 Minutes 55 Seconds West 186.1 feet

thence South 72 Degrees 18 Minutes 41 Seconds West 182.6 feet  
thence South 70 Degrees 57 Minutes 17 Seconds West 168.8 feet  
thence South 67 Degrees 59 Minutes 37 Seconds West 141.3 feet  
thence South 64 Degrees 31 Minutes 36 Seconds West 106.6 feet  
thence South 67 Degrees 03 Minutes 06 Seconds West 21.3 feet  
thence South 65 Degrees 46 Minutes 55 Seconds West 78.6 feet  
thence South 66 Degrees 06 Minutes 41 Seconds West 170.8 feet  
thence South 83 Degrees 14 Minutes 56 Seconds West 126.2 feet  
thence North 60 Degrees 53 Minutes 44 Seconds West 82.2 feet  
thence North 37 Degrees 03 Minutes 08 Seconds West 25.8 feet  
thence North 21 Degrees 43 Minutes 16 Seconds West 34.2 feet  
thence North 07 Degrees 42 Minutes 07 Seconds West 112.5 feet  
thence North 08 Degrees 39 Minutes 37 Seconds West 145 feet  
thence North 13 Degrees 21 Minutes 53 Seconds West 168.8 feet  
thence North 17 Degrees 13 Minutes 46 Seconds West 178.4 feet  
thence North 17 Degrees 01 Minutes 39 Seconds West 181.6 feet  
thence North 16 Degrees 31 Minutes 15 Seconds West 177.7 feet  
thence North 17 Degrees 07 Minutes 50 Seconds West 174.9 feet  
thence North 17 Degrees 47 Minutes 03 Seconds West 176.2 feet  
thence North 22 Degrees 12 Minutes 29 Seconds West 177.9 feet  
thence North 24 Degrees 16 Minutes 16 Seconds West 195.7 feet  
thence North 27 Degrees 01 Minutes 27 Seconds West 192.9 feet  
thence North 24 Degrees 56 Minutes 52 Seconds West 186 feet  
thence North 19 Degrees 15 Minutes 10 Seconds West 182.2 feet  
thence North 16 Degrees 05 Minutes 31 Seconds West 184.9 feet  
thence North 16 Degrees 55 Minutes 18 Seconds West 187.4 feet  
thence North 16 Degrees 20 Minutes 54 Seconds West 172.5 feet  
thence North 16 Degrees 02 Minutes 12 Seconds West 152.8 feet  
thence North 17 Degrees 40 Minutes 27 Seconds West 142 feet  
thence North 19 Degrees 13 Minutes 58 Seconds West 126.6 feet  
thence North 16 Degrees 14 Minutes 55 Seconds West 104.1 feet  
thence North 20 Degrees 30 Minutes 13 Seconds West 75.2 feet  
thence North 19 Degrees 21 Minutes 13 Seconds West 30.2 feet  
thence North 14 Degrees 33 Minutes 15 Seconds West 24 feet  
thence North 11 Degrees 10 Minutes 56 Seconds West 113.3 feet  
thence North 16 Degrees 46 Minutes 51 Seconds West 168.1 feet  
thence North 17 Degrees 21 Minutes 36 Seconds West 195 feet  
thence North 19 Degrees 58 Minutes 34 Seconds West 215.8 feet  
thence North 17 Degrees 08 Minutes 02 Seconds West 186.2 feet  
thence North 16 Degrees 59 Minutes 09 Seconds West 43.5 feet  
thence North 17 Degrees 13 Minutes 08 Seconds West 235 feet  
thence North 16 Degrees 06 Minutes 20 Seconds West 230.6 feet  
thence North 15 Degrees 28 Minutes 37 Seconds West 217.3 feet  
thence North 14 Degrees 24 Minutes 20 Seconds West 221.3 feet  
thence North 16 Degrees 11 Minutes 38 Seconds West 226.9 feet  
thence North 16 Degrees 26 Minutes 02 Seconds West 160.9 feet  
thence North 16 Degrees 39 Minutes 51 Seconds West 59.5 feet  
thence North 17 Degrees 04 Minutes 33 Seconds West 222.1 feet  
thence North 16 Degrees 05 Minutes 29 Seconds West 227.2 feet



thence North 15 Degrees 25 Minutes 40 Seconds West 223 feet  
thence North 16 Degrees 47 Minutes 57 Seconds West 221.1 feet  
thence North 16 Degrees 36 Minutes 35 Seconds West 245.9 feet  
thence North 16 Degrees 17 Minutes 40 Seconds West 245.8 feet  
thence North 17 Degrees 23 Minutes 41 Seconds West 230.4 feet  
thence North 14 Degrees 49 Minutes 52 Seconds West 215 feet  
thence North 17 Degrees 56 Minutes 21 Seconds West 209.4 feet  
thence North 21 Degrees 58 Minutes 16 Seconds West 220.7 feet  
thence North 18 Degrees 15 Minutes 04 Seconds West 220.8 feet  
thence North 14 Degrees 08 Minutes 53 Seconds West 232.2 feet  
thence North 14 Degrees 39 Minutes 35 Seconds West 216.2 feet  
thence North 14 Degrees 39 Minutes 30 Seconds West 201.6 feet  
thence North 14 Degrees 58 Minutes 20 Seconds West 202.5 feet  
thence North 15 Degrees 53 Minutes 18 Seconds West 194.6 feet  
thence North 16 Degrees 45 Minutes 54 Seconds West 178.7 feet  
thence North 16 Degrees 56 Minutes 29 Seconds West 147 feet  
thence North 18 Degrees 03 Minutes 15 Seconds West 117.5 feet  
thence North 23 Degrees 12 Minutes 41 Seconds West 54.9 feet  
thence North 06 Degrees 40 Minutes 05 Seconds West 3 feet  
thence North 12 Degrees 39 Minutes 20 Seconds West 50.7 feet  
thence North 14 Degrees 40 Minutes 38 Seconds West 14.6 feet  
thence North 14 Degrees 55 Minutes 21 Seconds West 179.8 feet  
thence North 16 Degrees 25 Minutes 36 Seconds West 219 feet  
thence North 16 Degrees 06 Minutes 18 Seconds West 214.9 feet  
thence North 16 Degrees 46 Minutes 01 Seconds West 214.6 feet  
thence North 17 Degrees 01 Minutes 38 Seconds West 202.2 feet  
thence North 16 Degrees 12 Minutes 14 Seconds West 186 feet  
thence North 16 Degrees 58 Minutes 08 Seconds West 185.7 feet  
thence North 16 Degrees 39 Minutes 38 Seconds West 186.8 feet  
thence North 17 Degrees 01 Minutes 05 Seconds West 197.7 feet  
thence North 17 Degrees 15 Minutes 19 Seconds West 197.3 feet  
thence North 17 Degrees 39 Minutes 29 Seconds West 188.4 feet  
thence North 16 Degrees 52 Minutes 45 Seconds West 170.5 feet  
thence North 16 Degrees 42 Minutes 02 Seconds West 126.9 feet  
thence North 19 Degrees 33 Minutes 09 Seconds West 67.8 feet  
thence North 16 Degrees 57 Minutes 25 Seconds West 128.5 feet  
thence North 16 Degrees 02 Minutes 36 Seconds West 247.2 feet  
thence North 13 Degrees 59 Minutes 42 Seconds West 247.3 feet  
thence North 09 Degrees 46 Minutes 38 Seconds West 237.9 feet  
thence North 07 Degrees 17 Minutes 13 Seconds West 224.9 feet  
thence North 05 Degrees 00 Minutes 19 Seconds West 217.4 feet  
thence North 05 Degrees 19 Minutes 27 Seconds West 214.8 feet  
thence North 05 Degrees 29 Minutes 26 Seconds West 215.2 feet  
thence North 06 Degrees 20 Minutes 44 Seconds West 225.4 feet  
thence North 05 Degrees 47 Minutes 03 Seconds West 220.9 feet  
thence North 06 Degrees 40 Minutes 39 Seconds West 219.6 feet  
thence North 07 Degrees 07 Minutes 50 Seconds West 224.5 feet  
thence North 06 Degrees 24 Minutes 34 Seconds West 216.9 feet  
thence North 06 Degrees 11 Minutes 51 Seconds West 35.3 feet

thence North 06 Degrees 16 Minutes 59 Seconds West 183.5 feet  
thence North 06 Degrees 20 Minutes 12 Seconds West 213.2 feet  
thence North 06 Degrees 23 Minutes 47 Seconds West 214.2 feet  
thence North 07 Degrees 16 Minutes 51 Seconds West 216.9 feet  
thence North 06 Degrees 25 Minutes 19 Seconds West 219.5 feet  
thence North 07 Degrees 14 Minutes 30 Seconds West 210 feet  
thence North 08 Degrees 01 Minutes 26 Seconds West 208.3 feet  
thence North 06 Degrees 55 Minutes 16 Seconds West 188.7 feet  
thence North 06 Degrees 04 Minutes 16 Seconds West 170.6 feet  
thence North 04 Degrees 21 Minutes 56 Seconds West 167.8 feet  
thence North 06 Degrees 37 Minutes 21 Seconds West 182.6 feet  
thence North 07 Degrees 01 Minutes 08 Seconds West 177.5 feet  
thence North 06 Degrees 45 Minutes 02 Seconds West 176.1 feet  
thence North 06 Degrees 20 Minutes 33 Seconds West 172.3 feet  
thence North 08 Degrees 05 Minutes 56 Seconds West 140.8 feet  
thence North 08 Degrees 04 Minutes 58 Seconds West 85.1 feet  
thence North 08 Degrees 51 Minutes 30 Seconds West 6.6 feet  
thence North 04 Degrees 54 Minutes 06 Seconds West 41.2 feet  
thence North 00 Degrees 19 Minutes 18 Seconds East 144.8 feet  
thence North 02 Degrees 54 Minutes 07 Seconds West 211.9 feet  
thence North 02 Degrees 37 Minutes 18 Seconds West 221.4 feet  
thence North 02 Degrees 40 Minutes 31 Seconds West 224.4 feet  
thence North 02 Degrees 53 Minutes 29 Seconds West 220.2 feet  
thence North 01 Degrees 55 Minutes 08 Seconds West 212.8 feet  
thence North 02 Degrees 22 Minutes 12 Seconds West 211.9 feet  
thence North 01 Degrees 46 Minutes 57 Seconds West 206.9 feet  
thence North 01 Degrees 19 Minutes 33 Seconds West 188.4 feet  
thence North 00 Degrees 51 Minutes 02 Seconds West 179.9 feet  
thence North 00 Degrees 33 Minutes 33 Seconds West 162.5 feet  
thence North 00 Degrees 11 Minutes 59 Seconds West 147.1 feet  
thence North 00 Degrees 46 Minutes 48 Seconds West 124.7 feet  
thence North 02 Degrees 24 Minutes 49 Seconds West 99.2 feet  
thence North 03 Degrees 00 Minutes 11 Seconds West 35.2 feet  
thence North 00 Degrees 19 Minutes 40 Seconds West 3.6 feet  
thence North 02 Degrees 45 Minutes 58 Seconds East 12.2 feet  
thence North 00 Degrees 38 Minutes 50 Seconds East 77.2 feet  
thence North 01 Degrees 15 Minutes 37 Seconds West 141.2 feet  
thence North 05 Degrees 06 Minutes 38 Seconds West 161.4 feet  
thence North 07 Degrees 42 Minutes 28 Seconds West 173.8 feet  
thence North 07 Degrees 34 Minutes 59 Seconds West 161.1 feet  
thence North 07 Degrees 16 Minutes 39 Seconds West 146.5 feet  
thence North 08 Degrees 47 Minutes 06 Seconds West 113.8 feet  
thence North 06 Degrees 44 Minutes 47 Seconds West 26.4 feet  
thence North 09 Degrees 28 Minutes 48 Seconds West 59.8 feet  
thence North 09 Degrees 20 Minutes 10 Seconds West 136.3 feet  
thence North 06 Degrees 21 Minutes 51 Seconds West 143.6 feet  
thence North 07 Degrees 34 Minutes 16 Seconds West 177 feet  
thence North 07 Degrees 01 Minutes 38 Seconds West 213.8 feet  
thence North 07 Degrees 29 Minutes 33 Seconds West 234.2 feet

thence North 07 Degrees 25 Minutes 59 Seconds West 238.8 feet  
thence North 06 Degrees 56 Minutes 57 Seconds West 236.3 feet  
thence North 06 Degrees 59 Minutes 20 Seconds West 226.4 feet  
thence North 07 Degrees 15 Minutes 30 Seconds West 204 feet  
thence North 07 Degrees 50 Minutes 38 Seconds West 190.7 feet  
thence North 11 Degrees 12 Minutes 34 Seconds West 189.5 feet  
thence North 17 Degrees 17 Minutes 15 Seconds West 145.2 feet  
thence North 25 Degrees 36 Minutes 39 Seconds West 85.3 feet  
thence North 17 Degrees 43 Minutes 49 Seconds West 115.2 feet  
thence North 21 Degrees 32 Minutes 44 Seconds West 119.7 feet  
thence North 23 Degrees 32 Minutes 29 Seconds West 163.2 feet  
thence North 23 Degrees 36 Minutes 05 Seconds West 196.9 feet  
thence North 23 Degrees 26 Minutes 30 Seconds West 204.9 feet  
thence North 22 Degrees 31 Minutes 39 Seconds West 210.2 feet  
thence North 22 Degrees 08 Minutes 39 Seconds West 230.5 feet  
thence North 24 Degrees 44 Minutes 18 Seconds West 234.3 feet  
thence North 23 Degrees 48 Minutes 12 Seconds West 231.5 feet  
thence North 23 Degrees 39 Minutes 31 Seconds West 223.8 feet  
thence North 24 Degrees 11 Minutes 16 Seconds West 37.3 feet  
thence North 24 Degrees 14 Minutes 03 Seconds West 170.9 feet  
thence North 23 Degrees 27 Minutes 08 Seconds West 200.6 feet  
thence North 23 Degrees 44 Minutes 41 Seconds West 203.2 feet  
thence North 23 Degrees 35 Minutes 52 Seconds West 206.9 feet  
thence North 22 Degrees 40 Minutes 59 Seconds West 208 feet  
thence North 22 Degrees 53 Minutes 52 Seconds West 204.4 feet  
thence North 23 Degrees 14 Minutes 22 Seconds West 198.1 feet  
thence North 23 Degrees 57 Minutes 25 Seconds West 177.7 feet  
thence North 25 Degrees 36 Minutes 19 Seconds West 169.9 feet  
thence North 23 Degrees 46 Minutes 32 Seconds West 148.5 feet  
thence North 22 Degrees 45 Minutes 33 Seconds West 138.5 feet  
thence North 24 Degrees 36 Minutes 07 Seconds West 91.8 feet  
thence North 22 Degrees 07 Minutes 44 Seconds West 15.9 feet  
thence North 18 Degrees 45 Minutes 44 Seconds West 24.9 feet  
thence North 17 Degrees 06 Minutes 10 Seconds West 118.3 feet  
thence North 19 Degrees 15 Minutes 53 Seconds West 201.3 feet  
thence North 19 Degrees 43 Minutes 51 Seconds West 227.3 feet  
thence North 19 Degrees 31 Minutes 24 Seconds West 226.6 feet  
thence North 20 Degrees 13 Minutes 31 Seconds West 207.4 feet  
thence North 21 Degrees 26 Minutes 52 Seconds West 179.5 feet  
thence North 21 Degrees 42 Minutes 23 Seconds West 181.9 feet  
thence North 20 Degrees 11 Minutes 06 Seconds West 204.9 feet  
thence North 20 Degrees 16 Minutes 04 Seconds West 225.2 feet  
thence North 20 Degrees 38 Minutes 20 Seconds West 225.1 feet  
thence North 20 Degrees 08 Minutes 09 Seconds West 220.8 feet  
thence North 20 Degrees 51 Minutes 47 Seconds West 218 feet  
thence North 20 Degrees 24 Minutes 59 Seconds West 212.2 feet  
thence North 20 Degrees 12 Minutes 25 Seconds West 201.8 feet  
thence North 20 Degrees 44 Minutes 30 Seconds West 186.3 feet  
thence North 20 Degrees 18 Minutes 37 Seconds West 165.2 feet

thence North 20 Degrees 08 Minutes 35 Seconds West 124.9 feet  
 thence North 24 Degrees 17 Minutes 23 Seconds West 64.7 feet  
 thence North 31 Degrees 49 Minutes 54 Seconds West 11.9 feet  
 thence North 15 Degrees 56 Minutes 18 Seconds West 92.7 feet  
 thence North 16 Degrees 04 Minutes 42 Seconds West 13.3 feet  
 thence North 20 Degrees 06 Minutes 16 Seconds West 163.9 feet  
 thence North 21 Degrees 15 Minutes 47 Seconds West 185.6 feet  
 thence North 21 Degrees 04 Minutes 19 Seconds West 198.3 feet  
 thence North 22 Degrees 08 Minutes 48 Seconds West 195.2 feet  
 thence North 22 Degrees 22 Minutes 42 Seconds West 56 feet  
 thence North 22 Degrees 25 Minutes 27 Seconds West 130 feet  
 thence North 19 Degrees 26 Minutes 10 Seconds West 176.5 feet  
 thence North 19 Degrees 57 Minutes 11 Seconds West 179.8 feet  
 thence North 20 Degrees 08 Minutes 59 Seconds West 180 feet  
 thence North 20 Degrees 15 Minutes 44 Seconds West 166.6 feet  
 thence North 20 Degrees 16 Minutes 35 Seconds West 141.4 feet  
 thence North 19 Degrees 55 Minutes 29 Seconds West 112.5 feet  
 thence North 21 Degrees 24 Minutes 59 Seconds West 78.5 feet  
 thence North 21 Degrees 13 Minutes 30 Seconds West 19.3 feet  
 thence North 21 Degrees 18 Minutes 03 Seconds West 21.1 feet  
 thence North 20 Degrees 40 Minutes 23 Seconds West 115.2 feet  
 thence North 21 Degrees 31 Minutes 41 Seconds West 157 feet  
 thence North 20 Degrees 39 Minutes 16 Seconds West 163.5 feet  
 thence North 15 Degrees 17 Minutes 42 Seconds West 166.5 feet  
 thence North 06 Degrees 45 Minutes 16 Seconds West 167.1 feet  
 thence North 00 Degrees 03 Minutes 19 Seconds East 147.4 feet  
 thence North 00 Degrees 46 Minutes 49 Seconds East 118.8 feet  
 thence North 01 Degrees 26 Minutes 36 Seconds West 101.1 feet  
 thence North 10 Degrees 39 Minutes 00 Seconds West 93.4 feet  
 thence North 42 Degrees 21 Minutes 58 Seconds West 80.9 feet  
 thence North 56 Degrees 03 Minutes 45 Seconds West 63.5 feet  
 thence North 65 Degrees 12 Minutes 44 Seconds West 23.2 feet  
 thence North 65 Degrees 04 Minutes 26 Seconds West 19.2 feet  
 thence North 66 Degrees 44 Minutes 25 Seconds West 50.9 feet  
 thence North 65 Degrees 18 Minutes 37 Seconds West 5.4 feet more or less to **the ending point**

**at:** 38 degrees 37 minutes 23.88 seconds North Latitude and -110 degrees 34 minutes 15.88 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 1,905,844.2 feet and Y = 6,668,667.0 feet.

## Appendix C to Attachment 4

**Popular Name: LOWER SAN RAFAEL ROAD**

**County: Emery**

**County Road Number: 1010**

**State Geographic Information Database (SGID) Road Identification Number: RD080013.**

**Road-Segment Number: 004**

**Road-Segment Length: 0.57 miles more or less.**

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

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

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

This road-segment may traverse:

Township 26 South Range 16 East, Section(s) 31, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (LOWER SAN RAFAEL 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 38 degrees 30 minutes 00.34 seconds North Latitude and -110 degrees 12 minutes 014.1 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,011,399.1 feet and Y = 6,625,099.3 feet; thence the following courses along the said road center line:

thence North 29 Degrees 59 Minutes 20 Seconds East	120.9 feet
thence North 31 Degrees 01 Minutes 20 Seconds East	221.4 feet
thence North 31 Degrees 17 Minutes 40 Seconds East	227.8 feet
thence North 28 Degrees 22 Minutes 40 Seconds East	235 feet
thence North 29 Degrees 53 Minutes 11 Seconds East	230.2 feet
thence North 29 Degrees 22 Minutes 05 Seconds East	222.6 feet
thence North 21 Degrees 06 Minutes 04 Seconds East	210.2 feet
thence North 13 Degrees 57 Minutes 37 Seconds East	211.4 feet
thence North 19 Degrees 47 Minutes 09 Seconds East	187 feet
thence North 38 Degrees 00 Minutes 07 Seconds East	200 feet
thence North 36 Degrees 08 Minutes 16 Seconds East	198.8 feet

thence North 30 Degrees 37 Minutes 44 Seconds East 189.5 feet  
thence North 29 Degrees 27 Minutes 43 Seconds East 179.7 feet  
thence North 29 Degrees 53 Minutes 20 Seconds East 165.6 feet  
thence North 32 Degrees 49 Minutes 54 Seconds East 99.6 feet  
thence North 25 Degrees 40 Minutes 07 Seconds East 15 feet  
thence North 24 Degrees 04 Minutes 01 Seconds East 73.9 feet  
thence North 26 Degrees 25 Minutes 21 Seconds East 43.7 feet more or less to **the ending**

**point at:** 38 degrees 30 minutes 26.34 seconds North Latitude and -110 degrees 11 minutes 55.56 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,012,835.5 feet and Y = 6,627,751.1 feet.

## Appendix D to Attachment 4

**Popular Name: LOWER SAN RAFAEL ROAD**  
**County: Emery**  
**County Road Number: 1010**  
**State Geographic Information Database (SGID) Road Identification Number: RD080013.**  
**Road-Segment Number: 006**  
**Road-Segment Length: 2.41 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 26 South Range 16 East, Section(s) 20,21,29, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (LOWER SAN RAFAEL 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 38 degrees 30 minutes 050.2 seconds North Latitude and -110 degrees 11 minutes 37.17 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,014,261.6 feet and Y = 6,630,186.2 feet; thence the following courses along the said road center line:

thence North 30 Degrees 42 Minutes 17 Seconds East	212.6 feet
thence North 37 Degrees 49 Minutes 21 Seconds East	216.2 feet
thence North 38 Degrees 46 Minutes 47 Seconds East	219.6 feet
thence North 36 Degrees 41 Minutes 10 Seconds East	224.1 feet
thence North 36 Degrees 22 Minutes 58 Seconds East	222.4 feet
thence North 34 Degrees 41 Minutes 03 Seconds East	227.7 feet
thence North 33 Degrees 22 Minutes 41 Seconds East	227.7 feet
thence North 33 Degrees 00 Minutes 09 Seconds East	236.5 feet
thence North 33 Degrees 20 Minutes 03 Seconds East	246.9 feet
thence North 33 Degrees 32 Minutes 25 Seconds East	253.8 feet
thence North 32 Degrees 51 Minutes 46 Seconds East	254.2 feet

thence North 33 Degrees 12 Minutes 18 Seconds East 243 feet  
 thence North 33 Degrees 10 Minutes 37 Seconds East 234.2 feet  
 thence North 36 Degrees 16 Minutes 33 Seconds East 232.3 feet  
 thence North 39 Degrees 09 Minutes 47 Seconds East 234.8 feet  
 thence North 33 Degrees 25 Minutes 12 Seconds East 241.6 feet  
 thence North 31 Degrees 32 Minutes 24 Seconds East 244.3 feet  
 thence North 31 Degrees 55 Minutes 25 Seconds East 244.2 feet  
 thence North 32 Degrees 22 Minutes 37 Seconds East 239.9 feet  
 thence North 32 Degrees 59 Minutes 09 Seconds East 225.9 feet  
 thence North 33 Degrees 22 Minutes 46 Seconds East 215.9 feet  
 thence North 34 Degrees 16 Minutes 23 Seconds East 204.6 feet  
 thence North 33 Degrees 24 Minutes 23 Seconds East 203.3 feet  
 thence North 33 Degrees 16 Minutes 30 Seconds East 195.1 feet  
 thence North 33 Degrees 45 Minutes 36 Seconds East 206.1 feet  
 thence North 32 Degrees 50 Minutes 57 Seconds East 216.5 feet  
 thence North 33 Degrees 25 Minutes 16 Seconds East 236.9 feet  
 thence North 33 Degrees 53 Minutes 35 Seconds East 252.1 feet  
 thence North 33 Degrees 21 Minutes 19 Seconds East 18.9 feet  
 thence North 33 Degrees 22 Minutes 39 Seconds East 232.4 feet  
 thence North 34 Degrees 42 Minutes 52 Seconds East 26.9 feet  
 thence North 34 Degrees 16 Minutes 41 Seconds East 231.7 feet  
 thence North 34 Degrees 35 Minutes 32 Seconds East 261.4 feet  
 thence North 34 Degrees 31 Minutes 33 Seconds East 258.4 feet  
 thence North 34 Degrees 13 Minutes 35 Seconds East 257.5 feet  
 thence North 35 Degrees 00 Minutes 30 Seconds East 258.7 feet  
 thence North 33 Degrees 53 Minutes 44 Seconds East 250.9 feet  
 thence North 34 Degrees 04 Minutes 19 Seconds East 247.5 feet  
 thence North 33 Degrees 52 Minutes 51 Seconds East 218.3 feet  
 thence North 35 Degrees 15 Minutes 06 Seconds East 178.8 feet  
 thence North 33 Degrees 42 Minutes 40 Seconds East 205.2 feet  
 thence North 33 Degrees 36 Minutes 49 Seconds East 242.2 feet  
 thence North 34 Degrees 35 Minutes 21 Seconds East 249.4 feet  
 thence North 32 Degrees 54 Minutes 24 Seconds East 162.9 feet  
 thence North 32 Degrees 03 Minutes 54 Seconds East 40.4 feet  
 thence North 31 Degrees 16 Minutes 21 Seconds East 10 feet  
 thence North 29 Degrees 59 Minutes 09 Seconds East 105.3 feet  
 thence North 31 Degrees 18 Minutes 35 Seconds East 165.8 feet  
 thence North 31 Degrees 28 Minutes 01 Seconds East 215.5 feet  
 thence North 30 Degrees 37 Minutes 44 Seconds East 241.2 feet  
 thence North 31 Degrees 27 Minutes 05 Seconds East 254.9 feet  
 thence North 31 Degrees 24 Minutes 58 Seconds East 266.3 feet  
 thence North 31 Degrees 55 Minutes 09 Seconds East 272.5 feet  
 thence North 31 Degrees 43 Minutes 37 Seconds East 282 feet  
 thence North 31 Degrees 20 Minutes 30 Seconds East 285 feet  
 thence North 30 Degrees 59 Minutes 46 Seconds East 280.9 feet  
 thence North 30 Degrees 54 Minutes 02 Seconds East 284.8 feet  
 thence North 31 Degrees 11 Minutes 46 Seconds East 290 feet  
 thence North 31 Degrees 50 Minutes 11 Seconds East 24 feet more or less to **the ending point**

**at:** 38 degrees 32 minutes 34.15 seconds North Latitude and -110 degrees 10 minutes 07.05 seconds West



Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,021,268.8 feet and Y = 6,640,808.3 feet.

## Appendix E to Attachment 4

**Popular Name: LOWER SAN RAFAEL ROAD**  
**County: Emery**  
**County Road Number: 1010**  
**State Geographic Information Database (SGID) Road Identification Number: RD080013.**  
**Road-Segment Number: 008**  
**Road-Segment Length: 5.57 miles more or less.**  
**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

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

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

This road-segment may traverse:

Township 25 South Range 16 East, Section(s) 21,28,33, Salt Lake Base & Meridian  
Township 26 South Range 16 East, Section(s) 3,10,15, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (LOWER SAN RAFAEL ROAD)-- Segment 008 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 38 degrees 33 minutes 04.55 seconds North Latitude and -110 degrees 09 minutes 42.48 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,023,174.5 feet and Y = 6,643,912.9 feet; thence the following courses along the said road center line:

thence North 32 Degrees 17 Minutes 14 Seconds East 219.8 feet  
thence North 31 Degrees 28 Minutes 02 Seconds East 284.6 feet  
thence North 31 Degrees 02 Minutes 58 Seconds East 276.1 feet  
thence North 32 Degrees 37 Minutes 14 Seconds East 277 feet  
thence North 31 Degrees 06 Minutes 48 Seconds East 286.3 feet  
thence North 31 Degrees 25 Minutes 56 Seconds East 301.1 feet  
thence North 31 Degrees 08 Minutes 27 Seconds East 308.7 feet  
thence North 31 Degrees 08 Minutes 57 Seconds East 309.8 feet  
thence North 31 Degrees 12 Minutes 49 Seconds East 314.3 feet  
thence North 32 Degrees 04 Minutes 10 Seconds East 64.9 feet

thence North 31 Degrees 58 Minutes 01 Seconds East 255.5 feet  
thence North 31 Degrees 56 Minutes 45 Seconds East 325.7 feet  
thence North 32 Degrees 00 Minutes 16 Seconds East 328.3 feet  
thence North 31 Degrees 09 Minutes 11 Seconds East 319.9 feet  
thence North 31 Degrees 41 Minutes 28 Seconds East 191.3 feet  
thence North 31 Degrees 44 Minutes 14 Seconds East 119.3 feet  
thence North 32 Degrees 17 Minutes 40 Seconds East 309.9 feet  
thence North 31 Degrees 50 Minutes 23 Seconds East 306.4 feet  
thence North 30 Degrees 06 Minutes 49 Seconds East 281.8 feet  
thence North 13 Degrees 57 Minutes 19 Seconds East 287.2 feet  
thence North 04 Degrees 17 Minutes 21 Seconds East 313.5 feet  
thence North 00 Degrees 20 Minutes 05 Seconds West 314.5 feet  
thence North 01 Degrees 56 Minutes 45 Seconds West 315.2 feet  
thence North 02 Degrees 16 Minutes 23 Seconds West 320.2 feet  
thence North 02 Degrees 01 Minutes 16 Seconds West 323.5 feet  
thence North 01 Degrees 17 Minutes 56 Seconds West 331.6 feet  
thence North 01 Degrees 27 Minutes 53 Seconds West 332.9 feet  
thence North 00 Degrees 47 Minutes 41 Seconds West 326.9 feet  
thence North 01 Degrees 06 Minutes 32 Seconds West 315.8 feet  
thence North 00 Degrees 38 Minutes 40 Seconds West 60.7 feet  
thence North 00 Degrees 38 Minutes 50 Seconds West 240.6 feet  
thence North 00 Degrees 32 Minutes 24 Seconds West 274.7 feet  
thence North 00 Degrees 02 Minutes 29 Seconds East 199.9 feet  
thence North 00 Degrees 43 Minutes 28 Seconds West 96.5 feet  
thence North 01 Degrees 56 Minutes 26 Seconds West 35.1 feet  
thence North 01 Degrees 49 Minutes 35 Seconds West 126.1 feet  
thence North 01 Degrees 17 Minutes 22 Seconds West 177.3 feet  
thence North 00 Degrees 58 Minutes 20 Seconds West 206.5 feet  
thence North 02 Degrees 10 Minutes 27 Seconds West 225 feet  
thence North 01 Degrees 13 Minutes 42 Seconds West 231.4 feet  
thence North 01 Degrees 36 Minutes 27 Seconds West 236.4 feet  
thence North 01 Degrees 31 Minutes 00 Seconds West 238.7 feet  
thence North 01 Degrees 52 Minutes 58 Seconds West 243 feet  
thence North 01 Degrees 29 Minutes 34 Seconds West 243.6 feet  
thence North 01 Degrees 47 Minutes 22 Seconds West 245.6 feet  
thence North 01 Degrees 31 Minutes 13 Seconds West 253.8 feet  
thence North 01 Degrees 20 Minutes 27 Seconds West 261.6 feet  
thence North 01 Degrees 17 Minutes 08 Seconds West 257 feet  
thence North 00 Degrees 57 Minutes 23 Seconds West 241.9 feet  
thence North 02 Degrees 04 Minutes 41 Seconds West 215.8 feet  
thence North 01 Degrees 39 Minutes 05 Seconds West 228.5 feet  
thence North 02 Degrees 07 Minutes 28 Seconds West 231.2 feet  
thence North 01 Degrees 08 Minutes 52 Seconds West 208.1 feet  
thence North 00 Degrees 20 Minutes 04 Seconds West 11.8 feet  
thence North 01 Degrees 46 Minutes 34 Seconds West 195.7 feet  
thence North 01 Degrees 49 Minutes 58 Seconds West 163.2 feet  
thence North 01 Degrees 23 Minutes 53 Seconds West 123.8 feet  
thence North 02 Degrees 28 Minutes 55 Seconds West 26.3 feet  
thence North 02 Degrees 49 Minutes 26 Seconds West 37.8 feet

thence North 02 Degrees 49 Minutes 26 Seconds West 113.3 feet  
thence North 01 Degrees 51 Minutes 04 Seconds West 161.2 feet  
thence North 01 Degrees 56 Minutes 12 Seconds West 187.8 feet  
thence North 02 Degrees 02 Minutes 04 Seconds West 143.8 feet  
thence North 01 Degrees 51 Minutes 43 Seconds West 123.1 feet  
thence North 02 Degrees 01 Minutes 54 Seconds West 133 feet  
thence North 01 Degrees 46 Minutes 14 Seconds West 117.9 feet  
thence North 01 Degrees 42 Minutes 45 Seconds West 95.5 feet  
thence North 01 Degrees 22 Minutes 34 Seconds West 144.4 feet  
thence North 00 Degrees 31 Minutes 50 Seconds West 191.7 feet  
thence North 00 Degrees 50 Minutes 08 Seconds West 225.2 feet  
thence North 01 Degrees 01 Minutes 22 Seconds West 245.9 feet  
thence North 00 Degrees 20 Minutes 04 Seconds West 262.9 feet  
thence North 00 Degrees 51 Minutes 47 Seconds West 284.6 feet  
thence North 01 Degrees 28 Minutes 39 Seconds West 296.1 feet  
thence North 01 Degrees 19 Minutes 47 Seconds West 302.4 feet  
thence North 01 Degrees 23 Minutes 17 Seconds West 285.6 feet  
thence North 01 Degrees 08 Minutes 51 Seconds West 254.4 feet  
thence North 01 Degrees 20 Minutes 35 Seconds West 261 feet  
thence North 01 Degrees 12 Minutes 38 Seconds West 279 feet  
thence North 02 Degrees 12 Minutes 40 Seconds West 290.6 feet  
thence North 02 Degrees 08 Minutes 47 Seconds West 290.6 feet  
thence North 01 Degrees 33 Minutes 11 Seconds West 30.9 feet  
thence North 01 Degrees 27 Minutes 42 Seconds West 266.9 feet  
thence North 01 Degrees 51 Minutes 00 Seconds West 297.8 feet  
thence North 01 Degrees 32 Minutes 39 Seconds West 264.3 feet  
thence North 02 Degrees 27 Minutes 02 Seconds West 142.2 feet  
thence North 03 Degrees 49 Minutes 53 Seconds West 59.2 feet  
thence North 07 Degrees 27 Minutes 33 Seconds West 13.2 feet  
thence North 05 Degrees 24 Minutes 50 Seconds West 59.3 feet  
thence North 08 Degrees 00 Minutes 53 Seconds West 130.2 feet  
thence North 10 Degrees 45 Minutes 50 Seconds West 188.6 feet  
thence North 12 Degrees 28 Minutes 35 Seconds West 221.6 feet  
thence North 16 Degrees 54 Minutes 36 Seconds West 233.6 feet  
thence North 18 Degrees 43 Minutes 18 Seconds West 249.7 feet  
thence North 17 Degrees 16 Minutes 35 Seconds West 267 feet  
thence North 16 Degrees 49 Minutes 34 Seconds West 269.4 feet  
thence North 13 Degrees 57 Minutes 33 Seconds West 266.1 feet  
thence North 07 Degrees 27 Minutes 02 Seconds West 270.2 feet  
thence North 03 Degrees 54 Minutes 08 Seconds West 279.5 feet  
thence North 02 Degrees 23 Minutes 31 Seconds East 276 feet  
thence North 13 Degrees 21 Minutes 43 Seconds East 255.1 feet  
thence North 38 Degrees 40 Minutes 09 Seconds East 222.2 feet  
thence North 33 Degrees 25 Minutes 52 Seconds East 207.3 feet  
thence North 16 Degrees 09 Minutes 39 Seconds East 220.8 feet  
thence North 11 Degrees 33 Minutes 31 Seconds West 215.8 feet  
thence North 13 Degrees 38 Minutes 42 Seconds West 245.2 feet  
thence North 12 Degrees 19 Minutes 06 Seconds West 273.5 feet  
thence North 22 Degrees 46 Minutes 18 Seconds West 71.4 feet

thence North 22 Degrees 50 Minutes 46 Seconds West 201.5 feet  
thence North 27 Degrees 12 Minutes 21 Seconds West 246.9 feet  
thence North 17 Degrees 46 Minutes 08 Seconds West 249.8 feet  
thence North 12 Degrees 54 Minutes 34 Seconds West 262.3 feet  
thence North 29 Degrees 48 Minutes 26 Seconds West 257.5 feet  
thence North 37 Degrees 03 Minutes 18 Seconds West 227.3 feet  
thence North 10 Degrees 48 Minutes 16 Seconds West 162.6 feet  
thence North 10 Degrees 43 Minutes 22 Seconds West 60.1 feet  
thence North 06 Degrees 41 Minutes 26 Seconds West 255 feet  
thence North 07 Degrees 01 Minutes 55 Seconds West 278.6 feet  
thence North 07 Degrees 17 Minutes 30 Seconds West 292.6 feet  
thence North 06 Degrees 17 Minutes 48 Seconds West 297 feet  
thence North 03 Degrees 17 Minutes 42 Seconds West 285.9 feet  
thence North 01 Degrees 03 Minutes 13 Seconds East 243.9 feet  
thence North 21 Degrees 00 Minutes 35 Seconds East 229.1 feet  
thence North 19 Degrees 09 Minutes 20 Seconds East 231.2 feet  
thence North 04 Degrees 18 Minutes 13 Seconds East 223.3 feet  
thence North 08 Degrees 08 Minutes 14 Seconds West 244.2 feet  
thence North 04 Degrees 54 Minutes 41 Seconds East 265.7 feet  
thence North 08 Degrees 40 Minutes 43 Seconds East 268.2 feet  
thence North 06 Degrees 06 Minutes 52 Seconds West 267.2 feet  
thence North 01 Degrees 07 Minutes 39 Seconds East 270.2 feet  
thence North 07 Degrees 36 Minutes 33 Seconds East 85.5 feet more or less to **the ending**

**point at:** 38 degrees 37 minutes 43.45 seconds North Latitude and -110 degrees 09 minutes 18.51 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,024,655.1 feet and Y = 6,672,157.6 feet.

## Appendix F to Attachment 4

**Popular Name: LOWER SAN RAFAEL ROAD**  
**County: Emery**  
**County Road Number: 1010**  
**State Geographic Information Database (SGID) Road Identification Number: RD080013.**  
**Road-Segment Number: 010**  
**Road-Segment Length: 10.68 miles more or less.**  
**Believed owner of the land underlying this road-segment is: Bureau of Land Management.**

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

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

This road-segment may traverse:

Township 23 South Range 16 East, Section(s) 33,34, Salt Lake Base & Meridian  
Township 24 South Range 16 East, Section(s) 3,10,11,15,22,27,28,33, Salt Lake Base & Meridian  
Township 25 South Range 16 East, Section(s) 4,5,8,9, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (LOWER SAN RAFAEL ROAD)-- Segment 010 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 38 degrees 38 minutes 035.3 seconds North Latitude and -110 degrees 09 minutes 35.88 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,023,197.5 feet and Y = 6,677,382.1 feet; thence the following courses along the said road center line:

thence North 12 Degrees 54 Minutes 22 Seconds West 93.5 feet  
thence North 12 Degrees 47 Minutes 47 Seconds West 92.8 feet  
thence North 05 Degrees 07 Minutes 58 Seconds West 219.7 feet  
thence North 06 Degrees 47 Minutes 28 Seconds East 238.2 feet  
thence North 14 Degrees 17 Minutes 25 Seconds East 248.3 feet  
thence North 20 Degrees 03 Minutes 56 Seconds East 239.2 feet  
thence North 27 Degrees 50 Minutes 06 Seconds East 241.3 feet  
thence North 10 Degrees 19 Minutes 29 Seconds East 237.8 feet  
thence North 07 Degrees 49 Minutes 05 Seconds East 243 feet

thence North 04 Degrees 33 Minutes 10 Seconds East 215.8 feet  
 thence North 12 Degrees 31 Minutes 37 Seconds East 221.2 feet  
 thence North 12 Degrees 35 Minutes 48 Seconds East 198 feet  
 thence North 10 Degrees 51 Minutes 35 Seconds East 126.8 feet  
 thence North 03 Degrees 01 Minutes 13 Seconds East 89.8 feet  
 thence North 13 Degrees 25 Minutes 32 Seconds West 14.5 feet  
 thence North 13 Degrees 30 Minutes 22 Seconds West 15.8 feet  
 thence North 21 Degrees 17 Minutes 58 Seconds West 37.6 feet  
 thence North 46 Degrees 31 Minutes 28 Seconds West 100.5 feet  
 thence North 76 Degrees 44 Minutes 14 Seconds West 145.2 feet  
 thence North 79 Degrees 26 Minutes 21 Seconds West 159.8 feet  
 thence North 69 Degrees 01 Minutes 06 Seconds West 165.2 feet  
 thence North 84 Degrees 03 Minutes 45 Seconds West 150.2 feet  
 thence North 22 Degrees 40 Minutes 27 Seconds West 103.6 feet  
 thence North 18 Degrees 50 Minutes 25 Seconds East 160.9 feet  
 thence North 09 Degrees 35 Minutes 56 Seconds West 157 feet  
 thence North 18 Degrees 30 Minutes 04 Seconds West 177.9 feet  
 thence North 29 Degrees 34 Minutes 56 Seconds West 169.3 feet  
 thence North 50 Degrees 31 Minutes 41 Seconds West 146.1 feet  
 thence North 45 Degrees 20 Minutes 01 Seconds West 128.6 feet  
 thence North 45 Degrees 20 Minutes 01 Seconds West 7.4 feet  
 thence North 32 Degrees 55 Minutes 41 Seconds West 128.6 feet  
 thence North 57 Degrees 51 Minutes 44 Seconds West 47.1 feet  
 thence North 73 Degrees 28 Minutes 30 Seconds West 22.6 feet  
 thence North 71 Degrees 38 Minutes 26 Seconds West 92.2 feet  
 thence North 61 Degrees 55 Minutes 42 Seconds West 146.3 feet  
 thence North 25 Degrees 50 Minutes 29 Seconds West 127.3 feet  
 thence North 15 Degrees 14 Minutes 13 Seconds East 172.4 feet  
 thence North 22 Degrees 03 Minutes 05 Seconds East 203.4 feet  
 thence North 23 Degrees 45 Minutes 58 Seconds East 194.5 feet  
 thence North 06 Degrees 25 Minutes 25 Seconds West 157.8 feet  
 thence North 39 Degrees 49 Minutes 34 Seconds West 169.3 feet  
 thence North 57 Degrees 47 Minutes 08 Seconds West 169 feet  
 thence North 88 Degrees 36 Minutes 54 Seconds West 164.2 feet  
 thence South 74 Degrees 11 Minutes 39 Seconds West 174.7 feet  
 thence South 82 Degrees 18 Minutes 50 Seconds West 123.1 feet  
 thence North 28 Degrees 00 Minutes 20 Seconds West 121.6 feet  
 thence North 10 Degrees 48 Minutes 05 Seconds West 175.2 feet  
 thence North 05 Degrees 53 Minutes 26 Seconds West 61 feet  
 thence North 05 Degrees 51 Minutes 39 Seconds West 153.3 feet  
 thence North 01 Degrees 42 Minutes 25 Seconds West 232.8 feet  
 thence North 25 Degrees 50 Minutes 01 Seconds East 211.4 feet  
 thence North 12 Degrees 49 Minutes 02 Seconds East 180.3 feet  
 thence North 22 Degrees 02 Minutes 36 Seconds West 190.8 feet  
 thence North 20 Degrees 11 Minutes 10 Seconds West 197.2 feet  
 thence North 02 Degrees 01 Minutes 21 Seconds East 367.3 feet  
 thence North 04 Degrees 54 Minutes 29 Seconds East 35.9 feet  
 thence North 09 Degrees 06 Minutes 29 Seconds East 150.1 feet  
 thence North 04 Degrees 31 Minutes 15 Seconds East 120.2 feet

thence North 22 Degrees 51 Minutes 54 Seconds East 40 feet  
 thence North 22 Degrees 02 Minutes 47 Seconds East 6 feet  
 thence North 29 Degrees 37 Minutes 43 Seconds East 64.4 feet  
 thence North 28 Degrees 13 Minutes 42 Seconds East 92.7 feet  
 thence North 14 Degrees 47 Minutes 38 Seconds East 142.1 feet  
 thence North 18 Degrees 24 Minutes 58 Seconds East 113.3 feet  
 thence North 05 Degrees 52 Minutes 45 Seconds East 130.4 feet  
 thence North 09 Degrees 11 Minutes 51 Seconds East 134.8 feet  
 thence North 22 Degrees 09 Minutes 21 Seconds East 177.6 feet  
 thence North 23 Degrees 20 Minutes 43 Seconds East 195.3 feet  
 thence North 24 Degrees 02 Minutes 30 Seconds East 203.6 feet  
 thence North 25 Degrees 58 Minutes 17 Seconds East 194.1 feet  
 thence North 29 Degrees 33 Minutes 55 Seconds East 196.9 feet  
 thence North 33 Degrees 06 Minutes 17 Seconds East 207.3 feet  
 thence North 30 Degrees 02 Minutes 33 Seconds East 181.1 feet  
 thence North 17 Degrees 16 Minutes 03 Seconds East 199.7 feet  
 thence North 13 Degrees 13 Minutes 51 Seconds East 212.7 feet  
 thence North 26 Degrees 13 Minutes 53 Seconds East 0.7 feet  
 thence North 11 Degrees 36 Minutes 15 Seconds East 217.4 feet  
 thence North 16 Degrees 06 Minutes 43 Seconds East 227.2 feet  
 thence North 16 Degrees 24 Minutes 12 Seconds East 238.2 feet  
 thence North 16 Degrees 09 Minutes 41 Seconds East 211.6 feet  
 thence North 19 Degrees 32 Minutes 59 Seconds East 193 feet  
 thence North 21 Degrees 30 Minutes 15 Seconds East 192.4 feet  
 thence North 37 Degrees 36 Minutes 31 Seconds East 171.9 feet  
 thence North 34 Degrees 02 Minutes 48 Seconds East 30.2 feet  
 thence North 34 Degrees 15 Minutes 18 Seconds East 145.1 feet  
 thence North 25 Degrees 43 Minutes 04 Seconds East 180.1 feet  
 thence North 33 Degrees 33 Minutes 31 Seconds East 180.7 feet  
 thence North 23 Degrees 31 Minutes 58 Seconds East 159 feet  
 thence North 35 Degrees 03 Minutes 12 Seconds East 101.5 feet  
 thence North 31 Degrees 57 Minutes 22 Seconds East 119.2 feet  
 thence North 23 Degrees 17 Minutes 45 Seconds East 160.5 feet  
 thence North 16 Degrees 27 Minutes 13 Seconds East 184.1 feet  
 thence North 12 Degrees 57 Minutes 20 Seconds East 177.1 feet  
 thence North 04 Degrees 08 Minutes 56 Seconds East 172.2 feet  
 thence North 12 Degrees 29 Minutes 06 Seconds East 176 feet  
 thence North 16 Degrees 28 Minutes 52 Seconds East 124.8 feet  
 thence North 15 Degrees 52 Minutes 13 Seconds East 160 feet  
 thence North 21 Degrees 32 Minutes 33 Seconds East 186.8 feet  
 thence North 27 Degrees 28 Minutes 21 Seconds East 128.8 feet  
 thence North 21 Degrees 40 Minutes 40 Seconds East 16.6 feet  
 thence North 24 Degrees 41 Minutes 00 Seconds East 5.4 feet  
 thence North 23 Degrees 50 Minutes 24 Seconds East 63.3 feet  
 thence North 26 Degrees 17 Minutes 59 Seconds East 123 feet  
 thence North 26 Degrees 10 Minutes 33 Seconds East 151.5 feet  
 thence North 19 Degrees 41 Minutes 29 Seconds East 153.4 feet  
 thence North 29 Degrees 21 Minutes 50 Seconds East 147.7 feet  
 thence North 34 Degrees 23 Minutes 25 Seconds East 166.5 feet



thence North 29 Degrees 26 Minutes 39 Seconds East 141.4 feet  
thence North 19 Degrees 46 Minutes 28 Seconds East 167.1 feet  
thence North 16 Degrees 07 Minutes 15 Seconds East 147.2 feet  
thence North 05 Degrees 58 Minutes 09 Seconds West 150.4 feet  
thence North 03 Degrees 30 Minutes 53 Seconds East 146.7 feet  
thence North 03 Degrees 41 Minutes 59 Seconds West 162.1 feet  
thence North 04 Degrees 11 Minutes 22 Seconds East 162.3 feet  
thence North 09 Degrees 01 Minutes 36 Seconds East 151.4 feet  
thence North 13 Degrees 29 Minutes 15 Seconds East 148.4 feet  
thence North 17 Degrees 52 Minutes 35 Seconds West 160.1 feet  
thence North 19 Degrees 58 Minutes 21 Seconds West 172.9 feet  
thence North 01 Degrees 50 Minutes 12 Seconds West 125.1 feet  
thence North 12 Degrees 19 Minutes 09 Seconds East 65.9 feet  
thence North 03 Degrees 28 Minutes 50 Seconds East 14.8 feet  
thence North 02 Degrees 47 Minutes 14 Seconds West 23 feet  
thence North 15 Degrees 13 Minutes 23 Seconds East 93 feet  
thence North 20 Degrees 23 Minutes 31 Seconds East 129.8 feet  
thence North 20 Degrees 23 Minutes 21 Seconds East 158.6 feet  
thence North 10 Degrees 47 Minutes 57 Seconds East 166.6 feet  
thence North 00 Degrees 20 Minutes 00 Seconds West 1 feet  
thence North 07 Degrees 04 Minutes 57 Seconds West 167.6 feet  
thence North 16 Degrees 43 Minutes 22 Seconds West 180.3 feet  
thence North 16 Degrees 49 Minutes 04 Seconds West 167.7 feet  
thence North 20 Degrees 17 Minutes 16 Seconds West 168.3 feet  
thence North 03 Degrees 15 Minutes 58 Seconds East 151.6 feet  
thence North 13 Degrees 10 Minutes 30 Seconds East 172.8 feet  
thence North 20 Degrees 58 Minutes 20 Seconds East 176.2 feet  
thence North 37 Degrees 35 Minutes 00 Seconds East 158.1 feet  
thence North 12 Degrees 36 Minutes 09 Seconds East 120.2 feet  
thence North 17 Degrees 04 Minutes 01 Seconds East 120.7 feet  
thence North 51 Degrees 27 Minutes 42 Seconds East 155 feet  
thence North 32 Degrees 03 Minutes 59 Seconds East 181.9 feet  
thence North 21 Degrees 15 Minutes 16 Seconds East 196.3 feet  
thence North 23 Degrees 16 Minutes 49 Seconds East 208.1 feet  
thence North 35 Degrees 50 Minutes 32 Seconds East 167.9 feet  
thence North 33 Degrees 00 Minutes 26 Seconds East 134.4 feet  
thence North 30 Degrees 37 Minutes 49 Seconds East 17.2 feet  
thence North 30 Degrees 37 Minutes 49 Seconds East 86.1 feet  
thence North 30 Degrees 45 Minutes 28 Seconds East 126.5 feet  
thence North 27 Degrees 28 Minutes 54 Seconds East 154.7 feet  
thence North 15 Degrees 58 Minutes 13 Seconds East 173 feet  
thence North 04 Degrees 19 Minutes 50 Seconds West 136.5 feet  
thence North 03 Degrees 38 Minutes 24 Seconds West 147.9 feet  
thence North 04 Degrees 53 Minutes 54 Seconds East 136.8 feet  
thence North 13 Degrees 35 Minutes 57 Seconds East 132.2 feet  
thence North 07 Degrees 58 Minutes 41 Seconds East 161.2 feet  
thence North 08 Degrees 21 Minutes 05 Seconds East 186.9 feet  
thence North 09 Degrees 43 Minutes 26 Seconds East 176.7 feet  
thence North 08 Degrees 55 Minutes 49 Seconds East 171.3 feet

thence North 09 Degrees 33 Minutes 46 Seconds East 185.2 feet  
 thence North 05 Degrees 13 Minutes 42 Seconds East 176.1 feet  
 thence North 17 Degrees 09 Minutes 28 Seconds West 129.3 feet  
 thence North 30 Degrees 31 Minutes 20 Seconds West 120.8 feet  
 thence North 20 Degrees 08 Minutes 58 Seconds West 163.6 feet  
 thence North 02 Degrees 46 Minutes 52 Seconds West 176.7 feet  
 thence North 03 Degrees 35 Minutes 45 Seconds East 162.9 feet  
 thence North 34 Degrees 29 Minutes 18 Seconds West 123.4 feet  
 thence North 34 Degrees 18 Minutes 35 Seconds West 18.2 feet  
 thence North 36 Degrees 20 Minutes 52 Seconds West 110 feet  
 thence North 01 Degrees 52 Minutes 03 Seconds West 73.5 feet  
 thence North 08 Degrees 28 Minutes 35 Seconds East 90 feet  
 thence North 08 Degrees 16 Minutes 16 Seconds East 151.4 feet  
 thence North 15 Degrees 32 Minutes 27 Seconds East 181.2 feet  
 thence North 21 Degrees 58 Minutes 47 Seconds East 198 feet  
 thence North 22 Degrees 57 Minutes 53 Seconds East 198.3 feet  
 thence North 23 Degrees 48 Minutes 55 Seconds East 195 feet  
 thence North 27 Degrees 09 Minutes 31 Seconds East 190.6 feet  
 thence North 26 Degrees 38 Minutes 25 Seconds East 185.2 feet  
 thence North 23 Degrees 46 Minutes 42 Seconds East 192 feet  
 thence North 26 Degrees 16 Minutes 28 Seconds East 196.4 feet  
 thence North 25 Degrees 01 Minutes 54 Seconds East 189.2 feet  
 thence North 35 Degrees 51 Minutes 27 Seconds East 160.6 feet  
 thence North 34 Degrees 12 Minutes 44 Seconds East 182.9 feet  
 thence North 26 Degrees 50 Minutes 02 Seconds East 195.5 feet  
 thence North 24 Degrees 42 Minutes 13 Seconds East 170.6 feet  
 thence North 34 Degrees 13 Minutes 18 Seconds East 186.9 feet  
 thence North 34 Degrees 57 Minutes 52 Seconds East 191.4 feet  
 thence North 26 Degrees 16 Minutes 43 Seconds East 178.8 feet  
 thence North 30 Degrees 40 Minutes 00 Seconds East 178.4 feet  
 thence North 19 Degrees 15 Minutes 38 Seconds East 169.3 feet  
 thence North 11 Degrees 56 Minutes 27 Seconds East 168.3 feet  
 thence North 02 Degrees 23 Minutes 10 Seconds East 131.4 feet  
 thence North 18 Degrees 10 Minutes 09 Seconds West 149 feet  
 thence North 04 Degrees 08 Minutes 50 Seconds West 118.4 feet  
 thence North 26 Degrees 22 Minutes 23 Seconds East 119 feet  
 thence North 22 Degrees 11 Minutes 14 Seconds East 87.4 feet  
 thence North 20 Degrees 56 Minutes 18 Seconds East 138.4 feet  
 thence North 07 Degrees 09 Minutes 03 Seconds East 168.8 feet  
 thence North 00 Degrees 01 Minutes 16 Seconds East 159.2 feet  
 thence North 02 Degrees 36 Minutes 39 Seconds East 172.5 feet  
 thence North 01 Degrees 58 Minutes 11 Seconds East 179.7 feet  
 thence North 24 Degrees 01 Minutes 14 Seconds East 190.2 feet  
 thence North 23 Degrees 38 Minutes 50 Seconds East 211.6 feet  
 thence North 24 Degrees 26 Minutes 31 Seconds East 4.7 feet  
 thence North 24 Degrees 08 Minutes 25 Seconds East 209.2 feet  
 thence North 36 Degrees 57 Minutes 45 Seconds East 176.6 feet  
 thence North 51 Degrees 03 Minutes 20 Seconds East 181.5 feet  
 thence North 43 Degrees 29 Minutes 51 Seconds East 22.7 feet

thence North 42 Degrees 07 Minutes 19 Seconds East 41.8 feet  
 thence North 29 Degrees 59 Minutes 25 Seconds East 100.8 feet  
 thence North 29 Degrees 27 Minutes 51 Seconds East 132.8 feet  
 thence North 15 Degrees 33 Minutes 31 Seconds East 145 feet  
 thence North 02 Degrees 46 Minutes 35 Seconds East 163.4 feet  
 thence North 02 Degrees 07 Minutes 20 Seconds East 168.5 feet  
 thence North 07 Degrees 54 Minutes 40 Seconds East 139.6 feet  
 thence North 25 Degrees 12 Minutes 22 Seconds West 134.2 feet  
 thence North 16 Degrees 40 Minutes 52 Seconds West 102.6 feet  
 thence North 13 Degrees 15 Minutes 55 Seconds East 156.3 feet  
 thence North 30 Degrees 29 Minutes 46 Seconds East 144.1 feet  
 thence North 51 Degrees 11 Minutes 23 Seconds East 112.4 feet  
 thence North 51 Degrees 15 Minutes 48 Seconds East 103 feet  
 thence North 33 Degrees 05 Minutes 00 Seconds East 76.3 feet  
 thence North 06 Degrees 05 Minutes 15 Seconds West 85.1 feet  
 thence North 16 Degrees 50 Minutes 33 Seconds East 94.5 feet  
 thence North 32 Degrees 55 Minutes 16 Seconds East 119.7 feet  
 thence North 12 Degrees 17 Minutes 16 Seconds East 154.7 feet  
 thence North 26 Degrees 16 Minutes 48 Seconds East 174.4 feet  
 thence North 22 Degrees 50 Minutes 15 Seconds East 178.5 feet  
 thence North 21 Degrees 26 Minutes 59 Seconds East 190.2 feet  
 thence North 22 Degrees 55 Minutes 48 Seconds East 191.1 feet  
 thence North 23 Degrees 21 Minutes 55 Seconds East 202.5 feet  
 thence North 23 Degrees 55 Minutes 53 Seconds East 208.5 feet  
 thence North 25 Degrees 26 Minutes 39 Seconds East 213.6 feet  
 thence North 35 Degrees 48 Minutes 55 Seconds East 182.5 feet  
 thence North 43 Degrees 57 Minutes 40 Seconds East 188.5 feet  
 thence North 52 Degrees 36 Minutes 08 Seconds East 193.3 feet  
 thence North 54 Degrees 47 Minutes 39 Seconds East 167.6 feet  
 thence North 37 Degrees 14 Minutes 35 Seconds East 149.1 feet  
 thence North 36 Degrees 11 Minutes 55 Seconds East 189.1 feet  
 thence North 25 Degrees 35 Minutes 54 Seconds East 212.4 feet  
 thence North 18 Degrees 34 Minutes 01 Seconds East 230 feet  
 thence North 17 Degrees 06 Minutes 35 Seconds East 239.8 feet  
 thence North 07 Degrees 22 Minutes 01 Seconds East 235.2 feet  
 thence North 07 Degrees 27 Minutes 29 Seconds West 2.6 feet  
 thence North 06 Degrees 29 Minutes 11 Seconds West 211.3 feet  
 thence North 12 Degrees 03 Minutes 58 Seconds West 174.3 feet  
 thence North 27 Degrees 40 Minutes 09 Seconds East 158 feet  
 thence North 33 Degrees 07 Minutes 37 Seconds East 204.2 feet  
 thence North 34 Degrees 12 Minutes 18 Seconds East 227.5 feet  
 thence North 30 Degrees 36 Minutes 57 Seconds East 218.9 feet  
 thence North 31 Degrees 42 Minutes 46 Seconds East 196.7 feet  
 thence North 46 Degrees 44 Minutes 36 Seconds East 198.6 feet  
 thence North 39 Degrees 17 Minutes 07 Seconds East 64.3 feet  
 thence North 38 Degrees 59 Minutes 52 Seconds East 126.9 feet  
 thence North 00 Degrees 25 Minutes 05 Seconds East 100.1 feet  
 thence North 17 Degrees 56 Minutes 26 Seconds West 57.5 feet  
 thence North 36 Degrees 17 Minutes 18 Seconds West 115.2 feet

thence North 36 Degrees 11 Minutes 18 Seconds West 48.2 feet  
thence North 47 Degrees 43 Minutes 08 Seconds West 167.2 feet  
thence North 40 Degrees 36 Minutes 41 Seconds West 157.9 feet  
thence North 72 Degrees 08 Minutes 20 Seconds West 148.2 feet  
thence South 84 Degrees 06 Minutes 25 Seconds West 111.8 feet  
thence North 30 Degrees 28 Minutes 28 Seconds West 105.9 feet  
thence North 33 Degrees 38 Minutes 28 Seconds East 146.8 feet  
thence North 27 Degrees 52 Minutes 01 Seconds East 164.6 feet  
thence North 30 Degrees 26 Minutes 48 Seconds West 113.8 feet  
thence North 11 Degrees 41 Minutes 38 Seconds West 145 feet  
thence North 12 Degrees 32 Minutes 46 Seconds East 122.2 feet  
thence North 32 Degrees 50 Minutes 19 Seconds West 167.4 feet  
thence North 36 Degrees 41 Minutes 58 Seconds West 179.3 feet  
thence North 20 Degrees 14 Minutes 24 Seconds West 189.9 feet  
thence North 19 Degrees 30 Minutes 03 Seconds West 210.9 feet  
thence North 17 Degrees 53 Minutes 35 Seconds West 190.4 feet  
thence North 21 Degrees 10 Minutes 08 Seconds West 180.9 feet  
thence North 23 Degrees 41 Minutes 25 Seconds West 202 feet  
thence North 20 Degrees 49 Minutes 54 Seconds West 230.6 feet  
thence North 31 Degrees 43 Minutes 50 Seconds West 223 feet  
thence North 49 Degrees 40 Minutes 31 Seconds West 217.6 feet  
thence North 59 Degrees 31 Minutes 02 Seconds West 196.1 feet  
thence North 33 Degrees 42 Minutes 25 Seconds West 198.1 feet  
thence North 17 Degrees 56 Minutes 38 Seconds West 209.4 feet  
thence North 16 Degrees 16 Minutes 41 Seconds West 129 feet  
thence North 20 Degrees 25 Minutes 41 Seconds West 14.3 feet  
thence North 16 Degrees 16 Minutes 41 Seconds West 7.2 feet  
thence North 19 Degrees 27 Minutes 21 Seconds West 69.1 feet  
thence North 16 Degrees 52 Minutes 54 Seconds West 59.9 feet  
thence North 16 Degrees 47 Minutes 12 Seconds West 66.1 feet  
thence North 20 Degrees 39 Minutes 38 Seconds West 144.6 feet  
thence North 25 Degrees 31 Minutes 17 Seconds West 158.9 feet  
thence North 18 Degrees 58 Minutes 11 Seconds West 176.7 feet  
thence North 28 Degrees 14 Minutes 23 Seconds West 200.6 feet  
thence North 18 Degrees 51 Minutes 13 Seconds West 138.5 feet  
thence North 26 Degrees 37 Minutes 43 Seconds West 187.4 feet  
thence North 16 Degrees 19 Minutes 52 Seconds West 195.3 feet  
thence North 03 Degrees 37 Minutes 39 Seconds West 199.9 feet  
thence North 01 Degrees 10 Minutes 56 Seconds West 199.2 feet  
thence North 15 Degrees 07 Minutes 56 Seconds East 188.3 feet  
thence North 12 Degrees 59 Minutes 39 Seconds East 186.5 feet  
thence North 00 Degrees 01 Minutes 31 Seconds West 183.5 feet  
thence North 17 Degrees 13 Minutes 35 Seconds West 185.2 feet  
thence North 21 Degrees 51 Minutes 55 Seconds West 220.9 feet  
thence North 22 Degrees 08 Minutes 03 Seconds West 243.9 feet  
thence North 18 Degrees 03 Minutes 37 Seconds West 252.2 feet  
thence North 15 Degrees 11 Minutes 05 Seconds West 229.2 feet  
thence North 13 Degrees 11 Minutes 43 Seconds West 213.8 feet  
thence North 09 Degrees 14 Minutes 51 Seconds West 220.3 feet

thence North 09 Degrees 16 Minutes 50 Seconds West 198.4 feet  
thence North 10 Degrees 17 Minutes 14 Seconds West 163.3 feet  
thence North 14 Degrees 28 Minutes 59 Seconds West 159.8 feet  
thence North 20 Degrees 59 Minutes 10 Seconds West 158.2 feet  
thence North 26 Degrees 13 Minutes 46 Seconds West 151 feet  
thence North 26 Degrees 19 Minutes 26 Seconds West 102.6 feet  
thence North 28 Degrees 18 Minutes 43 Seconds West 11.9 feet  
thence North 31 Degrees 22 Minutes 41 Seconds West 39.5 feet  
thence North 29 Degrees 49 Minutes 54 Seconds West 123.3 feet  
thence North 32 Degrees 57 Minutes 46 Seconds West 172.3 feet  
thence North 32 Degrees 48 Minutes 14 Seconds West 192.6 feet  
thence North 30 Degrees 46 Minutes 37 Seconds West 180.1 feet  
thence North 28 Degrees 33 Minutes 49 Seconds West 146.4 feet  
thence North 25 Degrees 14 Minutes 14 Seconds West 10.1 feet  
thence North 25 Degrees 58 Minutes 45 Seconds West 119.1 feet  
thence North 37 Degrees 08 Minutes 14 Seconds West 115.6 feet  
thence North 53 Degrees 18 Minutes 46 Seconds West 50.2 feet  
thence North 53 Degrees 27 Minutes 45 Seconds West 24.6 feet  
thence North 61 Degrees 16 Minutes 41 Seconds West 27 feet  
thence North 64 Degrees 20 Minutes 19 Seconds West 88.4 feet  
thence North 64 Degrees 40 Minutes 02 Seconds West 28 feet  
thence North 63 Degrees 46 Minutes 03 Seconds West 171 feet  
thence North 64 Degrees 44 Minutes 21 Seconds West 199.1 feet  
thence North 64 Degrees 44 Minutes 26 Seconds West 207.4 feet  
thence North 64 Degrees 49 Minutes 20 Seconds West 207.3 feet  
thence North 65 Degrees 22 Minutes 16 Seconds West 225.5 feet  
thence North 64 Degrees 17 Minutes 06 Seconds West 243.7 feet  
thence North 64 Degrees 17 Minutes 58 Seconds West 237.1 feet  
thence North 63 Degrees 36 Minutes 46 Seconds West 217.5 feet  
thence North 69 Degrees 50 Minutes 23 Seconds West 208.1 feet  
thence North 73 Degrees 11 Minutes 58 Seconds West 137 feet  
thence North 73 Degrees 10 Minutes 48 Seconds West 83.5 feet  
thence North 75 Degrees 12 Minutes 30 Seconds West 226.4 feet  
thence North 75 Degrees 54 Minutes 01 Seconds West 230.5 feet  
thence North 76 Degrees 22 Minutes 32 Seconds West 230 feet  
thence North 78 Degrees 23 Minutes 06 Seconds West 231.5 feet  
thence North 72 Degrees 52 Minutes 50 Seconds West 229.8 feet  
thence North 59 Degrees 52 Minutes 00 Seconds West 239.5 feet  
thence North 56 Degrees 56 Minutes 43 Seconds West 241 feet  
thence North 58 Degrees 05 Minutes 52 Seconds West 243.7 feet  
thence North 57 Degrees 58 Minutes 08 Seconds West 200.5 feet  
thence North 56 Degrees 54 Minutes 27 Seconds West 98.3 feet  
thence North 55 Degrees 06 Minutes 53 Seconds West 27.3 feet  
thence North 60 Degrees 16 Minutes 40 Seconds West 60.3 feet  
thence North 58 Degrees 18 Minutes 45 Seconds West 137.4 feet  
thence North 58 Degrees 34 Minutes 22 Seconds West 178.3 feet  
thence North 58 Degrees 21 Minutes 56 Seconds West 205.8 feet  
thence North 58 Degrees 10 Minutes 26 Seconds West 221.4 feet  
thence North 58 Degrees 20 Minutes 42 Seconds West 220.6 feet

thence North 58 Degrees 00 Minutes 14 Seconds West 222.2 feet  
thence North 57 Degrees 37 Minutes 20 Seconds West 223.5 feet  
thence North 60 Degrees 14 Minutes 28 Seconds West 229.1 feet  
thence North 70 Degrees 16 Minutes 04 Seconds West 237.3 feet  
thence North 74 Degrees 01 Minutes 37 Seconds West 251.3 feet  
thence North 73 Degrees 50 Minutes 36 Seconds West 256.7 feet  
thence North 74 Degrees 57 Minutes 01 Seconds West 247.5 feet  
thence North 75 Degrees 42 Minutes 53 Seconds West 227.6 feet  
thence North 76 Degrees 40 Minutes 04 Seconds West 208.4 feet  
thence North 78 Degrees 16 Minutes 21 Seconds West 186.9 feet  
thence North 82 Degrees 14 Minutes 43 Seconds West 184.3 feet  
thence North 83 Degrees 46 Minutes 19 Seconds West 66.1 feet more or less to **the ending**

**point at:** 38 degrees 46 minutes 09.52 seconds North Latitude and -110 degrees 10 minutes 16.43 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,019,298.2 feet and Y = 6,723,285.9 feet.

## Appendix G to Attachment 4

**Popular Name: LOWER SAN RAFAEL ROAD**

**County: Emery**

**County Road Number: 1010**

**State Geographic Information Database (SGID) Road Identification Number: RD080013.**

**Road-Segment Number: 012**

**Road-Segment Length: 8.5 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 23 South Range 15 East, Section(s) 1,12,13,14,23,24, Salt Lake Base & Meridian

Township 23 South Range 16 East, Section(s) 19,20,29, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (LOWER SAN RAFAEL ROAD)-- Segment 012 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 38 degrees 46 minutes 26.66 seconds North Latitude and -110 degrees 10 minutes 039.2 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,017,468.6 feet and Y = 6,724,993.6 feet; thence the following courses along the said road center line:

thence North 03 Degrees 24 Minutes 26 Seconds East 100.6 feet  
thence North 03 Degrees 45 Minutes 12 Seconds East 9.2 feet  
thence North 05 Degrees 03 Minutes 42 Seconds East 76.8 feet  
thence North 04 Degrees 51 Minutes 44 Seconds East 7.3 feet  
thence North 00 Degrees 13 Minutes 46 Seconds East 33.5 feet  
thence North 04 Degrees 16 Minutes 38 Seconds West 114.5 feet  
thence North 09 Degrees 40 Minutes 54 Seconds West 137.4 feet  
thence North 13 Degrees 01 Minutes 33 Seconds West 135.9 feet  
thence North 14 Degrees 02 Minutes 33 Seconds West 126 feet  
thence North 26 Degrees 23 Minutes 07 Seconds West 115.1 feet

thence North 63 Degrees 08 Minutes 49 Seconds West 122.1 feet  
thence South 79 Degrees 37 Minutes 13 Seconds West 137.3 feet  
thence South 69 Degrees 16 Minutes 35 Seconds West 133.8 feet  
thence South 60 Degrees 39 Minutes 27 Seconds West 123.9 feet  
thence South 58 Degrees 44 Minutes 53 Seconds West 146.9 feet  
thence South 64 Degrees 44 Minutes 50 Seconds West 153.5 feet  
thence South 79 Degrees 06 Minutes 07 Seconds West 128.9 feet  
thence North 49 Degrees 37 Minutes 40 Seconds West 99.1 feet  
thence North 34 Degrees 01 Minutes 20 Seconds East 94.2 feet  
thence North 65 Degrees 31 Minutes 20 Seconds East 114.7 feet  
thence North 59 Degrees 35 Minutes 57 Seconds East 50.4 feet  
thence North 20 Degrees 13 Minutes 26 Seconds East 2.8 feet  
thence North 52 Degrees 31 Minutes 16 Seconds East 13.6 feet  
thence North 43 Degrees 14 Minutes 23 Seconds East 83.8 feet  
thence North 35 Degrees 29 Minutes 56 Seconds East 126.7 feet  
thence North 29 Degrees 15 Minutes 20 Seconds East 133.6 feet  
thence North 20 Degrees 03 Minutes 18 Seconds East 143.2 feet  
thence North 09 Degrees 03 Minutes 55 Seconds East 142.7 feet  
thence North 07 Degrees 47 Minutes 53 Seconds East 34.8 feet  
thence North 02 Degrees 31 Minutes 49 Seconds East 6.6 feet  
thence North 02 Degrees 28 Minutes 19 Seconds East 80.5 feet  
thence North 00 Degrees 42 Minutes 26 Seconds West 150.3 feet  
thence North 07 Degrees 53 Minutes 39 Seconds West 192 feet  
thence North 14 Degrees 20 Minutes 42 Seconds West 197.9 feet  
thence North 17 Degrees 49 Minutes 29 Seconds West 202 feet  
thence North 21 Degrees 01 Minutes 04 Seconds West 203.5 feet  
thence North 20 Degrees 17 Minutes 31 Seconds West 210.6 feet  
thence North 19 Degrees 41 Minutes 10 Seconds West 207 feet  
thence North 20 Degrees 28 Minutes 55 Seconds West 211.5 feet  
thence North 19 Degrees 41 Minutes 57 Seconds West 229.6 feet  
thence North 19 Degrees 19 Minutes 13 Seconds West 247.1 feet  
thence North 18 Degrees 40 Minutes 34 Seconds West 262.8 feet  
thence North 19 Degrees 01 Minutes 47 Seconds West 248.8 feet  
thence North 21 Degrees 36 Minutes 14 Seconds West 224.4 feet  
thence North 34 Degrees 15 Minutes 23 Seconds West 222.3 feet  
thence North 35 Degrees 35 Minutes 22 Seconds West 203 feet  
thence North 37 Degrees 24 Minutes 23 Seconds West 202 feet  
thence North 39 Degrees 42 Minutes 40 Seconds West 220.4 feet  
thence North 41 Degrees 57 Minutes 30 Seconds West 228.8 feet  
thence North 42 Degrees 26 Minutes 50 Seconds West 239.8 feet  
thence North 30 Degrees 04 Minutes 00 Seconds West 233.6 feet  
thence North 29 Degrees 54 Minutes 34 Seconds West 14 feet  
thence North 15 Degrees 30 Minutes 04 Seconds West 269.7 feet  
thence North 09 Degrees 12 Minutes 22 Seconds West 278.7 feet  
thence North 10 Degrees 43 Minutes 01 Seconds West 271.3 feet  
thence North 05 Degrees 01 Minutes 35 Seconds West 272.7 feet  
thence North 04 Degrees 19 Minutes 54 Seconds West 47 feet  
thence North 04 Degrees 27 Minutes 50 Seconds West 200.4 feet  
thence North 05 Degrees 04 Minutes 34 Seconds East 247.3 feet



thence North 07 Degrees 48 Minutes 32 Seconds East 250.3 feet  
thence North 10 Degrees 20 Minutes 22 Seconds West 226.6 feet  
thence North 27 Degrees 06 Minutes 19 Seconds West 241.9 feet  
thence North 34 Degrees 59 Minutes 21 Seconds West 253.4 feet  
thence North 39 Degrees 46 Minutes 49 Seconds West 108 feet  
thence North 39 Degrees 54 Minutes 34 Seconds West 137.5 feet  
thence North 39 Degrees 40 Minutes 16 Seconds West 237.7 feet  
thence North 32 Degrees 00 Minutes 15 Seconds West 245.7 feet  
thence North 26 Degrees 18 Minutes 09 Seconds West 254.8 feet  
thence North 23 Degrees 15 Minutes 04 Seconds West 265.5 feet  
thence North 22 Degrees 34 Minutes 39 Seconds West 274.8 feet  
thence North 26 Degrees 05 Minutes 51 Seconds West 178.9 feet  
thence North 26 Degrees 12 Minutes 30 Seconds West 97.8 feet  
thence North 31 Degrees 31 Minutes 05 Seconds West 260.5 feet  
thence North 39 Degrees 33 Minutes 26 Seconds West 249.1 feet  
thence North 60 Degrees 15 Minutes 33 Seconds West 227.9 feet  
thence North 79 Degrees 52 Minutes 36 Seconds West 224.3 feet  
thence South 82 Degrees 11 Minutes 48 Seconds West 222.1 feet  
thence South 68 Degrees 00 Minutes 05 Seconds West 233.8 feet  
thence South 66 Degrees 09 Minutes 59 Seconds West 228 feet  
thence South 74 Degrees 05 Minutes 20 Seconds West 218.8 feet  
thence South 69 Degrees 26 Minutes 09 Seconds West 238.2 feet  
thence South 68 Degrees 51 Minutes 16 Seconds West 247.5 feet  
thence South 71 Degrees 52 Minutes 24 Seconds West 241.6 feet  
thence South 81 Degrees 19 Minutes 06 Seconds West 241.8 feet  
thence South 88 Degrees 11 Minutes 31 Seconds West 254.8 feet  
thence South 88 Degrees 42 Minutes 44 Seconds West 255.7 feet  
thence South 88 Degrees 33 Minutes 50 Seconds West 255.4 feet  
thence South 88 Degrees 37 Minutes 17 Seconds West 251.5 feet  
thence South 88 Degrees 21 Minutes 42 Seconds West 259 feet  
thence South 87 Degrees 30 Minutes 36 Seconds West 261.4 feet  
thence South 87 Degrees 38 Minutes 28 Seconds West 259.8 feet  
thence South 87 Degrees 28 Minutes 28 Seconds West 257.2 feet  
thence South 87 Degrees 32 Minutes 02 Seconds West 255.5 feet  
thence South 87 Degrees 41 Minutes 18 Seconds West 247 feet  
thence South 88 Degrees 17 Minutes 42 Seconds West 232.8 feet  
thence South 87 Degrees 41 Minutes 07 Seconds West 237.1 feet  
thence South 84 Degrees 14 Minutes 28 Seconds West 138.8 feet  
thence South 84 Degrees 19 Minutes 52 Seconds West 95.3 feet  
thence South 77 Degrees 25 Minutes 27 Seconds West 236.8 feet  
thence South 74 Degrees 50 Minutes 14 Seconds West 218 feet  
thence South 75 Degrees 11 Minutes 38 Seconds West 135.3 feet  
thence South 73 Degrees 49 Minutes 00 Seconds West 27.6 feet  
thence South 71 Degrees 00 Minutes 38 Seconds West 26.7 feet  
thence South 71 Degrees 41 Minutes 18 Seconds West 130.8 feet  
thence South 72 Degrees 00 Minutes 03 Seconds West 186 feet  
thence South 73 Degrees 03 Minutes 32 Seconds West 221.6 feet  
thence South 72 Degrees 30 Minutes 52 Seconds West 241.5 feet  
thence South 72 Degrees 39 Minutes 50 Seconds West 253.6 feet

thence South 73 Degrees 13 Minutes 33 Seconds West 259.7 feet  
 thence South 75 Degrees 59 Minutes 44 Seconds West 263.8 feet  
 thence South 74 Degrees 55 Minutes 30 Seconds West 270.8 feet  
 thence South 68 Degrees 36 Minutes 44 Seconds West 285.9 feet  
 thence South 67 Degrees 54 Minutes 13 Seconds West 287.7 feet  
 thence South 67 Degrees 38 Minutes 47 Seconds West 268.7 feet  
 thence South 61 Degrees 55 Minutes 39 Seconds West 250.3 feet  
 thence South 59 Degrees 47 Minutes 34 Seconds West 266.9 feet  
 thence South 59 Degrees 22 Minutes 11 Seconds West 286.2 feet  
 thence South 60 Degrees 02 Minutes 49 Seconds West 302.8 feet  
 thence South 62 Degrees 10 Minutes 27 Seconds West 298.6 feet  
 thence South 67 Degrees 37 Minutes 06 Seconds West 294.6 feet  
 thence South 80 Degrees 33 Minutes 03 Seconds West 296.2 feet  
 thence South 89 Degrees 40 Minutes 07 Seconds West 24.9 feet  
 thence South 89 Degrees 11 Minutes 46 Seconds West 198.9 feet  
 thence South 89 Degrees 12 Minutes 04 Seconds West 80.4 feet  
 thence North 81 Degrees 00 Minutes 44 Seconds West 172.3 feet  
 thence North 66 Degrees 06 Minutes 12 Seconds West 251.9 feet  
 thence North 54 Degrees 05 Minutes 29 Seconds West 280.4 feet  
 thence North 47 Degrees 02 Minutes 00 Seconds West 265.6 feet  
 thence North 43 Degrees 50 Minutes 08 Seconds West 257.9 feet  
 thence North 36 Degrees 57 Minutes 05 Seconds West 256.4 feet  
 thence North 08 Degrees 26 Minutes 06 Seconds West 204.9 feet  
 thence North 19 Degrees 50 Minutes 39 Seconds East 225.5 feet  
 thence North 25 Degrees 13 Minutes 56 Seconds East 218.3 feet  
 thence North 28 Degrees 01 Minutes 16 Seconds East 98.8 feet  
 thence North 25 Degrees 46 Minutes 42 Seconds East 73.8 feet  
 thence North 29 Degrees 15 Minutes 52 Seconds East 124.9 feet  
 thence North 29 Degrees 32 Minutes 41 Seconds East 17.8 feet  
 thence North 35 Degrees 05 Minutes 09 Seconds East 163.1 feet  
 thence North 45 Degrees 09 Minutes 21 Seconds East 163.9 feet  
 thence North 39 Degrees 02 Minutes 02 Seconds East 174.9 feet  
 thence North 23 Degrees 17 Minutes 33 Seconds East 191.7 feet  
 thence North 27 Degrees 10 Minutes 38 Seconds East 196.1 feet  
 thence North 27 Degrees 25 Minutes 54 Seconds East 210.7 feet  
 thence North 11 Degrees 17 Minutes 36 Seconds East 234.6 feet  
 thence North 12 Degrees 56 Minutes 03 Seconds East 130.2 feet  
 thence North 13 Degrees 02 Minutes 25 Seconds East 123.5 feet  
 thence North 17 Degrees 38 Minutes 30 Seconds East 270.2 feet  
 thence North 17 Degrees 37 Minutes 03 Seconds East 281.2 feet  
 thence North 15 Degrees 46 Minutes 41 Seconds East 189.3 feet  
 thence North 15 Degrees 40 Minutes 22 Seconds East 88.1 feet  
 thence North 15 Degrees 23 Minutes 23 Seconds East 276.2 feet  
 thence North 16 Degrees 36 Minutes 07 Seconds East 277.2 feet  
 thence North 15 Degrees 05 Minutes 28 Seconds East 276.5 feet  
 thence North 14 Degrees 24 Minutes 32 Seconds East 265.7 feet  
 thence North 08 Degrees 24 Minutes 31 Seconds East 222.5 feet  
 thence North 06 Degrees 32 Minutes 43 Seconds East 244 feet  
 thence North 10 Degrees 22 Minutes 22 Seconds East 273.9 feet

thence North 11 Degrees 40 Minutes 29 Seconds East 280.9 feet  
 thence North 15 Degrees 52 Minutes 24 Seconds East 269.3 feet  
 thence North 21 Degrees 22 Minutes 39 Seconds East 263.5 feet  
 thence North 16 Degrees 20 Minutes 54 Seconds East 271 feet  
 thence North 10 Degrees 50 Minutes 43 Seconds East 276 feet  
 thence North 06 Degrees 51 Minutes 42 Seconds East 275.2 feet  
 thence North 03 Degrees 03 Minutes 05 Seconds East 278.2 feet  
 thence North 03 Degrees 09 Minutes 51 Seconds East 274.6 feet  
 thence North 02 Degrees 31 Minutes 27 Seconds East 263.6 feet  
 thence North 04 Degrees 56 Minutes 40 Seconds West 208.1 feet  
 thence North 04 Degrees 43 Minutes 46 Seconds West 47.1 feet  
 thence North 04 Degrees 03 Minutes 23 Seconds East 257.4 feet  
 thence North 22 Degrees 55 Minutes 00 Seconds East 251.1 feet  
 thence North 26 Degrees 48 Minutes 41 Seconds East 233.1 feet  
 thence North 40 Degrees 43 Minutes 18 Seconds East 212.4 feet  
 thence North 44 Degrees 20 Minutes 11 Seconds East 240 feet  
 thence North 43 Degrees 15 Minutes 02 Seconds East 243.8 feet  
 thence North 49 Degrees 44 Minutes 55 Seconds East 251.6 feet  
 thence North 56 Degrees 02 Minutes 31 Seconds East 248.3 feet  
 thence North 48 Degrees 17 Minutes 31 Seconds East 231.4 feet  
 thence North 28 Degrees 38 Minutes 25 Seconds East 241.2 feet  
 thence North 30 Degrees 11 Minutes 05 Seconds East 266.3 feet  
 thence North 33 Degrees 27 Minutes 19 Seconds East 270.9 feet  
 thence North 41 Degrees 38 Minutes 24 Seconds East 259.1 feet  
 thence North 36 Degrees 30 Minutes 32 Seconds East 250.2 feet  
 thence North 22 Degrees 59 Minutes 42 Seconds East 252 feet  
 thence North 24 Degrees 47 Minutes 55 Seconds East 252 feet  
 thence North 14 Degrees 01 Minutes 12 Seconds East 260.9 feet  
 thence North 03 Degrees 12 Minutes 04 Seconds East 266.4 feet  
 thence North 03 Degrees 09 Minutes 30 Seconds East 269.6 feet  
 thence North 11 Degrees 11 Minutes 03 Seconds East 269.6 feet  
 thence North 02 Degrees 33 Minutes 30 Seconds West 261.8 feet  
 thence North 17 Degrees 06 Minutes 52 Seconds West 255.7 feet  
 thence North 23 Degrees 55 Minutes 54 Seconds West 264 feet  
 thence North 16 Degrees 54 Minutes 36 Seconds West 285.3 feet  
 thence North 10 Degrees 54 Minutes 15 Seconds West 25 feet  
 thence North 10 Degrees 35 Minutes 13 Seconds West 276.5 feet  
 thence North 03 Degrees 50 Minutes 26 Seconds West 300.2 feet  
 thence North 05 Degrees 40 Minutes 53 Seconds East 291.4 feet  
 thence North 14 Degrees 28 Minutes 39 Seconds East 295.4 feet  
 thence North 11 Degrees 45 Minutes 33 Seconds East 288.3 feet  
 thence North 08 Degrees 36 Minutes 54 Seconds East 293.4 feet  
 thence North 14 Degrees 17 Minutes 34 Seconds East 287.3 feet  
 thence North 18 Degrees 38 Minutes 50 Seconds East 284.6 feet  
 thence North 02 Degrees 12 Minutes 58 Seconds West 289.3 feet  
 thence North 06 Degrees 29 Minutes 56 Seconds West 278 feet  
 thence North 06 Degrees 22 Minutes 14 Seconds West 255.8 feet  
 thence North 07 Degrees 11 Minutes 17 Seconds West 252.9 feet  
 thence North 00 Degrees 19 Minutes 50 Seconds West 221.5 feet

thence North 50 Degrees 48 Minutes 38 Seconds West 143.4 feet  
thence South 73 Degrees 27 Minutes 03 Seconds West 161 feet  
thence South 88 Degrees 58 Minutes 03 Seconds West 160.8 feet  
thence North 57 Degrees 56 Minutes 03 Seconds West 173.4 feet  
thence North 07 Degrees 24 Minutes 09 Seconds West 175.9 feet  
thence North 23 Degrees 43 Minutes 25 Seconds East 207.7 feet  
thence North 38 Degrees 40 Minutes 36 Seconds East 168.9 feet  
thence North 01 Degrees 02 Minutes 03 Seconds West 187.1 feet  
thence North 07 Degrees 59 Minutes 07 Seconds West 207 feet  
thence North 08 Degrees 08 Minutes 49 Seconds East 175.9 feet  
thence North 50 Degrees 03 Minutes 58 Seconds East 130.8 feet  
thence North 53 Degrees 21 Minutes 53 Seconds East 20 feet  
thence North 42 Degrees 19 Minutes 55 Seconds East 45.5 feet  
thence North 14 Degrees 49 Minutes 11 Seconds East 110.5 feet  
thence North 09 Degrees 55 Minutes 25 Seconds West 165.4 feet

thence North 10 Degrees 16 Minutes 51 Seconds East 142.6 feet more or less to **the ending point at:** 38 degrees 50 minutes 49.27 seconds North Latitude and -110 degrees 13 minutes 03.76 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,005,639.5 feet and Y = 6,751,393.7 feet.

## Appendix H to Attachment 4

**Popular Name: LOWER SAN RAFAEL ROAD**

**County: Emery**

**County Road Number: 1010**

**State Geographic Information Database (SGID) Road Identification Number: RD080013.**

**Road-Segment Number: 014**

**Road-Segment Length: 3.57 miles more or less.**

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

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

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

This road-segment may traverse:

Township 22 South Range 15 East, Section(s) 25,36, Salt Lake Base & Meridian

Township 22 South Range 16 East, Section(s) 7,18,19,30, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (LOWER SAN RAFAEL ROAD)-- Segment 014 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 38 degrees 51 minutes 41.19 seconds North Latitude and -110 degrees 12 minutes 40.55 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,007,400.5 feet and Y = 6,756,672.4 feet; thence the following courses along the said road center line:

thence North 19 Degrees 11 Minutes 47 Seconds East 59.9 feet  
thence North 22 Degrees 57 Minutes 34 Seconds East 54 feet  
thence North 22 Degrees 57 Minutes 10 Seconds East 174.4 feet  
thence North 16 Degrees 48 Minutes 46 Seconds East 202.6 feet  
thence North 00 Degrees 33 Minutes 02 Seconds East 149.4 feet  
thence North 10 Degrees 46 Minutes 42 Seconds West 47.1 feet  
thence North 11 Degrees 03 Minutes 34 Seconds West 31.7 feet  
thence North 10 Degrees 34 Minutes 42 Seconds West 118.1 feet  
thence North 09 Degrees 54 Minutes 07 Seconds West 169.7 feet  
thence North 24 Degrees 04 Minutes 34 Seconds West 185 feet

thence North 44 Degrees 51 Minutes 06 Seconds West 166.6 feet  
 thence North 27 Degrees 28 Minutes 13 Seconds West 131.7 feet  
 thence North 13 Degrees 42 Minutes 20 Seconds East 138 feet  
 thence North 36 Degrees 22 Minutes 49 Seconds East 165.8 feet  
 thence North 27 Degrees 52 Minutes 05 Seconds East 175 feet  
 thence North 06 Degrees 04 Minutes 44 Seconds East 179.3 feet  
 thence North 11 Degrees 22 Minutes 20 Seconds East 187.7 feet  
 thence North 11 Degrees 29 Minutes 51 Seconds East 128.1 feet  
 thence North 10 Degrees 43 Minutes 50 Seconds East 44.5 feet  
 thence North 10 Degrees 13 Minutes 37 Seconds East 93.1 feet  
 thence North 11 Degrees 22 Minutes 23 Seconds East 178 feet  
 thence North 11 Degrees 43 Minutes 50 Seconds East 235.6 feet  
 thence North 12 Degrees 04 Minutes 36 Seconds East 67.2 feet  
 thence North 12 Degrees 09 Minutes 59 Seconds East 192.6 feet  
 thence North 11 Degrees 34 Minutes 18 Seconds East 280.1 feet  
 thence North 11 Degrees 23 Minutes 25 Seconds East 260.1 feet  
 thence North 11 Degrees 11 Minutes 35 Seconds East 34.5 feet  
 thence North 10 Degrees 40 Minutes 58 Seconds East 261.1 feet  
 thence North 11 Degrees 55 Minutes 42 Seconds East 272.1 feet  
 thence North 11 Degrees 42 Minutes 07 Seconds East 296 feet  
 thence North 11 Degrees 54 Minutes 17 Seconds East 298.9 feet  
 thence North 11 Degrees 57 Minutes 12 Seconds East 291.6 feet  
 thence North 11 Degrees 34 Minutes 31 Seconds East 278.4 feet  
 thence North 11 Degrees 38 Minutes 09 Seconds East 174.1 feet  
 thence North 11 Degrees 39 Minutes 52 Seconds East 118.4 feet  
 thence North 12 Degrees 12 Minutes 44 Seconds East 290.2 feet  
 thence North 12 Degrees 02 Minutes 36 Seconds East 263.4 feet  
 thence North 13 Degrees 35 Minutes 36 Seconds East 162.3 feet  
 thence North 14 Degrees 27 Minutes 58 Seconds East 18 feet  
 thence North 11 Degrees 51 Minutes 21 Seconds East 71.5 feet  
 thence North 12 Degrees 45 Minutes 53 Seconds East 126 feet  
 thence North 09 Degrees 15 Minutes 52 Seconds East 139.8 feet  
 thence North 11 Degrees 55 Minutes 14 Seconds East 117.5 feet  
 thence North 19 Degrees 11 Minutes 19 Seconds East 131.6 feet  
 thence North 10 Degrees 58 Minutes 46 Seconds East 102.1 feet  
 thence North 30 Degrees 54 Minutes 34 Seconds West 33.5 feet  
 thence North 66 Degrees 02 Minutes 11 Seconds West 51.9 feet  
 thence North 74 Degrees 00 Minutes 44 Seconds West 104 feet  
 thence South 84 Degrees 23 Minutes 34 Seconds West 103.5 feet  
 thence North 40 Degrees 45 Minutes 39 Seconds West 119.4 feet  
 thence North 12 Degrees 52 Minutes 34 Seconds East 159.5 feet  
 thence North 15 Degrees 38 Minutes 37 Seconds East 89.4 feet  
 thence North 15 Degrees 11 Minutes 37 Seconds East 6.1 feet  
 thence North 15 Degrees 57 Minutes 16 Seconds East 91.3 feet  
 thence North 15 Degrees 45 Minutes 17 Seconds East 129.1 feet  
 thence North 15 Degrees 10 Minutes 53 Seconds East 83.5 feet  
 thence North 17 Degrees 25 Minutes 53 Seconds East 123.7 feet  
 thence North 18 Degrees 34 Minutes 26 Seconds East 177.3 feet  
 thence North 13 Degrees 21 Minutes 43 Seconds East 185.8 feet

thence North 11 Degrees 52 Minutes 33 Seconds East 82.3 feet  
 thence North 09 Degrees 07 Minutes 54 Seconds East 47.9 feet  
 thence North 08 Degrees 10 Minutes 17 Seconds East 128.8 feet  
 thence North 06 Degrees 32 Minutes 53 Seconds East 104.1 feet  
 thence North 03 Degrees 29 Minutes 01 Seconds East 9.9 feet  
 thence North 03 Degrees 02 Minutes 09 Seconds East 106.2 feet  
 thence North 02 Degrees 46 Minutes 12 Seconds East 157.8 feet  
 thence North 17 Degrees 18 Minutes 01 Seconds East 170.1 feet  
 thence North 37 Degrees 33 Minutes 40 Seconds East 198.8 feet  
 thence North 26 Degrees 26 Minutes 00 Seconds East 211.4 feet  
 thence North 36 Degrees 53 Minutes 20 Seconds East 193.7 feet  
 thence North 39 Degrees 06 Minutes 12 Seconds East 265.6 feet  
 thence North 36 Degrees 45 Minutes 14 Seconds East 87.6 feet  
 thence North 33 Degrees 15 Minutes 25 Seconds East 152.5 feet  
 thence North 19 Degrees 28 Minutes 34 Seconds East 182.1 feet  
 thence North 13 Degrees 46 Minutes 21 Seconds East 204.7 feet  
 thence North 17 Degrees 40 Minutes 25 Seconds East 207.1 feet  
 thence North 08 Degrees 36 Minutes 08 Seconds East 245.2 feet  
 thence North 06 Degrees 52 Minutes 37 Seconds East 141.3 feet  
 thence North 06 Degrees 54 Minutes 13 Seconds East 106.9 feet  
 thence North 16 Degrees 39 Minutes 37 Seconds East 123.5 feet  
 thence North 22 Degrees 41 Minutes 42 Seconds East 57.1 feet  
 thence North 20 Degrees 33 Minutes 08 Seconds East 148.2 feet  
 thence North 15 Degrees 53 Minutes 23 Seconds East 150.4 feet  
 thence North 21 Degrees 01 Minutes 34 Seconds East 164.9 feet  
 thence North 08 Degrees 46 Minutes 05 Seconds East 178.5 feet  
 thence North 00 Degrees 08 Minutes 19 Seconds West 196.3 feet  
 thence North 22 Degrees 15 Minutes 05 Seconds East 152.1 feet  
 thence North 36 Degrees 26 Minutes 34 Seconds East 38.9 feet  
 thence North 31 Degrees 22 Minutes 15 Seconds East 39.3 feet  
 thence North 34 Degrees 02 Minutes 34 Seconds East 114.5 feet  
 thence North 35 Degrees 54 Minutes 43 Seconds East 179.9 feet  
 thence North 36 Degrees 35 Minutes 47 Seconds East 198.3 feet  
 thence North 36 Degrees 24 Minutes 25 Seconds East 198.6 feet  
 thence North 35 Degrees 47 Minutes 41 Seconds East 212.1 feet  
 thence North 35 Degrees 31 Minutes 05 Seconds East 232 feet  
 thence North 35 Degrees 26 Minutes 10 Seconds East 238.6 feet  
 thence North 35 Degrees 26 Minutes 44 Seconds East 220.1 feet  
 thence North 35 Degrees 44 Minutes 51 Seconds East 218.5 feet  
 thence North 35 Degrees 28 Minutes 38 Seconds East 226.6 feet  
 thence North 34 Degrees 47 Minutes 36 Seconds East 221.9 feet  
 thence North 33 Degrees 33 Minutes 23 Seconds East 185.4 feet  
 thence North 46 Degrees 32 Minutes 38 Seconds East 127.7 feet  
 thence North 70 Degrees 03 Minutes 06 Seconds East 140.8 feet  
 thence North 57 Degrees 21 Minutes 09 Seconds East 121.6 feet  
 thence North 29 Degrees 49 Minutes 46 Seconds East 84.3 feet  
 thence North 04 Degrees 43 Minutes 44 Seconds West 85.6 feet  
 thence North 06 Degrees 01 Minutes 17 Seconds West 96 feet  
 thence North 26 Degrees 09 Minutes 15 Seconds East 104.5 feet

thence North 35 Degrees 31 Minutes 56 Seconds East 134.5 feet  
 thence North 35 Degrees 31 Minutes 05 Seconds East 154.7 feet  
 thence North 36 Degrees 11 Minutes 42 Seconds East 174.8 feet  
 thence North 35 Degrees 37 Minutes 36 Seconds East 177.2 feet  
 thence North 36 Degrees 48 Minutes 12 Seconds East 142.4 feet  
 thence North 33 Degrees 04 Minutes 38 Seconds East 18.5 feet  
 thence North 36 Degrees 32 Minutes 22 Seconds East 3.3 feet  
 thence North 35 Degrees 40 Minutes 49 Seconds East 83.2 feet  
 thence North 35 Degrees 11 Minutes 33 Seconds East 148 feet  
 thence North 35 Degrees 16 Minutes 11 Seconds East 174.8 feet  
 thence North 34 Degrees 40 Minutes 11 Seconds East 187.1 feet  
 thence North 35 Degrees 29 Minutes 55 Seconds East 202.4 feet  
 thence North 35 Degrees 37 Minutes 37 Seconds East 197.9 feet  
 thence North 35 Degrees 34 Minutes 45 Seconds East 70.5 feet  
 thence North 35 Degrees 28 Minutes 16 Seconds East 140.8 feet  
 thence North 34 Degrees 41 Minutes 26 Seconds East 211.6 feet  
 thence North 35 Degrees 27 Minutes 02 Seconds East 224.5 feet  
 thence North 35 Degrees 51 Minutes 08 Seconds East 213.5 feet more or less to **the ending**

**point at:** 38 degrees 54 minutes 26.35 seconds North Latitude and -110 degrees 11 minutes 24.64 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,013,159.9 feet and Y = 6,773,468.1 feet.



## Appendix I to Attachment 4

**Popular Name: LOWER SAN RAFAEL ROAD**

**County: Emery**

**County Road Number: 1010**

**State Geographic Information Database (SGID) Road Identification Number: RD080013.**

**Road-Segment Number: 016**

**Road-Segment Length: 0.14 miles more or less.**

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

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

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

This road-segment may traverse:

Township 22 South Range 16 East, Section(s) 8, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (LOWER SAN RAFAEL ROAD)-- Segment 016 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 38 degrees 54 minutes 46.74 seconds North Latitude and -110 degrees 11 minutes 09.22 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,014,348.1 feet and Y = 6,775,548.2 feet; thence the following courses along the said road center line:

thence North 10 Degrees 14 Minutes 57 Seconds East 202 feet

thence North 10 Degrees 18 Minutes 36 Seconds East 220.4 feet

thence North 10 Degrees 36 Minutes 25 Seconds East 178.2 feet

thence North 09 Degrees 36 Minutes 13 Seconds East 59 feet

thence North 08 Degrees 31 Minutes 17 Seconds East 40.5 feet

thence North 09 Degrees 10 Minutes 55 Seconds East 61.6 feet more or less to **the ending**

**point at:** 38 degrees 54 minutes 54.13 seconds North Latitude and -110 degrees 11 minutes 07.39 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,014,482.0 feet and Y = 6,776,298.0 feet.

## Appendix J to Attachment 4

**Popular Name: LOWER SAN RAFAEL ROAD**  
**County: Emery**  
**County Road Number: 1010**  
**State Geographic Information Database (SGID) Road Identification Number: RD080013.**  
**Road-Segment Number: 018**  
**Road-Segment Length: 0.28 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 22 South Range 16 East, Section(s) 5,8, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (LOWER SAN RAFAEL ROAD)-- Segment 018 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 38 degrees 54 minutes 59.39 seconds North Latitude and -110 degrees 11 minutes 7.4 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,014,473.3 feet and Y = 6,776,829.6 feet; thence the following courses along the said road center line:

thence North 15 Degrees 03 Minutes 06 Seconds West 86.5 feet  
thence North 20 Degrees 46 Minutes 57 Seconds West 212.3 feet  
thence North 24 Degrees 09 Minutes 51 Seconds West 163.3 feet  
thence North 24 Degrees 08 Minutes 10 Seconds West 12.2 feet  
thence North 24 Degrees 25 Minutes 04 Seconds West 61.1 feet  
thence North 23 Degrees 36 Minutes 01 Seconds West 137.9 feet  
thence North 24 Degrees 12 Minutes 08 Seconds West 168.7 feet  
thence North 23 Degrees 13 Minutes 28 Seconds West 105.5 feet  
thence North 23 Degrees 52 Minutes 57 Seconds West 27.9 feet  
thence North 24 Degrees 01 Minutes 10 Seconds West 125.8 feet  
thence North 23 Degrees 53 Minutes 44 Seconds West 168.3 feet

thence North 23 Degrees 43 Minutes 53 Seconds West 146.3 feet  
thence North 23 Degrees 31 Minutes 44 Seconds West 37.5 feet  
thence North 24 Degrees 17 Minutes 34 Seconds West 12.9 feet more or less to **the ending**  
**point at:** 38 degrees 55 minutes 012.8 seconds North Latitude and -110 degrees 11 minutes 14.37 seconds  
West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet  
coordinates of X = 2,013,902.7 feet and Y = 6,778,178.9 feet.

## Appendix K to Attachment 4

**Popular Name: LOWER SAN RAFAEL ROAD**  
**County: Emery**  
**County Road Number: 1010**  
**State Geographic Information Database (SGID) Road Identification Number: RD080013.**  
**Road-Segment Number: 020**  
**Road-Segment Length: 0.83 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 21 South Range 16 East, Section(s) 32, Salt Lake Base & Meridian  
Township 22 South Range 16 East, Section(s) 6, Salt Lake Base & Meridian

The following description closely approximates the location of the centerline of the physical monument (LOWER SAN RAFAEL ROAD)-- Segment 020 based on mapping grade Global Positioning System (GPS) data as defined above:

**Beginning at a point** on the road center line located at 38 degrees 55 minutes 27.26 seconds North Latitude and -110 degrees 11 minutes 24.46 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,013,083.3 feet and Y = 6,779,629.4 feet; thence the following courses along the said road center line:

thence North 42 Degrees 22 Minutes 45 Seconds West 22.5 feet  
thence North 36 Degrees 41 Minutes 10 Seconds West 168.3 feet  
thence North 26 Degrees 03 Minutes 58 Seconds West 192.7 feet  
thence North 24 Degrees 55 Minutes 18 Seconds West 200.3 feet  
thence North 24 Degrees 45 Minutes 57 Seconds West 193.6 feet  
thence North 21 Degrees 33 Minutes 55 Seconds West 191.2 feet  
thence North 04 Degrees 06 Minutes 43 Seconds West 194.1 feet  
thence North 00 Degrees 31 Minutes 16 Seconds West 196.9 feet  
thence North 00 Degrees 34 Minutes 45 Seconds East 41.4 feet  
thence North 02 Degrees 19 Minutes 58 Seconds East 42.4 feet

thence North 02 Degrees 11 Minutes 53 Seconds East 126.5 feet  
thence North 04 Degrees 45 Minutes 32 Seconds East 129.5 feet  
thence North 07 Degrees 31 Minutes 23 Seconds East 172.9 feet  
thence North 06 Degrees 41 Minutes 16 Seconds East 196.1 feet  
thence North 04 Degrees 30 Minutes 31 Seconds East 62.3 feet  
thence North 05 Degrees 19 Minutes 45 Seconds East 36.6 feet  
thence North 03 Degrees 57 Minutes 17 Seconds East 114.2 feet  
thence North 01 Degrees 46 Minutes 49 Seconds East 133.7 feet  
thence North 02 Degrees 25 Minutes 35 Seconds East 88.7 feet  
thence North 02 Degrees 21 Minutes 50 Seconds East 27.9 feet  
thence North 02 Degrees 15 Minutes 54 Seconds East 116 feet  
thence North 01 Degrees 17 Minutes 44 Seconds East 150.4 feet  
thence North 00 Degrees 01 Minutes 01 Seconds East 162.5 feet  
thence North 00 Degrees 18 Minutes 57 Seconds East 174.6 feet  
thence North 04 Degrees 53 Minutes 31 Seconds East 183.9 feet  
thence North 09 Degrees 28 Minutes 07 Seconds East 192.8 feet  
thence North 09 Degrees 32 Minutes 38 Seconds East 195.2 feet  
thence North 09 Degrees 41 Minutes 41 Seconds East 192.3 feet  
thence North 09 Degrees 53 Minutes 37 Seconds East 186.8 feet  
thence North 09 Degrees 47 Minutes 26 Seconds East 173.7 feet  
thence North 10 Degrees 50 Minutes 37 Seconds East 27.1 feet  
thence North 12 Degrees 31 Minutes 03 Seconds East 95.9 feet more or less to **the ending**

**point at:** 38 degrees 56 minutes 09.31 seconds North Latitude and -110 degrees 11 minutes 25.63 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of X = 2,012,928.5 feet and Y = 6,783,882.1 feet.