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

## THE STATE OF UTAH

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

Know ye, This is an Amended Acknowledgment and Amended Notice of Acknowledgment made under Utah Code Sections 72-5-309 through 310 inclusive, that the grant of the United States of America of "the right of way for the construction of highways over public lands, not reserved for public uses" under United States Revised Statutes 2477 (43 U.S.C. Section 932 (repealed October 21, 1976, with proviso recognizing the validity of rights-of-way already established)) was accepted for and on behalf of the State of Utah and its political subdivision Uintah County as it pertains to the highway located in Uintah County known as Willow Creek Road; County Road Number: 5120; State Geographic Information Database (SGID) Road Identification Number: RD243350. Total road length is 35.12 miles more or less.

This Amended Acknowledgment and Amended Notice of Acknowledgment supersedes the information contained in the Acknowledgment recorded at Ent 2007003119, Bk 1022, Beg Pg 392.

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

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

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

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

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Entry 2007014438
Bnok 1069 Page 424
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An electronic copy of this Amended Acknowledgment and Amended Notice of Acknowledgment, together with its Attachments and Appendices, may be viewed and/or downloaded as read-only PDF (Portable Document Format) files via the Internet at http://recorded2477roads.utah.gov.

The owner of the servient estate in the land underlying the road-segments subject to this Amended Acknowledgment and Amended Notice is believed to be the United States of America through one or more of its agencies. Any of such agencies or any other person with a servient ownership claim or a competing dominant estate right-of-way ownership claim, may file a petition in the State District Court for Salt Lake County for a decision regarding the correctness of this Amended Acknowledgment. A claimant shall file a petition within sixty (60) days after receipt of this Notice.

In Witness Whereof, I, John Harja, the official designee of the Governor of the State of Utah, in conformity to the laws of the State (Utah Code Sections 72-5-308 through 310 inclusive), have caused this Amended Acknowledgment and Amended Notice of Acknowledgment to be made.

Signed by my hand in Salt Lake City, Utah, the fth day of December, 2007.
By the Governor's Designee


## CERTIFICATION

| State of Utah | ) |
| :--- | :--- |
| County of Salt Lake | ) |

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


Dated this th day of December 200 I.



Land Ownership Categories

## BLM

Private

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



## Willow Creek Road - Uintah County <br> SGID RD_ID RD243350

| Wilderness |  | Willow Creek Road |
| :--- | :---: | :--- |
| UDWR Wildlife Reserve |  | Title V: Issued Or Under <br> Consideration By BLM |
| DOD, Military |  | Or County |
| State Sovereign Land | - | Other Roads |
| National Recreation Area | 0 | Photo Event Point |
| USFWS, Natl. Wildlife Refuge | $\ldots$. |  |
|  | $\ldots .$. | Section $=1$ Mile |

Map prepared by the State of Utah Automated Geographic Reference Center Room 5130 State Office Building Salt Lake City, Utah 84114 Nov 08, 2006
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EP243350025

## Willow Creek Road - Uintah County

SGID RD_ID RD243350
Map prepared by the State of Utah
Automated Geographic Reference Center
Room 5130 State Office Building Room 5130 State Office Building

Salt Lake City, Utah 841

## Attachment 3

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

## Popular Name: Willow Creek Road

## County: Uintah

County Road Number: 5120
State Geographic Information Database (SGID) Road Identification Number: RD243350.
Total Road Length: $\mathbf{3 5 . 1 2}$ miles more or less.
Beginning at a point on the road centerline located at 39 degrees 35 minutes 10.81 seconds North Latitude and -109 degrees 34 minutes 20.58 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,183,616.0$ feet and Y $=7,023,905.1$ feet based on the US Survey Foot conversion.

Ending at a point on the road centerline located at 39 degrees 57 minutes 20.99 seconds North Latitude and -109 degrees 39 minutes 25.39 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,156,987.0$ feet and $\mathrm{Y}=$ 7,157,957.4 feet based on the US Survey Foot conversion.

This road may traverse:
Township 10 South Range 20 East, Section(s) $10,15,22,27,28,33$, Salt Lake Base \& Meridian Township 11 South Range 20 East, Section(s) 2,3,11,12,13,24, Salt Lake Base \& Meridian Township 11 South Range 21 East, Section(s) 19,30,31, Salt Lake Base \& Meridian Township 12 South Range 20 East, Section(s) 12,13, Salt Lake Base \& Meridian Township 12 South Range 21 East, Section(s) 6,7,18,19,29,30,32,33,34, Salt Lake Base \& Meridian Township 13 South Range 21 East, Section(s) 3,10,11,15,22,27,34, Salt Lake Base \& Meridian Township 14 South Range 21 East, Section(s) 3,4,9,10,16,21, 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: Willow Creek Road

County: Uintah
County Road Number: 5120
State Geographic Information Database (SGID) Road Identification Number: RD243350.
Total Road Length: $\mathbf{3 5 . 1 2}$ miles more or less.

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

| Road-Segments Listed by SGID Road Identification Number (RD ID) | Road-Segment Numbers | Believed Ownership Of Servient Estate | $\begin{aligned} & \text { Approximate } \\ & \text { Segment } \\ & \text { Length } \end{aligned}$ | See Attached Appendix |
| :---: | :---: | :---: | :---: | :---: |
| RD243350 | 001 | ST | 1.91 Miles | (not shown) |
| RD243350 | 002 | BLM | 0.02 Miles | A |
| RD243350 | 003 | ST | 0.35 Miles | (not shown) |
| RD243350 | 004 | BLM | 0.05 Miles | B |
| RD243350 | 005 | ST | 0.65 Miles | (not shown) |
| RD243350 | 006 | BLM | 0.13 Miles | C |
| RD243350 | 007 | ST | 1.49 Miles | (not shown) |
| RD243350 | 008 | BLM | 0.09 Miles | D |
| RD243350 | 009 | ST | 0.91 Miles | (not shown) |
| RD243350 | 010 | BLM | 0.19 Miles | E |
| RD243350 | 011 | PVT | 0.26 Miles | (not shown) |
| RD243350 | 012 | BLM | 0.25 Miles | F |
| RD243350 | 013 | PVT | 0.25 Miles | (not shown) |
| RD243350 | 014 | BLM | 0.31 Miles | G |
| RD243350 | 015 | PVT | 1.32 Miles | (not shown) |
| RD243350 | 016 | ST | 0.27 Miles | (not shown) |
| RD243350 | 017 | BLM | 0.23 Miles | H |
| RD243350 | 018 | ST | 0.77 Miles | (not shown) |
| RD243350 | 019 | BLM | 0.05 Miles | I |
| RD243350 | 020 | PVT | 0.36 Miles | (not shown) |
| RD243350 | 021 | BLM | 0.11 Miles | J |
| RD243350 | 022 | PVT | 1.01 Miles | (not shown) |
| RD243350 | 023 | BLM | 0.26 Miles | K |
| RD243350 | 024 | PVT | 0.04 Miles | (not shown) |


| RD243350 | 025 | BLM | 0.04 Miles | L |
| :---: | :---: | :---: | :---: | :---: |
| RD243350 | 026 | Tribal | 0.1 Miles | (not shown) |
| RD243350 | 027 | BLM | 0.23 Miles | M |
| RD243350 | 028 | Tribal | 0.33 Miles | (not shown) |
| RD243350 | 029 | BLM | 0.21 Miles | N |
| RD243350 | 030 | Tribal | 0.03 Miles | (not shown) |
| RD243350 | 031 | BLM | 0.37 Miles | 0 |
| RD243350 | 032 | Tribal | 0.03 Miles | (not shown) |
| RD243350 | 033 | BLM | 0.39 Miles | P |
| RD243350 | 034 | Tribal | 0.01 Miles | (not shown) |
| RD243350 | 035 | BLM | 0.25 Miles | Q |
| RD243350 | 036 | Tribal | 0.04 Miles | (not shown) |
| RD243350 | 037 | BLM | 0.1 Miles | R |
| RD243350 | 038 | Tribal | 0.25 Miles | (not shown) |
| RD243350 | 039 | BLM | 0.03 Miles | S |
| RD243350 | 040 | Tribal | 0.57 Miles | (not shown) |
| RD243350 | 041 | BLM | 0.11 Miles | T |
| RD243350 | 042 | Tribal | 0.1 Miles | (not shown) |
| RD243350 | 043 | BLM | 0.04 Miles | U |
| RD243350 | 044 | Tribal | 0.03 Miles | (not shown) |
| RD243350 | 045 | BLM | 0.33 Miles | V |
| RD243350 | 046 | Tribal | 0.19 Miles | (not shown) |
| RD243350 | 047 | BLM | 0.17 Miles | W |
| RD243350 | 048 | Tribal | 0.04 Miles | (not shown) |
| RD243350 | 049 | BLM | 0.03 Miles | X |
| RD243350 | 050 | Tribal | 0.14 Miles | (not shown) |
| RD243350 | 051 | BLM | 0.53 Miles | Y |
| RD243350 | 052 | Tribal | 0.05 Miles | (not shown) |
| RD243350 | 053 | BLM | 0.19 Miles | Z |
| RD243350 | 054 | ST | 0.02 Miles | (not shown) |
| RD243350 | 055 | BLM | 0.39 Miles | AA |
| RD243350 | 056 | Tribal | 0.47 Miles | (not shown) |
| RD243350 | 057 | BLM | 0.61 Miles | AB |
| RD243350 | 058 | Tribal | 0.51 Miles | (not shown) |
| RD243350 | 059 | BLM | 0.06 Miles | AC |
| RD243350 | 060 | Tribal | 0.11 Miles | (not shown) |
| RD243350 | 061 | PVT | 0.27 Miles | (not shown) |
| RD243350 | 062 | Tribal | 0.82 Miles | (not shown) |
| RD243350 | 063 | BLM | 0.23 Miles | AD |
| RD243350 | 064 | Tribal | 0.98 Miles | (not shown) |
| RD243350 | 065 | BLM | 0.13 Miles | AE |
| RD243350 | 066 | PVT | 0.43 Miles | (not shown) |
| RD243350 | 067 | Tribal | 0.36 Miles | (not shown) |
| RD243350 | 068 | BLM | 0.84 Miles | AF |
| RD243350 | 069 | Tribal | 0.39 Miles | (not shown) |

Entry 2007014438
Bowk 1069 Page 430

| RD243350 | 070 | BLM | 0.51 Miles | AG |
| :---: | :---: | :---: | :---: | :---: |
| RD243350 | 071 | Tribal | 0.86 Miles | (not shown) |
| RD243350 | 072 | BLM | 0.27 Miles | AH |
| RD243350 | 073 | Tribal | 0.4 Miles | (not shown) |
| RD243350 | 074 | BLM | 0.29 Miles | AI |
| RD243350 | 075 | Tribal | 0.02 Miles | (not shown) |
| RD243350 | 076 | BLM | 0.03 Miles | AJ |
| RD243350 | 077 | Tribal | 0.26 Miles | (not shown) |
| RD243350 | 078 | BLM | 0.33 Miles | AK |
| RD243350 | 079 | Tribal | 0.47 Miles | (not shown) |
| RD243350 | 080 | BLM | 0.36 Miles | AL |
| RD243350 | 081 | PVT | 0.25 Miles | (not shown) |
| RD243350 | 082 | BLM | 0.31 Miles | AM |
| RD243350 | 083 | PVT | 0.55 Miles | (not shown) |
| RD243350 | 084 | BLM | 0.18 Miles | AN |
| RD243350 | 085 | PVT | 0.22 Miles | (not shown) |
| RD243350 | 086 | BLM | 0.14 Miles | AO |
| RD243350 | 087 | Tribal | 0.29 Miles | (not shown) |
| RD243350 | 088 | BLM | 0.01 Miles | AP |
| RD243350 | 089 | Tribal | 0.4 Miles | (not shown) |
| RD243350 | 090 | ST | 0.71 Miles | (not shown) |
| RD243350 | 091 | BLM | 0.35 Miles | AQ |
| RD243350 | 092 | PVT | 0.32 Miles | (not shown) |
| RD243350 | 093 | Tribal | 1.59 Miles | (not shown) |
| RD243350 | 094 | PVT | 0.53 Miles | (not shown) |
| RD243350 | 095 | Tribal | 2.68 Miles | (not shown) |
|  |  | Total Road Length | 35.12 |  |

* Indicates that a Title V permit will be requested, is in process, or has been issued.
$\dagger$ Indicates that road-segments crossing Forest Service land are under consideration by the state and county as of the date of this Amended Acknowledgment and Amended Notice of Acknowledgment.


## Appendix A to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 002<br>Road-Segment Length: 0.02 miles more or less.<br>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 14 South Range 21 East, Section(s) 9, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 002 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 36 minutes 24.74 seconds North Latitude and - 109 degrees 34 minutes 01.98 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,184,910.2$ feet and Y $=7,031,414.4$ feet; thence the following courses along the said road center line:
thence North 20 Degrees 25 Minutes 11 Seconds West 57.3 feet
thence North 24 Degrees 50 Minutes 15 Seconds West 45.1 feet more or less to the ending point at: 39 degrees 36 minutes 25.68 seconds North Latitude and -109 degrees 34 minutes 02.45 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,184,871.3$ feet and $\mathrm{Y}=7,031,509.0$ feet.

## Appendix B to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 004<br>Road-Segment Length: 0.05 miles more or less.<br>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 14 South Range 21 East, Section(s) 9, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 004 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 36 minutes 35.74 seconds North Latitude and -109 degrees 34 minutes 019.3 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,183,530.8$ feet and Y $=7,032,498.6$ feet; thence the following courses along the said road center line:
thence North 48 Degrees 20 Minutes 14 Seconds West 4.4 feet thence North 42 Degrees 07 Minutes 29 Seconds West 37.4 feet thence North 33 Degrees 20 Minutes 54 Seconds West 7.8 feet thence North 33 Degrees 20 Minutes 54 Seconds West 7.8 feet thence North 28 Degrees 30 Minutes 11 Seconds West 10.4 feet thence North 17 Degrees 51 Minutes 00 Seconds West 13.1 feet thence North 11 Degrees 38 Minutes 03 Seconds West 13.4 feet thence North 01 Degrees 47 Minutes 35 Seconds West 12.8 feet thence North 06 Degrees 11 Minutes 43 Seconds East 23.1 feet thence North 19 Degrees 52 Minutes 31 Seconds East 74.1 feet thence North 27 Degrees 10 Minutes 06 Seconds East 36.2 feet more or less to the ending
point at: 39 degrees 36 minutes 37.88 seconds North Latitude and -109 degrees 34 minutes 19.31 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,183,526.0$ feet and $\mathrm{Y}=7,032,714.8$ feet.

## Appendix C to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 006<br>Road-Segment Length: 0.13 miles more or less.<br>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 14 South Range 21 East, Section(s) 9, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 006 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 37 minutes 03.84 seconds North Latitude and - 109 degrees 34 minutes 09.37 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,184,247.0$ feet and Y $=7,035,357.4$ feet; thence the following courses along the said road center line:
thence North 32 Degrees 01 Minutes 23 Seconds East 35 feet
thence North 29 Degrees 25 Minutes 13 Seconds East 34.4 feet
thence North 32 Degrees 55 Minutes 21 Seconds East 35.3 feet
thence North 40 Degrees 30 Minutes 32 Seconds East 35.1 feet
thence North 44 Degrees 18 Minutes 04 Seconds East 35.5 feet
thence North 47 Degrees 38 Minutes 57 Seconds East 35.8 feet
thence North 49 Degrees 07 Minutes 52 Seconds East 35.8 feet
thence North 49 Degrees 39 Minutes 43 Seconds East 34.7 feet
thence North 50 Degrees 34 Minutes 54 Seconds East 33.8 feet
thence North 50 Degrees 01 Minutes 07 Seconds East 32.4 feet
thence North 50 Degrees 50 Minutes 05 Seconds East 32.4 feet
thence North 51 Degrees 53 Minutes 59 Seconds East 33.2 feet thence North 52 Degrees 55 Minutes 19 Seconds East 32.4 feet thence North 54 Degrees 25 Minutes 41 Seconds East 30.1 feet thence North 64 Degrees 37 Minutes 04 Seconds East 27.9 feet thence North 74 Degrees 49 Minutes 48 Seconds East 28.2 feet thence North 82 Degrees 53 Minutes 12 Seconds East 27.8 feet thence North 87 Degrees 42 Minutes 02 Seconds East 28.6 feet thence North 89 Degrees 40 Minutes 32 Seconds East 29.9 feet thence South 88 Degrees 29 Minutes 46 Seconds East 30.9 feet thence North 88 Degrees 16 Minutes 42 Seconds East 26.9 feet more or less to the ending point at: 39 degrees 37 minutes 07.24 seconds North Latitude and -109 degrees 34 minutes 02.49 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,184,777.9$ feet and $\mathrm{Y}=7,035,713.1$ feet.

## Appendix D to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 008<br>Road-Segment Length: 0.09 miles more or less.<br>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 14 South Range 21 East, Section(s) 4, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek 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 39 degrees 37 minutes 53.04 seconds North Latitude and - 109 degrees 33 minutes 45.63 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,185,996.4$ feet and Y $=7,040,373.9$ feet; thence the following courses along the said road center line:
thence North 45 Degrees 05 Minutes 21 Seconds West 113.2 feet thence North 10 Degrees 51 Minutes 47 Seconds West 14.4 feet thence North 06 Degrees 31 Minutes 39 Seconds West 15.2 feet thence North 03 Degrees 26 Minutes 46 Seconds West 18.1 feet thence North 03 Degrees 54 Minutes 01 Seconds West 21 feet thence North 16 Degrees 58 Minutes 35 Seconds East 21 feet thence North 00 Degrees 25 Minutes 47 Seconds East 24.9 feet thence North 01 Degrees 09 Minutes 15 Seconds West 22.6 feet thence North 05 Degrees 40 Minutes 47 Seconds West 21.1 feet thence North 06 Degrees 58 Minutes 42 Seconds West 19.8 feet thence North 05 Degrees 20 Minutes 13 Seconds West 18.8 feet
thence North 00 Degrees 43 Minutes 03 Seconds East 18 feet thence North 10 Degrees 33 Minutes 41 Seconds East 17.4 feet thence North 22 Degrees 03 Minutes 21 Seconds East 18.1 feet thence North 37 Degrees 43 Minutes 22 Seconds East 19.2 feet thence North 53 Degrees 10 Minutes 28 Seconds East 20.4 feet thence North 61 Degrees 59 Minutes 41 Seconds East 22.6 feet thence North 66 Degrees 22 Minutes 15 Seconds East 23.2 feet more or less to the ending point at: 39 degrees 37 minutes 56.74 seconds North Latitude and -109 degrees 33 minutes 45.63 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $X=2,185,988.4$ feet and $Y=7,040,748.2$ feet.

## Appendix E to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 010<br>Road-Segment Length: 0.19 miles more or less.<br>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 13 South Range 21 East, Section(s) 34, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek 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 39 degrees 38 minutes 022.2 seconds North Latitude and -109 degrees 33 minutes 39.28 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,186,428.6$ feet and Y $=7,043,334.1$ feet; thence the following courses along the said road center line:
thence North 27 Degrees 39 Minutes 19 Seconds East 23.8 feet thence North 30 Degrees 08 Minutes 29 Seconds East 32.4 feet thence North 30 Degrees 56 Minutes 23 Seconds East 32.2 feet thence North 32 Degrees 22 Minutes 31 Seconds East 31.6 feet thence North 32 Degrees 40 Minutes 25 Seconds East 30.1 feet thence North 32 Degrees 15 Minutes 00 Seconds East 28 feet thence North 32 Degrees 58 Minutes 10 Seconds East 26.3 feet thence North 41 Degrees 14 Minutes 32 Seconds East 23.2 feet thence North 36 Degrees 32 Minutes 45 Seconds East 23 feet thence North 40 Degrees 27 Minutes 42 Seconds East 22.1 feet thence North 44 Degrees 02 Minutes 47 Seconds East 21.1 feet
thence North 35 Degrees 53 Minutes 07 Seconds East 22.8 feet thence North 49 Degrees 16 Minutes 34 Seconds East 20.3 feet thence North 54 Degrees 36 Minutes 08 Seconds East thence North 60 Degrees 43 Minutes 30 Seconds East thence North 66 Degrees 37 Minutes 29 Seconds East thence North 70 Degrees 29 Minutes 49 Seconds East thence North 79 Degrees 16 Minutes 06 Seconds East thence North 83 Degrees 05 Minutes 38 Seconds East thence North 88 Degrees 33 Minutes 09 Seconds East thence South 82 Degrees 30 Minutes 31 Seconds East thence South 78 Degrees 47 Minutes 21 Seconds East thence South 80 Degrees 27 Minutes 29 Seconds East thence South 83 Degrees 02 Minutes 56 Seconds East thence South 82 Degrees 33 Minutes 31 Seconds East thence South 85 Degrees 07 Minutes 46 Seconds East thence North 88 Degrees 20 Minutes 37 Seconds East thence North 79 Degrees 30 Minutes 01 Seconds East thence North 70 Degrees 01 Minutes 20 Seconds East thence North 62 Degrees 34 Minutes 49 Seconds East thence North 55 Degrees 06 Minutes 48 Seconds East thence North 52 Degrees 36 Minutes 10 Seconds East thence North 51 Degrees 48 Minutes 03 Seconds East thence North 53 Degrees 47 Minutes 38 Seconds East thence North 57 Degrees 07 Minutes 33 Seconds East thence North 62 Degrees 12 Minutes 05 Seconds East thence North 67 Degrees 52 Minutes 28 Seconds East thence North 72 Degrees 39 Minutes 19 Seconds East thence North 80 Degrees 35 Minutes 08 Seconds East thence South 89 Degrees 15 Minutes 46 Seconds East thence South 83 Degrees 04 Minutes 14 Seconds East thence South 76 Degrees 45 Minutes 12 Seconds East thence South 71 Degrees 53 Minutes 20 Seconds East thence South 70 Degrees 47 Minutes 14 Seconds East thence South 68 Degrees 40 Minutes 46 Seconds East thence South 67 Degrees 53 Minutes 53 Seconds East thence South 67 Degrees 27 Minutes 00 Seconds East thence South 65 Degrees 12 Minutes 32 Seconds East thence South 64 Degrees 07 Minutes 25 Seconds East thence South 61 Degrees 11 Minutes 22 Seconds East 22.9 feet more or less to the ending point at: 39 degrees 38 minutes 25.12 seconds North Latitude and -109 degrees 33 minutes 28.84 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,187,238.9$ feet and $\mathrm{Y}=7,043,648.1$ feet.

## Appendix F to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 012<br>Road-Segment Length: 0.25 miles more or less.<br>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 13 South Range 21 East, Section(s) 34, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 012 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 38 minutes 31.54 seconds North Latitude and - 109 degrees 33 minutes 28.84 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,187,224.7$ feet and Y $=7,044,297.3$ feet; thence the following courses along the said road center line:
thence North 52 Degrees 37 Minutes 46 Seconds West 9.1 feet thence North 51 Degrees 22 Minutes 41 Seconds West 30.8 feet thence North 52 Degrees 43 Minutes 04 Seconds West 30.6 feet thence North 50 Degrees 40 Minutes 47 Seconds West 29.8 feet thence North 47 Degrees 03 Minutes 34 Seconds West 30.6 feet thence North 40 Degrees 35 Minutes 45 Seconds West 31 feet thence North 32 Degrees 31 Minutes 10 Seconds West 31.4 feet thence North 24 Degrees 17 Minutes 10 Seconds West 32.3 feet thence North 42 Degrees 25 Minutes 57 Seconds West 23 feet thence North 30 Degrees 23 Minutes 32 Seconds West 28.8 feet thence North 38 Degrees 40 Minutes 10 Seconds West 28 feet
thence North 45 Degrees 48 Minutes 48 Seconds West 27.1 feet thence North 52 Degrees 05 Minutes 24 Seconds West 27.6 feet thence North 54 Degrees 23 Minutes 43 Seconds West 28 feet thence North 52 Degrees 47 Minutes 43 Seconds West 28.5 feet thence North 47 Degrees 12 Minutes 06 Seconds West 28.3 feet thence North 40 Degrees 02 Minutes 33 Seconds West 27.7 feet thence North 33 Degrees 49 Minutes 08 Seconds West 26.8 feet thence North 21 Degrees 08 Minutes 41 Seconds West 24.9 feet thence North 21 Degrees 14 Minutes 54 Seconds West 23.9 feet thence North 09 Degrees 30 Minutes 45 Seconds West 22.6 feet thence North 01 Degrees 07 Minutes 10 Seconds West 23.6 feet thence North 12 Degrees 51 Minutes 09 Seconds West 24.2 feet thence North 11 Degrees 29 Minutes 19 Seconds West 25.4 feet thence North 19 Degrees 26 Minutes 36 Seconds West 26 feet thence North 26 Degrees 53 Minutes 20 Seconds West 26.4 feet thence North 27 Degrees 12 Minutes 07 Seconds West 26.9 feet thence North 06 Degrees 39 Minutes 50 Seconds West 26.7 feet thence North 21 Degrees 59 Minutes 23 Seconds West 25.8 feet thence North 13 Degrees 47 Minutes 20 Seconds West 24 feet thence North 02 Degrees 44 Minutes 36 Seconds West 23.3 feet thence North 10 Degrees 20 Minutes 45 Seconds East 23 feet thence North 25 Degrees 08 Minutes 22 Seconds East 22.9 feet thence North 36 Degrees 22 Minutes 44 Seconds East 22.5 feet thence North 45 Degrees 52 Minutes 10 Seconds East 22.3 feet thence North 51 Degrees 57 Minutes 04 Seconds East 22 feet thence North 56 Degrees 13 Minutes 22 Seconds East 22 feet thence North 59 Degrees 36 Minutes 27 Seconds East 21.6 feet thence North 61 Degrees 55 Minutes 03 Seconds East 21.1 feet thence North 63 Degrees 52 Minutes 48 Seconds East 21.9 feet thence North 64 Degrees 33 Minutes 40 Seconds East 23.2 feet thence North 63 Degrees 48 Minutes 35 Seconds East 24.1 feet thence North 60 Degrees 46 Minutes 01 Seconds East 25.1 feet thence North 61 Degrees 22 Minutes 31 Seconds East 24.2 feet thence North 58 Degrees 10 Minutes 18 Seconds East 23.9 feet thence North 59 Degrees 55 Minutes 52 Seconds East 23.8 feet thence North 59 Degrees 15 Minutes 01 Seconds East 24 feet thence North 60 Degrees 32 Minutes 30 Seconds East 22.9 feet thence North 63 Degrees 28 Minutes 33 Seconds East 23 feet thence North 62 Degrees 22 Minutes 35 Seconds East 22.9 feet thence North 62 Degrees 43 Minutes 26 Seconds East 21.7 feet thence North 57 Degrees 45 Minutes 18 Seconds East 23.6 feet thence North 55 Degrees 07 Minutes 39 Seconds East 24.3 feet more or less to the ending point at: 39 degrees 38 minutes 40.94 seconds North Latitude and -109 degrees 33 minutes 28.85 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,187,203.6$ feet and $\mathrm{Y}=7,045,247.8$ feet.

## Appendix G to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 014<br>Road-Segment Length: 0.31 miles more or less.<br>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 13 South Range 21 East, Section(s) 27,34, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 014 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 38 minutes 51.27 seconds North Latitude and - 109 degrees 33 minutes 28.88 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,187,178.7$ feet and Y $=7,046,292.4$ feet; thence the following courses along the said road center line:
thence North 73 Degrees 56 Minutes 03 Seconds West 11.6 feet thence North 72 Degrees 28 Minutes 24 Seconds West 20.3 feet thence North 72 Degrees 42 Minutes 40 Seconds West 21.7 feet thence North 75 Degrees 04 Minutes 07 Seconds West 22.4 feet thence North 75 Degrees 08 Minutes 16 Seconds West 23.8 feet thence North 72 Degrees 38 Minutes 21 Seconds West 23.8 feet thence North 68 Degrees 31 Minutes 20 Seconds West 24.7 feet thence North 65 Degrees 04 Minutes 59 Seconds West 25.4 feet thence North 63 Degrees 45 Minutes 31 Seconds West 26.4 feet thence North 60 Degrees 34 Minutes 44 Seconds West 26.5 feet thence North 58 Degrees 10 Minutes 17 Seconds West 27.1 feet
thence North 53 Degrees 10 Minutes 37 Seconds West 27.2 feet thence North 49 Degrees 43 Minutes 20 Seconds West 27.2 feet thence North 46 Degrees 19 Minutes 43 Seconds West 26.5 feet thence North 42 Degrees 18 Minutes 39 Seconds West 26.5 feet thence North 37 Degrees 53 Minutes 32 Seconds West 26.9 feet thence North 32 Degrees 37 Minutes 52 Seconds West 26.4 feet thence North 27 Degrees 12 Minutes 06 Seconds West 26.9 feet thence North 21 Degrees 36 Minutes 36 Seconds West 27.1 feet thence North 17 Degrees 05 Minutes 10 Seconds West 28.4 feet thence North 14 Degrees 40 Minutes 23 Seconds West 29.1 feet thence North 15 Degrees 00 Minutes 00 Seconds West 28.5 feet thence North 14 Degrees 21 Minutes 36 Seconds West 28.4 feet thence North 11 Degrees 38 Minutes 01 Seconds West 28.4 feet thence North 10 Degrees 59 Minutes 02 Seconds West 28.4 feet thence North 09 Degrees 19 Minutes 56 Seconds West 27.2 feet thence North 06 Degrees 15 Minutes 19 Seconds West 25.4 feet thence North 06 Degrees 44 Minutes 33 Seconds West 26.4 feet thence North 05 Degrees 27 Minutes 07 Seconds West 25.7 feet thence North 03 Degrees 15 Minutes 33 Seconds West 25.6 feet thence North 01 Degrees 47 Minutes 33 Seconds West 25.6 feet thence North 00 Degrees 25 Minutes 13 Seconds East 25.3 feet thence North 03 Degrees 17 Minutes 51 Seconds East 26 feet thence North 06 Degrees 25 Minutes 47 Seconds East 25.1 feet thence North 10 Degrees 41 Minutes 58 Seconds East 25.7 feet thence North 13 Degrees 42 Minutes 44 Seconds East 25.7 feet thence North 15 Degrees 31 Minutes 09 Seconds East 25.2 feet thence North 15 Degrees 50 Minutes 26 Seconds East 23.6 feet thence North 14 Degrees 42 Minutes 50 Seconds East 22.8 feet thence North 14 Degrees 07 Minutes 13 Seconds East 22.4 feet thence North 18 Degrees 23 Minutes 16 Seconds East 21.5 feet thence North 15 Degrees 44 Minutes 10 Seconds East 22.5 feet thence North 16 Degrees 32 Minutes 04 Seconds East 22.6 feet thence North 18 Degrees 22 Minutes 30 Seconds East 22.5 feet thence North 18 Degrees 53 Minutes 20 Seconds East 22.9 feet thence North 22 Degrees 06 Minutes 07 Seconds East 22.4 feet thence North 27 Degrees 23 Minutes 41 Seconds East 21.9 feet thence North 28 Degrees 59 Minutes 10 Seconds East 21.4 feet thence North 29 Degrees 52 Minutes 04 Seconds East 20.9 feet thence North 29 Degrees 32 Minutes 06 Seconds East 20.4 feet thence North 30 Degrees 01 Minutes 10 Seconds East 15.6 feet thence North 30 Degrees 38 Minutes 24 Seconds East 3.8 feet thence North 30 Degrees 08 Minutes 30 Seconds East 19.4 feet thence North 30 Degrees 08 Minutes 30 Seconds East 19.4 feet thence North 29 Degrees 11 Minutes 15 Seconds East 20 feet thence North 30 Degrees 47 Minutes 55 Seconds East 20.3 feet thence North 28 Degrees 59 Minutes 10 Seconds East 21.4 feet thence North 32 Degrees 24 Minutes 41 Seconds East 21.8 feet thence North 34 Degrees 48 Minutes 37 Seconds East 21.7 feet thence North 33 Degrees 06 Minutes 58 Seconds East 20.8 feet
thence North 44 Degrees 02 Minutes 47 Seconds East 21.1 feet thence North 47 Degrees 45 Minutes 13 Seconds East 21.6 feet thence North 54 Degrees 02 Minutes 11 Seconds East 21.4 feet thence North 59 Degrees 29 Minutes 04 Seconds East 20.9 feet thence North 64 Degrees 19 Minutes 48 Seconds East 20.7 feet thence North 67 Degrees 42 Minutes 06 Seconds East 20.2 feet thence North 73 Degrees 04 Minutes 09 Seconds East 19.5 feet thence North 76 Degrees 49 Minutes 42 Seconds East 19.2 feet thence North 78 Degrees 33 Minutes 47 Seconds East 18.7 feet thence North 77 Degrees 57 Minutes 04 Seconds East 17.8 feet more or less to the ending point at: 39 degrees 39 minutes 03.55 seconds North Latitude and -109 degrees 33 minutes 028.9 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,187,150.0$ feet and $\mathrm{Y}=7,047,534.9$ feet.

## Appendix H to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 017<br>Road-Segment Length: 0.23 miles more or less.<br>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 13 South Range 21 East, Section(s) 27, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 017 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 39 minutes 40.47 seconds North Latitude and - 109 degrees 33 minutes 25.83 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,187,308.4$ feet and Y $=7,051,274.8$ feet; thence the following courses along the said road center line:
thence North 30 Degrees 38 Minutes 24 Seconds East 3.8 feet
thence North 30 Degrees 44 Minutes 53 Seconds East 29.9 feet
thence North 34 Degrees 27 Minutes 15 Seconds East 28.8 feet
thence North 37 Degrees 29 Minutes 31 Seconds East 27.8 feet
thence North 39 Degrees 54 Minutes 46 Seconds East 27.9 feet
thence North 42 Degrees 42 Minutes 05 Seconds East 26.9 feet
thence North 43 Degrees 39 Minutes 12 Seconds East 26 feet
thence North 48 Degrees 59 Minutes 32 Seconds East 24.7 feet
thence North 53 Degrees 46 Minutes 00 Seconds East 23.5 feet
thence North 56 Degrees 53 Minutes 31 Seconds East 23 feet
thence North 60 Degrees 02 Minutes 17 Seconds East 21.9 feet
thence North 63 Degrees 31 Minutes 46 Seconds East 20.1 feet thence North 65 Degrees 48 Minutes 58 Seconds East 18.7 feet thence North 65 Degrees 36 Minutes 03 Seconds East 16.9 feet thence North 67 Degrees 09 Minutes 21 Seconds East 14.6 feet thence North 64 Degrees 23 Minutes 55 Seconds East 13.1 feet thence North 64 Degrees 33 Minutes 41 Seconds East 11.6 feet thence North 60 Degrees 08 Minutes 15 Seconds East 11.3 feet thence North 61 Degrees 11 Minutes 39 Seconds East 35.1 feet thence North 70 Degrees 06 Minutes 23 Seconds East 120.5 feet thence North 77 Degrees 56 Minutes 44 Seconds East 122.7 feet thence North 80 Degrees 41 Minutes 43 Seconds East 115.6 feet thence North 86 Degrees 15 Minutes 18 Seconds East 121 feet thence South 87 Degrees 29 Minutes 21 Seconds East 33.2 feet thence South 70 Degrees 14 Minutes 55 Seconds East 105.2 feet thence South 57 Degrees 44 Minutes 16 Seconds East 37.8 feet thence South 56 Degrees 46 Minutes 06 Seconds East 38.6 feet thence South 58 Degrees 02 Minutes 52 Seconds East 36.9 feet thence South 60 Degrees 22 Minutes 40 Seconds East 34.8 feet thence South 57 Degrees 23 Minutes 28 Seconds East 34.4 feet thence South 55 Degrees 11 Minutes 21 Seconds East 10.8 feet more or less to the ending point at: 39 degrees 39 minutes 42.26 seconds North Latitude and -109 degrees 33 minutes 12.09 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,188,379.2$ feet and $\mathrm{Y}=7,051,479.0$ feet.

## Appendix I to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 019<br>Road-Segment Length: 0.05 miles more or less.<br>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 13 South Range 21 East, Section(s) 22, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 019 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 40 minutes 06.22 seconds North Latitude and - 109 degrees 32 minutes 55.26 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,189,642.1$ feet and Y $=7,053,930.7$ feet; thence the following courses along the said road center line:
thence North 82 Degrees 04 Minutes 54 Seconds East 5 feet
thence North 82 Degrees 27 Minutes 44 Seconds East 26.1 feet
thence North 82 Degrees 08 Minutes 13 Seconds East 22.5 feet
thence North 82 Degrees 40 Minutes 31 Seconds East 18.8 feet
thence North 82 Degrees 47 Minutes 41 Seconds East 19.2 feet
thence North 83 Degrees 46 Minutes 13 Seconds East 19.1 feet
thence North 82 Degrees 53 Minutes 15 Seconds East 13.9 feet
thence North 82 Degrees 58 Minutes 00 Seconds East 11.2 feet
thence North 81 Degrees 15 Minutes 42 Seconds East 56.1 feet
thence North 76 Degrees 35 Minutes 04 Seconds East 29 feet
thence North 81 Degrees 43 Minutes 59 Seconds East 28.5 feet
thence North 80 Degrees 06 Minutes 08 Seconds East 27.6 feet more or less to the ending point at: 39 degrees 40 minutes 06.56 seconds North Latitude and -109 degrees 32 minutes 51.74 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,189,915.9$ feet and $\mathrm{Y}=7,053,971.9$ feet.

## Appendix J to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 021<br>Road-Segment Length: $\mathbf{0 . 1 1}$ miles more or less.<br>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 13 South Range 21 East, Section(s) 22, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 021 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 40 minutes 019.6 seconds North Latitude and - 109 degrees 32 minutes 47.14 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,190,247.3$ feet and Y $=7,055,298.4$ feet; thence the following courses along the said road center line:
thence North 54 Degrees 29 Minutes 08 Seconds West 7.3 feet thence North 56 Degrees 13 Minutes 42 Seconds West 25.8 feet thence North 56 Degrees 50 Minutes 49 Seconds West 24.4 feet thence North 67 Degrees 01 Minutes 06 Seconds West 23.2 feet thence North 75 Degrees 26 Minutes 51 Seconds West 21.7 feet thence North 83 Degrees 05 Minutes 11 Seconds West 20.8 feet thence North 86 Degrees 22 Minutes 41 Seconds West 19.1 feet thence South 88 Degrees 43 Minutes 18 Seconds West 19.7 feet thence South 84 Degrees 54 Minutes 46 Seconds West 19.8 feet thence South 80 Degrees 12 Minutes 51 Seconds West 22 feet thence South 76 Degrees 26 Minutes 10 Seconds West 22.9 feet
thence South 80 Degrees 29 Minutes 16 Seconds West 22.6 feet thence North 72 Degrees 19 Minutes 09 Seconds West 27.6 feet thence North 82 Degrees 40 Minutes 21 Seconds West 22.2 feet thence North 75 Degrees 29 Minutes 48 Seconds West 23.1 feet thence North 77 Degrees 26 Minutes 54 Seconds West 23.6 feet thence North 88 Degrees 48 Minutes 57 Seconds West 24.9 feet thence South 81 Degrees 26 Minutes 27 Seconds West 25.2 feet thence South 70 Degrees 21 Minutes 12 Seconds West 26.8 feet thence South 66 Degrees 28 Minutes 41 Seconds West 27.5 feet thence South 65 Degrees 26 Minutes 56 Seconds West 28.8 feet thence South 65 Degrees 30 Minutes 36 Seconds West 28.1 feet thence South 64 Degrees 32 Minutes 37 Seconds West 29.4 feet thence South 65 Degrees 53 Minutes 40 Seconds West 21.2 feet more or less to the ending point at: 39 degrees 40 minutes 19.61 seconds North Latitude and -109 degrees 32 minutes 53.88 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,189,720.4$ feet and $Y=7,055,287.6$ feet.

## Appendix K to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 023<br>Road-Segment Length: 0.26 miles more or less.<br>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 13 South Range 21 East, Section(s) 15, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 023 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 40 minutes 58.72 seconds North Latitude and -109 degrees 32 minutes 48.88 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,190,024.2$ feet and Y $=7,059,252.7$ feet; thence the following courses along the said road center line:
thence North 18 Degrees 54 Minutes 27 Seconds East 14.9 feet
thence North 24 Degrees 34 Minutes 53 Seconds East 30.4 feet
thence North 30 Degrees 57 Minutes 34 Seconds East 30.3 feet
thence North 37 Degrees 39 Minutes 37 Seconds East 30.4 feet thence North 40 Degrees 48 Minutes 20 Seconds East 30.9 feet thence North 43 Degrees 21 Minutes 53 Seconds East 30.4 feet thence North 45 Degrees 08 Minutes 06 Seconds East 29 feet thence North 48 Degrees 06 Minutes 02 Seconds East 27.2 feet thence North 46 Degrees 50 Minutes 16 Seconds East 24.6 feet thence North 46 Degrees 20 Minutes 42 Seconds East 23.9 feet thence North 42 Degrees 14 Minutes 24 Seconds East 21.8 feet
thence North 39 Degrees 51 Minutes 22 Seconds East 19.3 feet thence North 32 Degrees 20 Minutes 16 Seconds East 15.2 feet thence North 33 Degrees 22 Minutes 01 Seconds East 10.6 feet thence North 23 Degrees 38 Minutes 21 Seconds East 6.5 feet thence North 26 Degrees 51 Minutes 28 Seconds East 13.6 feet thence North 14 Degrees 08 Minutes 49 Seconds East 10.5 feet thence North 26 Degrees 14 Minutes 30 Seconds East 11 feet thence North 23 Degrees 01 Minutes 56 Seconds East 15.7 feet thence North 24 Degrees 07 Minutes 15 Seconds East 19.8 feet thence North 22 Degrees 17 Minutes 48 Seconds East 21.3 feet thence North 15 Degrees 09 Minutes 19 Seconds East 22.1 feet thence North 03 Degrees 42 Minutes 18 Seconds East 23.4 feet thence North 08 Degrees 01 Minutes 08 Seconds West 24.5 feet thence North 26 Degrees 53 Minutes 17 Seconds West 25.7 feet thence North 42 Degrees 21 Minutes 43 Seconds West 26.9 feet thence North 51 Degrees 58 Minutes 39 Seconds West 28 feet thence North 58 Degrees 02 Minutes 50 Seconds West 29.5 feet thence North 61 Degrees 42 Minutes 45 Seconds West 28.8 feet thence North 62 Degrees 31 Minutes 57 Seconds West 27.4 feet thence North 64 Degrees 24 Minutes 59 Seconds West 25.5 feet thence North 67 Degrees 31 Minutes 35 Seconds West 24.6 feet thence North 67 Degrees 07 Minutes 28 Seconds West 22.5 feet thence North 62 Degrees 58 Minutes 23 Seconds West 21.4 feet thence North 72 Degrees 28 Minutes 22 Seconds West 20.3 feet thence North 73 Degrees 21 Minutes 25 Seconds West 20.2 feet thence North 75 Degrees 37 Minutes 32 Seconds West 20.7 feet thence North 75 Degrees 51 Minutes 10 Seconds West 21 feet thence North 75 Degrees 17 Minutes 07 Seconds West 22.8 feet thence North 74 Degrees 52 Minutes 36 Seconds West 25.9 feet thence North 74 Degrees 50 Minutes 04 Seconds West 28.3 feet thence North 75 Degrees 00 Minutes 37 Seconds West 28.6 feet thence North 73 Degrees 44 Minutes 56 Seconds West 28.8 feet thence North 76 Degrees 57 Minutes 46 Seconds West 27 feet thence North 72 Degrees 19 Minutes 08 Seconds West 27.6 feet thence North 68 Degrees 01 Minutes 00 Seconds West 27.7 feet thence North 74 Degrees 40 Minutes 51 Seconds West 25.6 feet thence North 73 Degrees 09 Minutes 40 Seconds West 23.4 feet thence North 74 Degrees 36 Minutes 52 Seconds West 21.8 feet thence North 74 Degrees 59 Minutes 23 Seconds West 21.1 feet thence North 74 Degrees 54 Minutes 03 Seconds West 19.7 feet thence North 75 Degrees 15 Minutes 16 Seconds West 17.7 feet thence North 74 Degrees 40 Minutes 51 Seconds West 17 feet thence South 81 Degrees 14 Minutes 59 Seconds West 17.9 feet thence North 78 Degrees 22 Minutes 44 Seconds West 17.4 feet thence North 77 Degrees 53 Minutes 49 Seconds West 19.8 feet thence North 78 Degrees 50 Minutes 27 Seconds West 21.4 feet thence North 77 Degrees 47 Minutes 39 Seconds West 21.2 feet thence North 77 Degrees 07 Minutes 56 Seconds West 21.6 feet thence North 63 Degrees 15 Minutes 03 Seconds West 16.6 feet more or less to the ending
point at: 39 degrees 41 minutes 05.85 seconds North Latitude and -109 degrees 32 minutes 55.33 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,189,504.7$ feet and $\mathrm{Y}=7,059,962.1$ feet.

## Appendix L to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 025<br>Road-Segment Length: 0.04 miles more or less.<br>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 13 South Range 21 East, Section(s) 15, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 025 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 41 minutes 07.37 seconds North Latitude and - 109 degrees 32 minutes 55.33 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,189,501.2$ feet and Y $=7,060,116.3$ feet; thence the following courses along the said road center line:
thence North 64 Degrees 07 Minutes 01 Seconds East 16.7 feet
thence North 67 Degrees 52 Minutes 31 Seconds East 26.5 feet
thence North 63 Degrees 25 Minutes 36 Seconds East 26.7 feet
thence North 55 Degrees 35 Minutes 59 Seconds East 26.9 feet
thence North 45 Degrees 10 Minutes 30 Seconds East 26.7 feet
thence North 36 Degrees 16 Minutes 04 Seconds East 27 feet
thence North 32 Degrees 24 Minutes 43 Seconds East 27.3 feet
thence North 37 Degrees 38 Minutes 54 Seconds East 17.1 feet more or less to the ending
point at: 39 degrees 41 minutes 08.54 seconds North Latitude and -109 degrees 32 minutes 53.44 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,189,646.9$ feet and $\mathrm{Y}=7,060,237.9$ feet.

## Appendix M to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 027<br>Road-Segment Length: 0.23 miles more or less.<br>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 13 South Range 21 East, Section(s) 15, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 027 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 41 minutes 12.14 seconds North Latitude and - 109 degrees 32 minutes 48.67 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,190,011.6$ feet and Y $=7,060,610.4$ feet; thence the following courses along the said road center line:
thence North 31 Degrees 06 Minutes 23 Seconds East 27.7 feet
thence North 24 Degrees 07 Minutes 15 Seconds East 27.8 feet
thence North 26 Degrees 48 Minutes 43 Seconds East 29.5 feet
thence North 27 Degrees 26 Minutes 07 Seconds East 28.2 feet
thence North 31 Degrees 31 Minutes 33 Seconds East 25.5 feet
thence North 31 Degrees 49 Minutes 45 Seconds East 27.1 feet
thence North 28 Degrees 27 Minutes 24 Seconds East 26.6 feet
thence North 22 Degrees 01 Minutes 03 Seconds East 25.9 feet
thence North 12 Degrees 40 Minutes 17 Seconds East 26.3 feet
thence North 06 Degrees 32 Minutes 48 Seconds East 27.4 feet
thence North 03 Degrees 37 Minutes 19 Seconds East 28.6 feet
thence North 01 Degrees 37 Minutes 46 Seconds East 28.9 feet thence North 02 Degrees 18 Minutes 33 Seconds East 28.6 feet thence North 00 Degrees 59 Minutes 49 Seconds West 27.9 feet thence North 01 Degrees 42 Minutes 12 Seconds West 27.2 feet thence North 03 Degrees 06 Minutes 56 Seconds West 26.9 feet thence North 02 Degrees 28 Minutes 14 Seconds West 26.3 feet thence North 01 Degrees 52 Minutes 46 Seconds East 25.6 feet thence North 03 Degrees 23 Minutes 32 Seconds East 25.3 feet thence North 05 Degrees 41 Minutes 09 Seconds East 25.1 feet thence North 05 Degrees 41 Minutes 09 Seconds East 25.1 feet thence North 03 Degrees 29 Minutes 27 Seconds East 24.7 feet thence North 02 Degrees 43 Minutes 47 Seconds East 24.6 feet thence North 00 Degrees 29 Minutes 02 Seconds East 23.3 feet thence North 00 Degrees 34 Minutes 19 Seconds East 21 feet thence North 01 Degrees 15 Minutes 43 Seconds West 20 feet thence North 00 Degrees 45 Minutes 28 Seconds East 17.4 feet thence North 01 Degrees 21 Minutes 52 Seconds West 18 feet thence North 00 Degrees 19 Minutes 22 Seconds West 18 feet thence North 01 Degrees 55 Minutes 21 Seconds East 16.7 feet thence North 01 Degrees 30 Minutes 59 Seconds West 15.8 feet thence North 02 Degrees 48 Minutes 45 Seconds West 15.1 feet thence North 17 Degrees 22 Minutes 19 Seconds West 51.5 feet thence North 22 Degrees 16 Minutes 18 Seconds West 47.4 feet thence North 34 Degrees 33 Minutes 37 Seconds West 57.2 feet thence North 28 Degrees 12 Minutes 22 Seconds West 70.2 feet thence North 31 Degrees 03 Minutes 30 Seconds West 84.7 feet thence North 35 Degrees 06 Minutes 53 Seconds West 61.5 feet thence North 39 Degrees 04 Minutes 08 Seconds West 34.1 feet thence North 36 Degrees 34 Minutes 36 Seconds West 12.2 feet more or less to the ending point at: 39 degrees 41 minutes 23.19 seconds North Latitude and -109 degrees 32 minutes 49.47 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,189,924.6$ feet and $\mathrm{Y}=7,061,726.5$ feet.

## Appendix N to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 029<br>Road-Segment Length: 0.21 miles more or less.<br>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 13 South Range 21 East, Section(s) 10,15, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 029 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 41 minutes 37.07 seconds North Latitude and - 109 degrees 32 minutes 49.37 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,189,901.3$ feet and Y $=7,063,130.5$ feet; thence the following courses along the said road center line:
thence North 72 Degrees 16 Minutes 27 Seconds East 23 feet
thence North 59 Degrees 04 Minutes 14 Seconds East 27.1 feet thence North 42 Degrees 40 Minutes 03 Seconds East 26.5 feet thence North 26 Degrees 33 Minutes 50 Seconds East 26.1 feet thence North 05 Degrees 10 Minutes 09 Seconds East 17.1 feet thence North 05 Degrees 47 Minutes 33 Seconds East 9.2 feet thence North 15 Degrees 20 Minutes 28 Seconds West 27.9 feet thence North 30 Degrees 18 Minutes 16 Seconds West 29.5 feet thence North 40 Degrees 02 Minutes 56 Seconds West 30.3 feet thence North 26 Degrees 37 Minutes 47 Seconds West 32.6 feet thence North 15 Degrees 38 Minutes 08 Seconds West 28.6 feet
thence North 01 Degrees 02 Minutes 27 Seconds East 27.6 feet thence North 18 Degrees 55 Minutes 35 Seconds East 21.9 feet thence North 30 Degrees 24 Minutes 45 Seconds East 28.2 feet thence North 33 Degrees 32 Minutes 26 Seconds East 30 feet thence North 23 Degrees 10 Minutes 32 Seconds East 32.9 feet thence North 12 Degrees 01 Minutes 56 Seconds East 35.3 feet thence North 05 Degrees 14 Minutes 13 Seconds East 37.3 feet thence North 03 Degrees 57 Minutes 50 Seconds West 36.2 feet thence North 00 Degrees 11 Minutes 35 Seconds East 36.4 feet thence North 08 Degrees 18 Minutes 28 Seconds East 37.2 feet thence North 14 Degrees 11 Minutes 37 Seconds East 38 feet thence North 17 Degrees 12 Minutes 09 Seconds East 39.2 feet thence North 14 Degrees 10 Minutes 38 Seconds East 39.3 feet thence North 10 Degrees 09 Minutes 04 Seconds East 39.7 feet thence North 03 Degrees 20 Minutes 20 Seconds East 41.1 feet thence North 01 Degrees 38 Minutes 05 Seconds West 43 feet thence North 07 Degrees 10 Minutes 57 Seconds West 44 feet thence North 10 Degrees 37 Minutes 39 Seconds West 44 feet thence North 14 Degrees 02 Minutes 24 Seconds West 42.9 feet thence North 17 Degrees 37 Minutes 24 Seconds West 41.9 feet thence North 21 Degrees 21 Minutes 37 Seconds West 41.1 feet thence North 21 Degrees 53 Minutes 05 Seconds West 43.7 feet thence North 21 Degrees 10 Minutes 38 Seconds West 22.1 feet more or less to the ending point at: 39 degrees 41 minutes 47.28 seconds North Latitude and -109 degrees 32 minutes 48.56 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,189,942.4$ feet and $\mathrm{Y}=7,064,164.9$ feet.

## Appendix $O$ to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 031<br>Road-Segment Length: 0.37 miles more or less.<br>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 13 South Range 21 East, Section(s) 10, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 031 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 41 minutes 048.6 seconds North Latitude and -109 degrees 32 minutes 49.16 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,189,892.7$ feet and Y $=7,064,297.2$ feet; thence the following courses along the said road center line:
thence North 19 Degrees 45 Minutes 46 Seconds West 29.6 feet thence North 21 Degrees 19 Minutes 17 Seconds West 34.8 feet thence North 17 Degrees 52 Minutes 35 Seconds West 33.7 feet thence North 08 Degrees 37 Minutes 12 Seconds West 31.8 feet thence North 00 Degrees 55 Minutes 10 Seconds West 31.5 feet thence North 07 Degrees 58 Minutes 27 Seconds East 31.8 feet thence North 18 Degrees 39 Minutes 53 Seconds East 32.3 feet thence North 29 Degrees 29 Minutes 28 Seconds East 33.7 feet thence North 36 Degrees 26 Minutes 11 Seconds East 34 feet thence North 39 Degrees 28 Minutes 57 Seconds East 33.3 feet thence North 37 Degrees 27 Minutes 10 Seconds East 33.2 feet
thence North 31 Degrees 55 Minutes 37 Seconds East 32.6 feet thence North 23 Degrees 31 Minutes 39 Seconds East 34.1 feet thence North 16 Degrees 19 Minutes 38 Seconds East thence North 09 Degrees 53 Minutes 28 Seconds East thence North 05 Degrees 26 Minutes 23 Seconds East thence North 01 Degrees 52 Minutes 47 Seconds East thence North 00 Degrees 50 Minutes 04 Seconds East thence North 02 Degrees 09 Minutes 02 Seconds West thence North 03 Degrees 39 Minutes 00 Seconds West thence North 07 Degrees 32 Minutes 13 Seconds West 26.1 feet thence North 06 Degrees 29 Minutes 34 Seconds West 24.4 feet thence North 05 Degrees 39 Minutes 17 Seconds West 24.7 feet thence North 04 Degrees 11 Minutes 17 Seconds West 24.3 feet thence North 04 Degrees 08 Minutes 12 Seconds West 24.7 feet thence North 02 Degrees 33 Minutes 14 Seconds West 25.3 feet thence North 02 Degrees 26 Minutes 38 Seconds West 26.6 feet thence North 03 Degrees 06 Minutes 55 Seconds West 26.9 feet thence North 02 Degrees 55 Minutes 31 Seconds West 28.9 feet thence North 00 Degrees 17 Minutes 59 Seconds East 30.2 feet thence North 01 Degrees 26 Minutes 55 Seconds East 31.8 feet thence North 00 Degrees 19 Minutes 22 Seconds West 33.5 feet thence North 01 Degrees 51 Minutes 31 Seconds East 34.5 feet thence North 02 Degrees 53 Minutes 12 Seconds East 35.2 feet thence North 03 Degrees 23 Minutes 08 Seconds East 35.5 feet thence North 07 Degrees 16 Minutes 18 Seconds East 34.8 feet thence North 09 Degrees 41 Minutes 06 Seconds East thence North 15 Degrees 50 Minutes 57 Seconds East thence North 18 Degrees 55 Minutes 08 Seconds East thence North 26 Degrees 56 Minutes 48 Seconds East thence North 34 Degrees 14 Minutes 23 Seconds East thence North 39 Degrees 44 Minutes 16 Seconds East thence North 43 Degrees 58 Minutes 11 Seconds East thence North 48 Degrees 32 Minutes 16 Seconds East thence North 50 Degrees 47 Minutes 33 Seconds East thence North 53 Degrees 45 Minutes 15 Seconds East thence North 55 Degrees 59 Minutes 13 Seconds East thence North 55 Degrees 51 Minutes 45 Seconds East thence North 54 Degrees 21 Minutes 02 Seconds East thence North 53 Degrees 37 Minutes 00 Seconds East thence North 53 Degrees 04 Minutes 50 Seconds East thence North 52 Degrees 54 Minutes 00 Seconds East thence North 52 Degrees 31 Minutes 49 Seconds East thence North 52 Degrees 20 Minutes 15 Seconds East thence North 50 Degrees 29 Minutes 22 Seconds East thence North 49 Degrees 33 Minutes 23 Seconds East thence North 47 Degrees 30 Minutes 15 Seconds East 34 feet
34.2 feet 36.8 feet 35.8 feet 35.9 feet
37.7 feet
37.6 feet
37.9 feet
39.2 feet
39.7 feet
41.4 feet
41.9 feet
41.4 feet
41.8 feet
41.3 feet
40.6 feet
40.8 feet

40 feet
38.9 feet
38.2 feet
37.6 feet
thence North 44 Degrees 00 Minutes 11 Seconds East 19.7 feet more or less to the ending
point at: 39 degrees 42 minutes 04.86 seconds North Latitude and -109 degrees 32 minutes 40.15 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet
coordinates of $\mathrm{X}=2,190,560.3$ feet and $\mathrm{Y}=7,065,957.0$ feet.

## Appendix P to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 033<br>Road-Segment Length: 0.39 miles more or less.<br>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 13 South Range 21 East, Section(s) 10,11, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 033 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 42 minutes 05.93 seconds North Latitude and -109 degrees 32 minutes 39.02 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,190,646.6$ feet and Y $=7,066,067.8$ feet; thence the following courses along the said road center line:
thence North 30 Degrees 14 Minutes 17 Seconds East 40 feet thence North 25 Degrees 14 Minutes 13 Seconds East 33.5 feet thence North 24 Degrees 07 Minutes 16 Seconds East 7.9 feet thence North 21 Degrees 13 Minutes 45 Seconds East 42 feet thence North 16 Degrees 32 Minutes 55 Seconds East 41.8 feet thence North 14 Degrees 09 Minutes 43 Seconds East 40.7 feet thence North 11 Degrees 44 Minutes 18 Seconds East 39.3 feet thence North 07 Degrees 14 Minutes 19 Seconds East 37.4 feet thence North 02 Degrees 21 Minutes 09 Seconds East 35.1 feet thence North 01 Degrees 28 Minutes 48 Seconds West 32.5 feet thence North 06 Degrees 35 Minutes 37 Seconds West 30 feet
thence North 12 Degrees 02 Minutes 06 Seconds West 27.5 feet thence North 20 Degrees 37 Minutes 13 Seconds West 25.5 feet thence North 27 Degrees 34 Minutes 41 Seconds West 24.4 feet thence North 32 Degrees 01 Minutes 27 Seconds West 26.2 feet thence North 40 Degrees 42 Minutes 43 Seconds West 28.9 feet thence North 45 Degrees 19 Minutes 21 Seconds West 1.4 feet thence North 46 Degrees 08 Minutes 28 Seconds West 32.5 feet thence North 47 Degrees 06 Minutes 05 Seconds West 37.4 feet thence North 45 Degrees 19 Minutes 21 Seconds West 40.4 feet thence North 45 Degrees 00 Minutes 34 Seconds West 42.5 feet thence North 42 Degrees 11 Minutes 24 Seconds West 46.7 feet thence North 41 Degrees 42 Minutes 31 Seconds West 44.2 feet thence North 39 Degrees 47 Minutes 42 Seconds West 43.4 feet thence North 37 Degrees 37 Minutes 36 Seconds West 43.3 feet thence North 41 Degrees 14 Minutes 13 Seconds West 39.1 feet thence North 33 Degrees 53 Minutes 07 Seconds West 41 feet thence North 26 Degrees 01 Minutes 57 Seconds West 39.3 feet thence North 19 Degrees 32 Minutes 33 Seconds West 37.9 feet thence North 15 Degrees 07 Minutes 10 Seconds West 36 feet thence North 20 Degrees 18 Minutes 20 Seconds West 34.6 feet thence North 30 Degrees 08 Minutes 12 Seconds West 33.7 feet thence North 41 Degrees 21 Minutes 00 Seconds West 33.5 feet thence North 52 Degrees 29 Minutes 39 Seconds West 35.3 feet thence North 62 Degrees 23 Minutes 56 Seconds West 37.1 feet thence North 67 Degrees 58 Minutes 10 Seconds West 38 feet thence North 72 Degrees 02 Minutes 14 Seconds West 39.7 feet thence North 73 Degrees 59 Minutes 12 Seconds West 39.7 feet thence North 77 Degrees 32 Minutes 21 Seconds West 40 feet thence North 78 Degrees 17 Minutes 31 Seconds West 40.9 feet thence North 77 Degrees 59 Minutes 52 Seconds West 40 feet thence North 74 Degrees 46 Minutes 22 Seconds West 39.2 feet thence North 85 Degrees 23 Minutes 44 Seconds West 38.2 feet thence North 87 Degrees 15 Minutes 22 Seconds West 36.8 feet thence North 85 Degrees 10 Minutes 29 Seconds West 36.6 feet thence North 79 Degrees 52 Minutes 15 Seconds West 34.4 feet thence North 71 Degrees 43 Minutes 21 Seconds West 36 feet thence North 73 Degrees 49 Minutes 06 Seconds West 37 feet thence North 65 Degrees 10 Minutes 10 Seconds West 41.7 feet thence North 68 Degrees 31 Minutes 16 Seconds West 40.6 feet thence North 68 Degrees 36 Minutes 31 Seconds West 39.9 feet thence North 67 Degrees 42 Minutes 10 Seconds West 38.4 feet thence North 67 Degrees 51 Minutes 34 Seconds West 36.9 feet thence North 70 Degrees 12 Minutes 11 Seconds West 35.3 feet thence North 71 Degrees 33 Minutes 16 Seconds West 35.7 feet thence North 73 Degrees 27 Minutes 51 Seconds West 33.9 feet thence North 77 Degrees 57 Minutes 36 Seconds West 24.5 feet more or less to the ending point at: 39 degrees 42 minutes 18.43 seconds North Latitude and -109 degrees 32 minutes 53.86 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,189,459.1$ feet and $\mathrm{Y}=7,067,307.0$ feet.

## Appendix Q to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 035<br>Road-Segment Length: 0.25 miles more or less.<br>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 13 South Range 21 East, Section(s) 10, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 035 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 42 minutes 18.65 seconds North Latitude and - 109 degrees 32 minutes 54.77 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,189,388.1$ feet and Y $=7,067,327.2$ feet; thence the following courses along the said road center line:
thence North 66 Degrees 29 Minutes 02 Seconds West 15.4 feet thence North 54 Degrees 57 Minutes 36 Seconds West 24.9 feet thence North 47 Degrees 43 Minutes 43 Seconds West 27.6 feet thence North 46 Degrees 31 Minutes 28 Seconds West 33.2 feet thence North 49 Degrees 53 Minutes 47 Seconds West 34.9 feet thence North 47 Degrees 58 Minutes 36 Seconds West 35.1 feet thence North 47 Degrees 52 Minutes 32 Seconds West 36.5 feet thence North 47 Degrees 08 Minutes 48 Seconds West 36.4 feet thence North 47 Degrees 10 Minutes 13 Seconds West 36 feet thence North 47 Degrees 34 Minutes 59 Seconds West 35.3 feet thence North 47 Degrees 14 Minutes 40 Seconds West 34.6 feet
thence North 48 Degrees 05 Minutes 11 Seconds West 33.7 feet thence North 46 Degrees 07 Minutes 06 Seconds West 33.4 feet thence North 47 Degrees 48 Minutes 44 Seconds West 32 feet thence North 48 Degrees 50 Minutes 38 Seconds West 30.2 feet thence North 46 Degrees 47 Minutes 29 Seconds West 27.2 feet thence North 46 Degrees 20 Minutes 44 Seconds West 26 feet thence North 44 Degrees 46 Minutes 37 Seconds West 24.4 feet thence North 45 Degrees 19 Minutes 21 Seconds West 24.6 feet thence North 45 Degrees 19 Minutes 21 Seconds West 24.1 feet thence North 43 Degrees 35 Minutes 13 Seconds West 23 feet thence North 46 Degrees 30 Minutes 58 Seconds West 22.3 feet thence North 44 Degrees 42 Minutes 23 Seconds West 21.6 feet thence North 45 Degrees 19 Minutes 21 Seconds West 22.3 feet thence North 46 Degrees 34 Minutes 04 Seconds West 21.4 feet thence North 48 Degrees 02 Minutes 56 Seconds West 19.5 feet thence North 48 Degrees 20 Minutes 07 Seconds West 17.7 feet thence North 49 Degrees 00 Minutes 50 Seconds West 14.4 feet thence North 46 Degrees 32 Minutes 29 Seconds West 10.9 feet thence North 48 Degrees 41 Minutes 20 Seconds West 35.6 feet thence North 48 Degrees 39 Minutes 08 Seconds West 127.8 feet thence North 46 Degrees 50 Minutes 17 Seconds West 43.9 feet thence North 46 Degrees 24 Minutes 12 Seconds West 36.9 feet thence North 46 Degrees 01 Minutes 16 Seconds West 38.1 feet thence North 45 Degrees 40 Minutes 11 Seconds West 38.3 feet thence North 44 Degrees 38 Minutes 26 Seconds West 39 feet thence North 43 Degrees 59 Minutes 25 Seconds West 39.9 feet thence North 44 Degrees 16 Minutes 05 Seconds West 37.8 feet thence North 42 Degrees 25 Minutes 26 Seconds West 36.7 feet thence North 37 Degrees 18 Minutes 00 Seconds West 34.9 feet thence North 28 Degrees 37 Minutes 24 Seconds West 33.9 feet thence North 19 Degrees 27 Minutes 22 Seconds West 17 feet more or less to the ending point at: 39 degrees 42 minutes 27.99 seconds North Latitude and -109 degrees 33 minutes 06.79 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $X=2,188,428.0$ feet and $Y=7,068,251.4$ feet.

## Appendix R to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 037<br>Road-Segment Length: $\mathbf{0 . 1}$ miles more or less.<br>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 13 South Range 21 East, Section(s) 3, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 037 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 42 minutes 30.18 seconds North Latitude and -109 degrees 33 minutes 06.84 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,188,419.2$ feet and Y $=7,068,472.8$ feet; thence the following courses along the said road center line:
thence North 00 Degrees 19 Minutes 21 Seconds West 1 feet thence North 01 Degrees 37 Minutes 07 Seconds East 38.7 feet thence North 01 Degrees 43 Minutes 11 Seconds West 40.4 feet thence North 04 Degrees 49 Minutes 29 Seconds West 41.8 feet thence North 07 Degrees 20 Minutes 20 Seconds West 43 feet thence North 07 Degrees 20 Minutes 43 Seconds West 45.6 feet thence North 14 Degrees 27 Minutes 53 Seconds West 43 feet thence North 22 Degrees 33 Minutes 08 Seconds West 40.8 feet thence North 23 Degrees 00 Minutes 32 Seconds West 43.4 feet thence North 26 Degrees 18 Minutes 25 Seconds West 43.4 feet thence North 27 Degrees 40 Minutes 20 Seconds West 42.9 feet
thence North 28 Degrees 51 Minutes 45 Seconds West 42.6 feet
thence North 36 Degrees 43 Minutes 36 Seconds West 40.4 feet
thence North 36 Degrees 20 Minutes 59 Seconds West 8.9 feet more or less to the ending point at: 39 degrees 42 minutes 34.98 seconds North Latitude and -109 degrees 33 minutes 08.59 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,188,271.8$ feet and $Y=7,068,955.3$ feet.

## Appendix S to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 039<br>Road-Segment Length: 0.03 miles more or less.<br>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 13 South Range 21 East, Section(s) 3, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 039 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 42 minutes 46.86 seconds North Latitude and -109 degrees 33 minutes 04.47 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,188,567.9$ feet and Y $=7,070,164.8$ feet; thence the following courses along the said road center line:
thence North 22 Degrees 44 Minutes 52 Seconds East 38.5 feet thence North 20 Degrees 49 Minutes 24 Seconds East 37.3 feet thence North 15 Degrees 03 Minutes 57 Seconds East 37.1 feet thence North 09 Degrees 38 Minutes 28 Seconds East 24.7 feet more or less to the ending point at: 39 degrees 42 minutes 48.15 seconds North Latitude and -109 degrees 33 minutes 3.9 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,188,609.8$ feet and $\mathrm{Y}=7,070,295.3$ feet.

## Appendix $T$ to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 041<br>Road-Segment Length: 0.11 miles more or less.<br>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 13 South Range 21 East, Section(s) 3, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 041 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 43 minutes 13 seconds North Latitude and -109 degrees 33 minutes 18.26 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,187,432.9$ feet and $\mathrm{Y}=$ 7,072,785.4 feet; thence the following courses along the said road center line:
thence North 11 Degrees 37 Minutes 56 Seconds West 16.7 feet thence North 20 Degrees 02 Minutes 40 Seconds West 36.9 feet thence North 25 Degrees 05 Minutes 51 Seconds West 37.6 feet thence North 28 Degrees 27 Minutes 13 Seconds West 37.6 feet thence North 29 Degrees 14 Minutes 16 Seconds West 39.4 feet thence North 29 Degrees 11 Minutes 41 Seconds West 40.1 feet thence North 28 Degrees 22 Minutes 01 Seconds West 39.8 feet thence North 26 Degrees 28 Minutes 09 Seconds West 40.2 feet thence North 25 Degrees 25 Minutes 26 Seconds West 40.2 feet thence North 25 Degrees 27 Minutes 00 Seconds West 41 feet thence North 25 Degrees 40 Minutes 06 Seconds West 41.4 feet
thence North 27 Degrees 05 Minutes 10 Seconds West 42.3 feet thence North 30 Degrees 54 Minutes 05 Seconds West 41.9 feet thence North 34 Degrees 44 Minutes 26 Seconds West 43 feet thence North 37 Degrees 58 Minutes 11 Seconds West 43.5 feet thence North 41 Degrees 19 Minutes 53 Seconds West 10 feet more or less to the ending point at: 39 degrees 43 minutes 018.2 seconds North Latitude and -109 degrees 33 minutes 21.66 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,187,156.0$ feet and $\mathrm{Y}=7,073,305.3$ feet.

## Appendix U to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 043<br>Road-Segment Length: 0.04 miles more or less.<br>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 12 South Range 21 East, Section(s) 34, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 043 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 43 minutes 22.44 seconds North Latitude and - 109 degrees 33 minutes 25.27 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,186,864.5$ feet and Y $=7,073,727.9$ feet; thence the following courses along the said road center line:
thence North 34 Degrees 42 Minutes 09 Seconds West 37.8 feet thence North 38 Degrees 48 Minutes 09 Seconds West 49 feet thence North 42 Degrees 04 Minutes 57 Seconds West 49.3 feet thence North 46 Degrees 08 Minutes 40 Seconds West 48.5 feet thence North 48 Degrees 58 Minutes 28 Seconds West 10.9 feet more or less to the ending point at: 39 degrees 43 minutes 23.92 seconds North Latitude and -109 degrees 33 minutes 26.88 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,186,736.1$ feet and $\mathrm{Y}=7,073,874.5$ feet.

## Appendix V to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 045<br>Road-Segment Length: 0.33 miles more or less.<br>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 12 South Range 21 East, Section(s) 34, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 045 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 43 minutes 25.26 seconds North Latitude and - 109 degrees 33 minutes 28.34 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,186,618.5$ feet and Y $=7,074,007.7$ feet; thence the following courses along the said road center line:
thence North 26 Degrees 31 Minutes 20 Seconds West 46.1 feet thence North 18 Degrees 00 Minutes 24 Seconds West 47.5 feet thence North 13 Degrees 27 Minutes 22 Seconds West 50.5 feet thence North 10 Degrees 07 Minutes 42 Seconds West 53.9 feet thence North 08 Degrees 59 Minutes 22 Seconds West 54.4 feet thence North 09 Degrees 04 Minutes 06 Seconds West 56.1 feet thence North 08 Degrees 50 Minutes 10 Seconds West 55.4 feet thence North 08 Degrees 47 Minutes 10 Seconds West 55.7 feet thence North 09 Degrees 57 Minutes 12 Seconds West 54.9 feet thence North 11 Degrees 29 Minutes 46 Seconds West 54.2 feet thence North 13 Degrees 50 Minutes 43 Seconds West 53.3 feet
thence North 16 Degrees 57 Minutes 11 Seconds West 52.7 feet thence North 21 Degrees 15 Minutes 23 Seconds West 52.3 feet thence North 26 Degrees 43 Minutes 28 Seconds West 51.7 feet thence North 32 Degrees 05 Minutes 47 Seconds West 51.7 feet thence North 36 Degrees 40 Minutes 31 Seconds West 50.9 feet thence North 41 Degrees 34 Minutes 45 Seconds West 49.8 feet thence North 46 Degrees 56 Minutes 36 Seconds West 49.2 feet thence North 51 Degrees 50 Minutes 31 Seconds West 49 feet thence North 56 Degrees 50 Minutes 45 Seconds West 48.8 feet thence North 59 Degrees 06 Minutes 13 Seconds West 50.6 feet thence North 59 Degrees 32 Minutes 41 Seconds West 51.9 feet thence North 60 Degrees 16 Minutes 11 Seconds West 53.1 feet thence North 62 Degrees 58 Minutes 20 Seconds West 53.6 feet thence North 63 Degrees 54 Minutes 55 Seconds West 53.1 feet thence North 65 Degrees 40 Minutes 18 Seconds West 52.7 feet thence North 68 Degrees 27 Minutes 13 Seconds West 52 feet thence North 71 Degrees 32 Minutes 14 Seconds West 50.9 feet thence North 73 Degrees 39 Minutes 31 Seconds West 50.3 feet thence North 74 Degrees 10 Minutes 05 Seconds West 49.5 feet thence North 75 Degrees 16 Minutes 04 Seconds West 49.3 feet thence North 75 Degrees 00 Minutes 02 Seconds West 49.7 feet thence North 74 Degrees 10 Minutes 05 Seconds West 49.5 feet thence North 71 Degrees 29 Minutes 18 Seconds West 44.7 feet more or less to the ending point at: 39 degrees 43 minutes 37.23 seconds North Latitude and -109 degrees 33 minutes 41.37 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,185,574.6$ feet and $\mathrm{Y}=7,075,196.2$ feet.

## Appendix W to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 047<br>Road-Segment Length: 0.17 miles more or less.<br>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 12 South Range 21 East, Section(s) 33, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 047 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 43 minutes 43.95 seconds North Latitude and -109 degrees 33 minutes 50.36 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,184,857.8$ feet and Y $=7,075,861.6$ feet; thence the following courses along the said road center line:
thence North 28 Degrees 37 Minutes 22 Seconds West 4.8 feet thence North 27 Degrees 49 Minutes 16 Seconds West 27 feet thence North 26 Degrees 53 Minutes 14 Seconds West 27.1 feet thence North 23 Degrees 57 Minutes 05 Seconds West 28.7 feet thence North 22 Degrees 44 Minutes 18 Seconds West 28.4 feet thence North 20 Degrees 14 Minutes 52 Seconds West 27.9 feet thence North 20 Degrees 32 Minutes 49 Seconds West 26.6 feet thence North 20 Degrees 32 Minutes 49 Seconds West 26.6 feet thence North 20 Degrees 18 Minutes 19 Seconds West 26.9 feet thence North 22 Degrees 15 Minutes 06 Seconds West 27.2 feet thence North 22 Degrees 07 Minutes 25 Seconds West 24.7 feet
thence North 23 Degrees 18 Minutes 39 Seconds West 23.5 feet thence North 23 Degrees 51 Minutes 16 Seconds West 22.2 feet thence North 26 Degrees 53 Minutes 14 Seconds West 23.5 feet thence North 30 Degrees 54 Minutes 05 Seconds West 25.2 feet thence North 35 Degrees 22 Minutes 17 Seconds West 26.9 feet thence North 39 Degrees 52 Minutes 54 Seconds West 29.4 feet thence North 48 Degrees 17 Minutes 25 Seconds West 31.4 feet thence North 55 Degrees 11 Minutes 16 Seconds West 32.5 feet thence North 59 Degrees 27 Minutes 19 Seconds West 33.3 feet thence North 64 Degrees 45 Minutes 44 Seconds West 33.5 feet thence North 71 Degrees 42 Minutes 43 Seconds West 33.9 feet thence North 77 Degrees 04 Minutes 54 Seconds West 34.4 feet thence North 81 Degrees 07 Minutes 31 Seconds West 34.9 feet thence North 84 Degrees 49 Minutes 47 Seconds West 34.3 feet thence North 88 Degrees 05 Minutes 53 Seconds West 33.8 feet thence South 89 Degrees 06 Minutes 37 Seconds West 33.1 feet thence South 86 Degrees 50 Minutes 37 Seconds West 33.2 feet thence South 88 Degrees 33 Minutes 16 Seconds West 33.5 feet thence North 85 Degrees 55 Minutes 24 Seconds West 34.2 feet thence North 74 Degrees 22 Minutes 36 Seconds West 35.8 feet thence North 63 Degrees 45 Minutes 25 Seconds West 9.5 feet more or less to the ending point at: 39 degrees 43 minutes 48.98 seconds North Latitude and -109 degrees 33 minutes 58.38 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $X=2,184,220.5$ feet and $Y=7,076,356.1$ feet.

## Appendix X to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 049<br>Road-Segment Length: 0.03 miles more or less.<br>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 12 South Range 21 East, Section(s) 33, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 049 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 43 minutes 50.47 seconds North Latitude and - 109 degrees 34 minutes 00.46 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,184,054.6$ feet and Y $=7,076,503.4$ feet; thence the following courses along the said road center line:
thence North 46 Degrees 35 Minutes 42 Seconds West 41.8 feet thence North 48 Degrees 28 Minutes 01 Seconds West 42.3 feet thence North 47 Degrees 12 Minutes 37 Seconds West 42.2 feet thence North 57 Degrees 27 Minutes 59 Seconds West 18.7 feet more or less to the ending point at: 39 degrees 43 minutes 51.43 seconds North Latitude and -109 degrees 34 minutes 01.83 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,183,945.8$ feet and $\mathrm{Y}=7,076,599.0$ feet.

## Appendix Y to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 051<br>Road-Segment Length: 0.53 miles more or less.<br>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 12 South Range 21 East, Section(s) 33, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 051 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 43 minutes 56.12 seconds North Latitude and - 109 degrees 34 minutes 08.75 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,183,395.2$ feet and Y $=7,077,061.2$ feet; thence the following courses along the said road center line:
thence North 45 Degrees 19 Minutes 19 Seconds West 7 feet thence North 45 Degrees 19 Minutes 19 Seconds West 42.2 feet thence North 41 Degrees 48 Minutes 20 Seconds West 41.6 feet thence North 39 Degrees 24 Minutes 57 Seconds West 40.6 feet thence North 37 Degrees 17 Minutes 11 Seconds West 39.8 feet thence North 36 Degrees 08 Minutes 17 Seconds West 39.2 feet thence North 36 Degrees 48 Minutes 29 Seconds West 39.2 feet thence North 40 Degrees 00 Minutes 27 Seconds West 40.1 feet thence North 45 Degrees 39 Minutes 11 Seconds West 40.1 feet thence North 48 Degrees 36 Minutes 40 Seconds West 40.4 feet thence North 47 Degrees 39 Minutes 58 Seconds West 39.7 feet
thence North 47 Degrees 20 Minutes 36 Seconds West 39.5 feet thence North 47 Degrees 39 Minutes 58 Seconds West 39.7 feet thence North 52 Degrees 52 Minutes 17 Seconds West 38.9 feet thence North 56 Degrees 53 Minutes 50 Seconds West 39.3 feet thence North 61 Degrees 10 Minutes 26 Seconds West 39.1 feet thence North 63 Degrees 58 Minutes 17 Seconds West 39.2 feet thence North 61 Degrees 40 Minutes 28 Seconds West 40.4 feet thence North 56 Degrees 14 Minutes 41 Seconds West 40.4 feet thence North 51 Degrees 26 Minutes 56 Seconds West 41.3 feet thence North 51 Degrees 09 Minutes 41 Seconds West 41 feet thence North 51 Degrees 31 Minutes 06 Seconds West 40.8 feet thence North 51 Degrees 57 Minutes 16 Seconds West 40.2 feet thence North 53 Degrees 04 Minutes 19 Seconds West 39.6 feet thence North 56 Degrees 21 Minutes 46 Seconds West 38.8 feet thence North 59 Degrees 57 Minutes 28 Seconds West 37.6 feet thence North 61 Degrees 27 Minutes 59 Seconds West 36.7 feet thence North 62 Degrees 33 Minutes 48 Seconds West 35.2 feet thence North 63 Degrees 02 Minutes 16 Seconds West 35.1 feet thence North 61 Degrees 34 Minutes 56 Seconds West 34.8 feet thence North 60 Degrees 38 Minutes 37 Seconds West 35.1 feet thence North 60 Degrees 54 Minutes 23 Seconds West 35.4 feet thence North 61 Degrees 25 Minutes 11 Seconds West 36 feet thence North 57 Degrees 31 Minutes 21 Seconds West 35.1 feet thence North 62 Degrees 48 Minutes 36 Seconds West 35.5 feet thence North 62 Degrees 47 Minutes 24 Seconds West 34.8 feet thence North 63 Degrees 01 Minutes 21 Seconds West 34.3 feet thence North 63 Degrees 30 Minutes 20 Seconds West 33.5 feet thence North 64 Degrees 16 Minutes 49 Seconds West 32.1 feet thence North 64 Degrees 51 Minutes 31 Seconds West 30.5 feet thence North 62 Degrees 14 Minutes 58 Seconds West 27.9 feet thence North 71 Degrees 28 Minutes 08 Seconds West 28.4 feet thence North 75 Degrees 00 Minutes 33 Seconds West 28.6 feet thence North 80 Degrees 37 Minutes 59 Seconds West 27.3 feet thence North 83 Degrees 00 Minutes 58 Seconds West 25.8 feet thence North 82 Degrees 31 Minutes 18 Seconds West 24.2 feet thence North 82 Degrees 40 Minutes 17 Seconds West 22.2 feet thence North 82 Degrees 36 Minutes 00 Seconds West 19.5 feet thence North 83 Degrees 28 Minutes 45 Seconds West 16.5 feet thence North 87 Degrees 46 Minutes 38 Seconds West 14.8 feet thence North 76 Degrees 17 Minutes 09 Seconds West 12.2 feet thence North 74 Degrees 47 Minutes 52 Seconds West 12.3 feet thence North 75 Degrees 04 Minutes 01 Seconds West 26.2 feet thence North 75 Degrees 27 Minutes 48 Seconds West 16.6 feet thence North 76 Degrees 45 Minutes 32 Seconds West 86.7 feet thence North 80 Degrees 37 Minutes 35 Seconds West 66.2 feet thence North 76 Degrees 17 Minutes 09 Seconds West 63.6 feet thence North 82 Degrees 46 Minutes 21 Seconds West 54.9 feet thence South 89 Degrees 17 Minutes 36 Seconds West 48.9 feet thence South 83 Degrees 13 Minutes 42 Seconds West 38 feet
thence South 80 Degrees 43 Minutes 57 Seconds West 35.9 feet thence South 76 Degrees 38 Minutes 40 Seconds West 36.4 feet thence South 77 Degrees 39 Minutes 20 Seconds West 36.2 feet thence South 82 Degrees 33 Minutes 10 Seconds West 34.4 feet thence South 83 Degrees 13 Minutes 08 Seconds West 35 feet thence South 84 Degrees 11 Minutes 08 Seconds West 34.3 feet thence South 88 Degrees 05 Minutes 12 Seconds West 35.5 feet thence North 88 Degrees 45 Minutes 35 Seconds West 36.1 feet thence North 86 Degrees 20 Minutes 33 Seconds West 37.8 feet thence North 84 Degrees 51 Minutes 29 Seconds West 37.9 feet thence North 83 Degrees 45 Minutes 33 Seconds West 37.3 feet thence North 82 Degrees 02 Minutes 46 Seconds West 36.5 feet thence North 81 Degrees 49 Minutes 03 Seconds West 35.5 feet thence North 79 Degrees 13 Minutes 42 Seconds West 34.1 feet thence North 79 Degrees 27 Minutes 28 Seconds West 33.1 feet thence North 79 Degrees 54 Minutes 51 Seconds West 32.7 feet thence North 81 Degrees 02 Minutes 58 Seconds West 32.6 feet thence North 80 Degrees 39 Minutes 43 Seconds West 31.3 feet thence North 80 Degrees 14 Minutes 29 Seconds West 30 feet thence North 79 Degrees 42 Minutes 08 Seconds West 5.3 feet more or less to the ending point at: 39 degrees 44 minutes 06.58 seconds North Latitude and -109 degrees 34 minutes 40.38 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,180,902.0$ feet and $\mathrm{Y}=7,078,065.6$ feet.

## Appendix Z to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 053<br>Road-Segment Length: 0.19 miles more or less.<br>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 12 South Range 21 East, Section(s) 33, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 053 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 44 minutes 07.65 seconds North Latitude and -109 degrees 34 minutes 43.61 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,180,647.5$ feet and Y $=7,078,168.6$ feet; thence the following courses along the said road center line:
thence North 51 Degrees 08 Minutes 54 Seconds West 11.4 feet thence North 46 Degrees 54 Minutes 47 Seconds West 16.7 feet thence North 47 Degrees 00 Minutes 24 Seconds West 15.8 feet thence North 47 Degrees 57 Minutes 52 Seconds West 15.1 feet thence North 47 Degrees 31 Minutes 28 Seconds West 12.1 feet thence North 48 Degrees 30 Minutes 06 Seconds West 8.4 feet thence North 50 Degrees 35 Minutes 04 Seconds West 70.8 feet thence North 51 Degrees 06 Minutes 16 Seconds West 36.8 feet thence North 51 Degrees 16 Minutes 08 Seconds West 44.8 feet thence North 51 Degrees 08 Minutes 54 Seconds West 45.7 feet thence North 51 Degrees 55 Minutes 36 Seconds West 44.4 feet
thence North 56 Degrees 15 Minutes 58 Seconds West 42.8 feet thence North 60 Degrees 51 Minutes 49 Seconds West 40.7 feet thence North 68 Degrees 36 Minutes 29 Seconds West 39.9 feet thence North 74 Degrees 26 Minutes 30 Seconds West 39.6 feet thence North 77 Degrees 13 Minutes 09 Seconds West 39.1 feet thence North 73 Degrees 37 Minutes 22 Seconds West 37.7 feet thence North 65 Degrees 34 Minutes 57 Seconds West 36.9 feet thence North 58 Degrees 09 Minutes 27 Seconds West 37.6 feet thence North 49 Degrees 05 Minutes 26 Seconds West 38.8 feet thence North 45 Degrees 39 Minutes 25 Seconds West 39.7 feet thence North 45 Degrees 19 Minutes 19 Seconds West 40.4 feet thence North 43 Degrees 42 Minutes 14 Seconds West 41.1 feet thence North 42 Degrees 26 Minutes 37 Seconds West 41.6 feet thence North 40 Degrees 17 Minutes 52 Seconds West 42.4 feet thence North 39 Degrees 23 Minutes 40 Seconds West 42.7 feet thence North 37 Degrees 55 Minutes 05 Seconds West 41.4 feet thence North 36 Degrees 55 Minutes 44 Seconds West 14.3 feet more or less to the ending point at: 39 degrees 44 minutes 13.54 seconds North Latitude and -109 degrees 34 minutes 53.25 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,179,882.0$ feet and $\mathrm{Y}=7,078,748.3$ feet.

## Appendix AA to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 055<br>Road-Segment Length: 0.39 miles more or less.<br>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 12 South Range 21 East, Section(s) 29, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 055 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 44 minutes 014.3 seconds North Latitude and -109 degrees 34 minutes 53.97 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,179,823.8$ feet and Y $=7,078,823.8$ feet; thence the following courses along the said road center line:
thence North 38 Degrees 41 Minutes 22 Seconds West 10 feet thence North 37 Degrees 34 Minutes 19 Seconds West 39.6 feet thence North 38 Degrees 01 Minutes 59 Seconds West 40.2 feet thence North 37 Degrees 39 Minutes 41 Seconds West 40 feet thence North 37 Degrees 39 Minutes 41 Seconds West 40 feet thence North 38 Degrees 28 Minutes 45 Seconds West 40.9 feet thence North 38 Degrees 49 Minutes 52 Seconds West 39 feet thence North 38 Degrees 53 Minutes 54 Seconds West 35.3 feet thence North 39 Degrees 16 Minutes 04 Seconds West 30.8 feet thence North 38 Degrees 45 Minutes 33 Seconds West 26.4 feet thence North 38 Degrees 11 Minutes 49 Seconds West 22.4 feet
thence North 38 Degrees 58 Minutes 54 Seconds West 8.4 feet thence North 40 Degrees 33 Minutes 30 Seconds West 11.2 feet thence North 40 Degrees 07 Minutes 39 Seconds West 20.5 feet thence North 39 Degrees 36 Minutes 41 Seconds West 18.7 feet thence North 40 Degrees 16 Minutes 46 Seconds West 15.8 feet thence North 38 Degrees 16 Minutes 23 Seconds West 194.7 feet thence North 39 Degrees 54 Minutes 36 Seconds West 22.1 feet thence North 38 Degrees 51 Minutes 07 Seconds West 22.6 feet thence North 40 Degrees 07 Minutes 39 Seconds West 23.1 feet thence North 41 Degrees 21 Minutes 26 Seconds West 23.5 feet thence North 44 Degrees 46 Minutes 34 Seconds West 24.4 feet thence North 46 Degrees 55 Minutes 40 Seconds West 24.8 feet thence North 50 Degrees 58 Minutes 53 Seconds West 25.9 feet thence North 55 Degrees 37 Minutes 36 Seconds West 25.9 feet thence North 60 Degrees 03 Minutes 56 Seconds West 27.4 feet thence North 63 Degrees 45 Minutes 25 Seconds West 27.9 feet thence North 65 Degrees 30 Minutes 05 Seconds West 28.9 feet thence North 65 Degrees 43 Minutes 19 Seconds West 30 feet thence North 66 Degrees 43 Minutes 37 Seconds West 31.2 feet thence North 66 Degrees 53 Minutes 35 Seconds West 32.2 feet thence North 64 Degrees 31 Minutes 02 Seconds West 33.2 feet thence North 61 Degrees 19 Minutes 13 Seconds West 34.5 feet thence North 57 Degrees 58 Minutes 28 Seconds West 35 feet thence North 54 Degrees 43 Minutes 21 Seconds West 35.5 feet thence North 49 Degrees 56 Minutes 18 Seconds West 37.5 feet thence North 46 Degrees 01 Minutes 14 Seconds West 38.1 feet thence North 41 Degrees 38 Minutes 28 Seconds West 39.8 feet thence North 37 Degrees 46 Minutes 21 Seconds West 38.9 feet thence North 35 Degrees 44 Minutes 51 Seconds West 39.1 feet thence North 34 Degrees 08 Minutes 53 Seconds West 38.3 feet thence North 35 Degrees 28 Minutes 14 Seconds West 39.3 feet thence North 39 Degrees 34 Minutes 40 Seconds West 39.4 feet thence North 44 Degrees 58 Minutes 44 Seconds West 38.7 feet thence North 51 Degrees 16 Minutes 33 Seconds West 38 feet thence North 56 Degrees 12 Minutes 27 Seconds West 36.9 feet thence North 59 Degrees 38 Minutes 12 Seconds West 34.7 feet thence North 62 Degrees 12 Minutes 56 Seconds West 32.7 feet thence North 65 Degrees 05 Minutes 20 Seconds West 31.6 feet thence North 64 Degrees 36 Minutes 43 Seconds West 29.5 feet thence North 67 Degrees 24 Minutes 38 Seconds West 352.3 feet more or less to the ending point at: 39 degrees 44 minutes 27.26 seconds North Latitude and -109 degrees 35 minutes 13.27 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,178,288.5$ feet and $\mathrm{Y}=7,080,102.7$ feet.

## Appendix AB to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 057<br>Road-Segment Length: 0.61 miles more or less.<br>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 12 South Range 21 East, Section(s) 29,30, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 057 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 44 minutes 37.81 seconds North Latitude and - 109 degrees 35 minutes 41.41 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,176,068.6$ feet and $Y$ $=7,081,123.5$ feet; thence the following courses along the said road center line:
thence North 38 Degrees 58 Minutes 54 Seconds West 14.7 feet thence North 37 Degrees 05 Minutes 42 Seconds West 38.9 feet thence North 32 Degrees 04 Minutes 52 Seconds West 40.5 feet thence North 30 Degrees 59 Minutes 11 Seconds West 43.1 feet thence North 30 Degrees 59 Minutes 57 Seconds West 45 feet thence North 31 Degrees 41 Minutes 41 Seconds West 47.3 feet thence North 31 Degrees 33 Minutes 01 Seconds West 48.7 feet thence North 31 Degrees 36 Minutes 31 Seconds West 49.9 feet thence North 32 Degrees 00 Minutes 15 Seconds West 49.4 feet thence North 33 Degrees 15 Minutes 54 Seconds West 48.9 feet thence North 35 Degrees 43 Minutes 29 Seconds West 48.7 feet
thence North 37 Degrees 39 Minutes 18 Seconds West 48.7 feet thence North 39 Degrees 23 Minutes 50 Seconds West 49.5 feet thence North 40 Degrees 33 Minutes 29 Seconds West 50.3 feet thence North 40 Degrees 27 Minutes 06 Seconds West 51.9 feet thence North 41 Degrees 06 Minutes 46 Seconds West 53.7 feet thence North 41 Degrees 38 Minutes 18 Seconds West 54.2 feet thence North 43 Degrees 37 Minutes 48 Seconds West 55 feet thence North 46 Degrees 45 Minutes 57 Seconds West 55.2 feet thence North 49 Degrees 10 Minutes 04 Seconds West 55.3 feet thence North 49 Degrees 23 Minutes 25 Seconds West 55.6 feet thence North 48 Degrees 29 Minutes 17 Seconds West 54.6 feet thence North 47 Degrees 02 Minutes 33 Seconds West 54.1 feet thence North 46 Degrees 19 Minutes 05 Seconds West 53.4 feet thence North 44 Degrees 17 Minutes 55 Seconds West 52 feet thence North 43 Degrees 30 Minutes 27 Seconds West 51.3 feet thence North 42 Degrees 58 Minutes 06 Seconds West 50.9 feet thence North 44 Degrees 31 Minutes 47 Seconds West 50.4 feet thence North 47 Degrees 08 Minutes 09 Seconds West 51.3 feet thence North 50 Degrees 39 Minutes 14 Seconds West 52.4 feet thence North 51 Degrees 46 Minutes 16 Seconds West 53.7 feet thence North 51 Degrees 17 Minutes 36 Seconds West 55.8 feet thence North 51 Degrees 23 Minutes 39 Seconds West 54.8 feet thence North 51 Degrees 52 Minutes 33 Seconds West 54.9 feet thence North 53 Degrees 51 Minutes 52 Seconds West 54.7 feet thence North 57 Degrees 17 Minutes 52 Seconds West 54.8 feet thence North 59 Degrees 07 Minutes 16 Seconds West 54.5 feet thence North 60 Degrees 00 Minutes 54 Seconds West 54 feet thence North 58 Degrees 23 Minutes 28 Seconds West 53.4 feet thence North 55 Degrees 09 Minutes 19 Seconds West 53 feet thence North 54 Degrees 01 Minutes 45 Seconds West 52.1 feet thence North 54 Degrees 01 Minutes 45 Seconds West 52.1 feet thence North 52 Degrees 23 Minutes 03 Seconds West 52.8 feet thence North 52 Degrees 32 Minutes 21 Seconds West 53.6 feet thence North 54 Degrees 47 Minutes 02 Seconds West 22.6 feet thence North 54 Degrees 38 Minutes 43 Seconds West 31.5 feet thence North 58 Degrees 48 Minutes 27 Seconds West 52.7 feet thence North 64 Degrees 24 Minutes 55 Seconds West 51.1 feet thence North 67 Degrees 16 Minutes 13 Seconds West 50.3 feet thence North 69 Degrees 04 Minutes 16 Seconds West 50.7 feet thence North 70 Degrees 29 Minutes 43 Seconds West 51.3 feet thence North 71 Degrees 18 Minutes 29 Seconds West 51.4 feet thence North 70 Degrees 35 Minutes 34 Seconds West 50.5 feet thence North 74 Degrees 38 Minutes 09 Seconds West 49.8 feet thence North 78 Degrees 23 Minutes 32 Seconds West 47.6 feet thence North 82 Degrees 11 Minutes 30 Seconds West 46.4 feet thence North 84 Degrees 26 Minutes 39 Seconds West 44.9 feet thence North 84 Degrees 18 Minutes 46 Seconds West 43.9 feet thence North 83 Degrees 21 Minutes 29 Seconds West 43.3 feet thence North 79 Degrees 21 Minutes 14 Seconds West 43.1 feet
thence North 76 Degrees 35 Minutes 40 Seconds West 44.2 feet thence North 74 Degrees 02 Minutes 43 Seconds West 46.8 feet thence North 72 Degrees 21 Minutes 09 Seconds West 51.1 feet thence North 71 Degrees 33 Minutes 24 Seconds West 54.1 feet thence North 72 Degrees 19 Minutes 03 Seconds West 55.2 feet thence North 71 Degrees 26 Minutes 08 Seconds West 13.2 feet more or less to the ending point at: 39 degrees 44 minutes 56.55 seconds North Latitude and -109 degrees 36 minutes 13.06 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,173,556.9$ feet and $Y=7,082,966.6$ feet.

## Appendix AC to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 059<br>Road-Segment Length: $\mathbf{0 . 0 6}$ miles more or less.<br>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 12 South Range 21 East, Section(s) 19, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 059 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 45 minutes 14.82 seconds North Latitude and -109 degrees 36 minutes 37 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,171,647.9$ feet and $\mathrm{Y}=$ 7,084,774.7 feet; thence the following courses along the said road center line:
thence North 30 Degrees 03 Minutes 59 Seconds West 13.2 feet thence North 28 Degrees 39 Minutes 07 Seconds West 42.9 feet thence North 28 Degrees 15 Minutes 53 Seconds West 42.7 feet thence North 26 Degrees 53 Minutes 12 Seconds West 42.6 feet thence North 24 Degrees 09 Minutes 04 Seconds West 43 feet thence North 19 Degrees 10 Minutes 29 Seconds West 42.6 feet thence North 14 Degrees 21 Minutes 28 Seconds West 43.3 feet thence North 11 Degrees 17 Minutes 22 Seconds West 43.1 feet thence North 09 Degrees 29 Minutes 02 Seconds West 10.3 feet more or less to the ending point at: 39 degrees 45 minutes 017.8 seconds North Latitude and -109 degrees 36 minutes 38.45 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet
coordinates of $\mathrm{X}=2,171,528.7$ feet and $\mathrm{Y}=7,085,073.3$ feet.

## Appendix AD to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 063<br>Road-Segment Length: 0.23 miles more or less.<br>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 12 South Range 21 East, Section(s) 18, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 063 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 46 minutes 15.38 seconds North Latitude and -109 degrees 36 minutes 51.85 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,170,359.8$ feet and Y $=7,090,876.3$ feet; thence the following courses along the said road center line:
thence North 16 Degrees 44 Minutes 08 Seconds East 30.2 feet thence North 08 Degrees 05 Minutes 15 Seconds East 38.1 feet thence North 02 Degrees 39 Minutes 54 Seconds East 37.8 feet thence North 03 Degrees 31 Minutes 51 Seconds West 35.2 feet thence North 10 Degrees 40 Minutes 28 Seconds West 34.7 feet thence North 23 Degrees 04 Minutes 20 Seconds West 33.1 feet thence North 35 Degrees 32 Minutes 20 Seconds West 34.1 feet thence North 48 Degrees 38 Minutes 40 Seconds West 36 feet thence North 57 Degrees 44 Minutes 08 Seconds West 37.8 feet thence North 57 Degrees 33 Minutes 26 Seconds West 39.4 feet thence North 50 Degrees 41 Minutes 53 Seconds West 39.6 feet
thence North 46 Degrees 17 Minutes 32 Seconds West 41.1 feet thence North 43 Degrees 27 Minutes 13 Seconds West 42.7 feet thence North 39 Degrees 31 Minutes 11 Seconds West 43.6 feet thence North 34 Degrees 28 Minutes 51 Seconds West 44.4 feet thence North 29 Degrees 20 Minutes 06 Seconds West 44.7 feet thence North 24 Degrees 58 Minutes 38 Seconds West 44 feet thence North 20 Degrees 20 Minutes 24 Seconds West 45 feet thence North 16 Degrees 54 Minutes 00 Seconds West 44.8 feet thence North 16 Degrees 46 Minutes 52 Seconds West 45.2 feet thence North 18 Degrees 53 Minutes 14 Seconds West 45.3 feet thence North 22 Degrees 43 Minutes 24 Seconds West 46.5 feet thence North 28 Degrees 30 Minutes 45 Seconds West 46.5 feet thence North 34 Degrees 07 Minutes 23 Seconds West 46.6 feet thence North 37 Degrees 01 Minutes 48 Seconds West 46.7 feet thence North 40 Degrees 01 Minutes 13 Seconds West 45.2 feet thence North 44 Degrees 09 Minutes 07 Seconds West 45.5 feet thence North 44 Degrees 09 Minutes 07 Seconds West 45.5 feet thence North 45 Degrees 54 Minutes 43 Seconds West 45 feet thence North 46 Degrees 07 Minutes 41 Seconds West 33 feet more or less to the ending point at: 39 degrees 46 minutes 25.54 seconds North Latitude and -109 degrees 36 minutes 59.26 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,169,759.6$ feet and $Y=7,091,891.8$ feet.

## Appendix AE to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 065<br>Road-Segment Length: 0.13 miles more or less.<br>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 12 South Range 20 East, Section(s) 12, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 065 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 47 minutes 10.18 seconds North Latitude and -109 degrees 37 minutes 22.04 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,167,886.4$ feet and Y $=7,096,369.4$ feet; thence the following courses along the said road center line:
thence North 03 Degrees 56 Minutes 33 Seconds West 26 feet thence North 01 Degrees 43 Minutes 05 Seconds West 26.9 feet thence North 01 Degrees 06 Minutes 39 Seconds East 26.3 feet thence North 01 Degrees 10 Minutes 00 Seconds East 25.3 feet thence North 05 Degrees 04 Minutes 57 Seconds East 24.4 feet thence North 09 Degrees 16 Minutes 19 Seconds East 23.6 feet thence North 11 Degrees 18 Minutes 45 Seconds East 22.8 feet thence North 11 Degrees 09 Minutes 39 Seconds East 21.4 feet thence North 10 Degrees 37 Minutes 58 Seconds East 20.7 feet thence North 10 Degrees 59 Minutes 19 Seconds East 21.8 feet thence North 09 Degrees 34 Minutes 59 Seconds East 21 feet
thence North 11 Degrees 20 Minutes 17 Seconds East 21.1 feet thence North 12 Degrees 06 Minutes 17 Seconds East 19.8 feet thence North 09 Degrees 27 Minutes 40 Seconds East 19.3 feet thence North 11 Degrees 11 Minutes 33 Seconds East 18.1 feet thence North 08 Degrees 35 Minutes 37 Seconds East 16.9 feet thence North 12 Degrees 28 Minutes 59 Seconds East 14.8 feet thence North 13 Degrees 00 Minutes 12 Seconds East thence North 13 Degrees 42 Minutes 54 Seconds East thence North 14 Degrees 36 Minutes 37 Seconds East thence North 08 Degrees 06 Minutes 21 Seconds East thence North 09 Degrees 32 Minutes 41 Seconds East thence North 11 Degrees 43 Minutes 04 Seconds East thence North 11 Degrees 30 Minutes 01 Seconds East thence North 10 Degrees 04 Minutes 04 Seconds East thence North 09 Degrees 00 Minutes 50 Seconds East thence North 08 Degrees 41 Minutes 14 Seconds East thence North 09 Degrees 02 Minutes 20 Seconds East thence North 07 Degrees 09 Minutes 35 Seconds East thence North 07 Degrees 48 Minutes 32 Seconds East 12.8 feet
12.2 feet
10.2 feet

9 feet
7.7 feet
70.8 feet
14.4 feet

20 feet
24.3 feet
27.2 feet
30.3 feet 34.8 feet thence North 07 Degrees 48 Minutes 32 Seconds East 2.3 feet more or less to the ending point at: 39 degrees 47 minutes 16.77 seconds North Latitude and -109 degrees 37 minutes 020.6 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,167,985.1$ feet and $\mathrm{Y}=7,097,039.1$ feet.

## Appendix AF to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 068<br>Road-Segment Length: 0.84 miles more or less.<br>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 12 South Range 21 East, Section(s) 6, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 068 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 47 minutes 49.65 seconds North Latitude and -109 degrees 36 minutes 52.26 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,170,126.9$ feet and Y $=7,100,411.1$ feet; thence the following courses along the said road center line:
thence North 46 Degrees 49 Minutes 55 Seconds East 30.9 feet thence North 45 Degrees 32 Minutes 03 Seconds East 31.1 feet thence North 44 Degrees 11 Minutes 51 Seconds East 27.6 feet thence North 38 Degrees 06 Minutes 59 Seconds East 26.4 feet thence North 32 Degrees 02 Minutes 44 Seconds East 27.6 feet thence North 26 Degrees 31 Minutes 35 Seconds East 29.8 feet thence North 21 Degrees 41 Minutes 25 Seconds East 33.3 feet thence North 19 Degrees 19 Minutes 58 Seconds East 34.1 feet thence North 17 Degrees 05 Minutes 49 Seconds East 35.1 feet thence North 14 Degrees 58 Minutes 47 Seconds East 36.1 feet thence North 12 Degrees 56 Minutes 59 Seconds East 35.7 feet
thence North 12 Degrees 26 Minutes 11 Seconds East thence North 12 Degrees 05 Minutes 11 Seconds East thence North 16 Degrees 19 Minutes 27 Seconds East thence North 21 Degrees 02 Minutes 59 Seconds East thence North 25 Degrees 59 Minutes 30 Seconds East thence North 30 Degrees 10 Minutes 20 Seconds East thence North 31 Degrees 11 Minutes 00 Seconds East thence North 28 Degrees 17 Minutes 22 Seconds East thence North 25 Degrees 48 Minutes 06 Seconds East thence North 23 Degrees 35 Minutes 29 Seconds East thence North 22 Degrees 29 Minutes 19 Seconds East thence North 21 Degrees 06 Minutes 37 Seconds East thence North 21 Degrees 45 Minutes 34 Seconds East thence North 21 Degrees 56 Minutes 57 Seconds East thence North 21 Degrees 40 Minutes 13 Seconds East thence North 19 Degrees 52 Minutes 44 Seconds East thence North 16 Degrees 40 Minutes 11 Seconds East thence North 08 Degrees 23 Minutes 11 Seconds East thence North 00 Degrees 42 Minutes 07 Seconds East thence North 05 Degrees 28 Minutes 07 Seconds West thence North 05 Degrees 36 Minutes 39 Seconds West thence North 02 Degrees 55 Minutes 24 Seconds West thence North 02 Degrees 23 Minutes 04 Seconds West thence North 02 Degrees 20 Minutes 53 Seconds West thence North 05 Degrees 25 Minutes 22 Seconds West thence North 08 Degrees 31 Minutes 23 Seconds West thence North 11 Degrees 31 Minutes 53 Seconds West thence North 15 Degrees 55 Minutes 29 Seconds West thence North 17 Degrees 12 Minutes 27 Seconds West thence North 17 Degrees 23 Minutes 17 Seconds West thence North 15 Degrees 29 Minutes 37 Seconds West thence North 09 Degrees 42 Minutes 22 Seconds West thence North 04 Degrees 00 Minutes 43 Seconds West thence North 01 Degrees 31 Minutes 36 Seconds East thence North 06 Degrees 37 Minutes 55 Seconds East thence North 08 Degrees 54 Minutes 53 Seconds East thence North 11 Degrees 10 Minutes 05 Seconds East thence North 15 Degrees 45 Minutes 09 Seconds East thence North 18 Degrees 42 Minutes 17 Seconds East thence North 25 Degrees 24 Minutes 17 Seconds East thence North 34 Degrees 40 Minutes 16 Seconds East thence North 41 Degrees 49 Minutes 57 Seconds East thence North 49 Degrees 13 Minutes 01 Seconds East thence North 55 Degrees 38 Minutes 33 Seconds East thence North 58 Degrees 55 Minutes 29 Seconds East thence North 62 Degrees 34 Minutes 00 Seconds East thence North 67 Degrees 20 Minutes 37 Seconds East thence North 72 Degrees 25 Minutes 26 Seconds East thence North 76 Degrees 14 Minutes 53 Seconds East
35.7 feet
33.6 feet
33.2 feet
32.4 feet
33.3 feet
34.3 feet
35.8 feet

37 feet
38 feet
38 feet
38.1 feet
37.7 feet
37.5 feet
37.2 feet
36.8 feet
37.1 feet
37.1 feet
36.8 feet
36.8 feet
36.6 feet
35.6 feet
36.1 feet
36.4 feet
37.1 feet
36.9 feet
36.8 feet
37.1 feet
37.8 feet
38.4 feet
39.1 feet
40.1 feet
40.2 feet
40.8 feet
40.7 feet
40.7 feet
40.9 feet
41.2 feet
40.3 feet
40.3 feet
40.1 feet
40.1 feet

42 feet
44 feet
45.1 feet
46.2 feet
46.1 feet
45.8 feet
45.4 feet
45.2 feet
thence North 80 Degrees 21 Minutes 20 Seconds East
44.6 feet thence North 83 Degrees 42 Minutes 52 Seconds East thence North 87 Degrees 58 Minutes 09 Seconds East thence South 87 Degrees 17 Minutes 06 Seconds East thence South 86 Degrees 23 Minutes 26 Seconds East thence South 85 Degrees 51 Minutes 13 Seconds East thence South 83 Degrees 55 Minutes 49 Seconds East thence South 83 Degrees 18 Minutes 41 Seconds East thence South 84 Degrees 56 Minutes 59 Seconds East thence South 88 Degrees 47 Minutes 11 Seconds East thence North 86 Degrees 26 Minutes 22 Seconds East thence North 78 Degrees 08 Minutes 40 Seconds East thence North 66 Degrees 38 Minutes 23 Seconds East thence North 53 Degrees 50 Minutes 29 Seconds East thence North 38 Degrees 01 Minutes 29 Seconds East thence North 21 Degrees 52 Minutes 10 Seconds East thence North 05 Degrees 46 Minutes 03 Seconds East 44.2 feet 44 feet 43.4 feet 43.1 feet 42.1 feet 41.3 feet 40.3 feet 38.6 feet 36.8 feet 34.8 feet 32.8 feet 31 feet
29.1 feet 28 feet
26.9 feet 24.7 feet thence North 14 Degrees 09 Minutes 41 Seconds West 23.3 feet thence North 29 Degrees 03 Minutes 38 Seconds West 23.2 feet thence North 41 Degrees 30 Minutes 24 Seconds West 24.4 feet thence North 47 Degrees 17 Minutes 44 Seconds West 26.9 feet thence North 47 Degrees 40 Minutes 26 Seconds West 33.9 feet thence North 45 Degrees 19 Minutes 14 Seconds West 36.7 feet thence North 42 Degrees 51 Minutes 42 Seconds West 37.9 feet thence North 38 Degrees 31 Minutes 54 Seconds West 39.3 feet thence North 31 Degrees 32 Minutes 21 Seconds West 38 feet thence North 25 Degrees 58 Minutes 48 Seconds West 37.1 feet thence North 20 Degrees 26 Minutes 25 Seconds West 35.3 feet thence North 14 Degrees 29 Minutes 35 Seconds West 33.5 feet thence North 07 Degrees 26 Minutes 44 Seconds West 31.7 feet thence North 02 Degrees 10 Minutes 06 Seconds West 30.5 feet thence North 06 Degrees 01 Minutes 09 Seconds East 29.7 feet thence North 14 Degrees 49 Minutes 12 Seconds East 28.9 feet thence North 24 Degrees 16 Minutes 44 Seconds East 30 feet thence North 26 Degrees 14 Minutes 39 Seconds East 29.3 feet thence North 23 Degrees 31 Minutes 04 Seconds East 30.9 feet thence North 12 Degrees 59 Minutes 18 Seconds East 31.4 feet thence North 00 Degrees 52 Minutes 56 Seconds West 33.5 feet thence North 13 Degrees 18 Minutes 55 Seconds West 35 feet thence North 15 Degrees 54 Minutes 06 Seconds West 35.4 feet thence North 15 Degrees 21 Minutes 04 Seconds West 36.7 feet thence North 14 Degrees 28 Minutes 42 Seconds West 37.6 feet thence North 13 Degrees 30 Minutes 13 Seconds West 37.4 feet thence North 14 Degrees 06 Minutes 41 Seconds West 37.2 feet thence North 18 Degrees 35 Minutes 36 Seconds West 36.6 feet thence North 25 Degrees 27 Minutes 55 Seconds West 35.5 feet thence North 29 Degrees 13 Minutes 23 Seconds West 36 feet thence North 29 Degrees 47 Minutes 47 Seconds West 34.7 feet thence North 30 Degrees 03 Minutes 56 Seconds West 34.4 feet
thence North 30 Degrees 20 Minutes 20 Seconds West 34.1 feet thence North 33 Degrees 51 Minutes 24 Seconds West 33.9 feet thence North 39 Degrees 55 Minutes 00 Seconds West 34.5 feet thence North 47 Degrees 13 Minutes 02 Seconds West 35.1 feet thence North 52 Degrees 56 Minutes 21 Seconds West 36.8 feet thence North 56 Degrees 37 Minutes 50 Seconds West 37.9 feet thence North 60 Degrees 34 Minutes 33 Seconds West 39.7 feet thence North 63 Degrees 32 Minutes 58 Seconds West 40.8 feet thence North 66 Degrees 08 Minutes 00 Seconds West 42.4 feet thence North 66 Degrees 39 Minutes 59 Seconds West 43.3 feet thence North 66 Degrees 00 Minutes 58 Seconds West 44.6 feet thence North 61 Degrees 01 Minutes 45 Seconds West 46.3 feet thence North 56 Degrees 13 Minutes 10 Seconds West 38 feet more or less to the ending point at: 39 degrees 48 minutes 21.95 seconds North Latitude and -109 degrees 36 minutes 44.12 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,170,692.9$ feet and $\mathrm{Y}=7,103,692.0$ feet.

## Appendix AG to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 070<br>Road-Segment Length: 0.51 miles more or less.<br>Believed owner of the land underlying this road-segment is: Bureau of Land Management.

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

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

This road-segment may traverse:
Township 11 South Range 21 East, Section(s) 31, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 070 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 48 minutes 36.98 seconds North Latitude and -109 degrees 36 minutes 35.74 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,171,314.0$ feet and Y $=7,105,226.5$ feet; thence the following courses along the said road center line:
thence North 26 Degrees 51 Minutes 37 Seconds East 27.3 feet thence North 29 Degrees 29 Minutes 18 Seconds East 36.3 feet thence North 28 Degrees 22 Minutes 27 Seconds East 35.5 feet thence North 25 Degrees 45 Minutes 53 Seconds East 35.1 feet thence North 20 Degrees 33 Minutes 30 Seconds East 34.1 feet thence North 15 Degrees 14 Minutes 02 Seconds East 33 feet thence North 07 Degrees 57 Minutes 54 Seconds East 34.2 feet thence North 01 Degrees 52 Minutes 55 Seconds East 34.2 feet thence North 05 Degrees 13 Minutes 11 Seconds West 34.6 feet thence North 07 Degrees 35 Minutes 01 Seconds West 33.7 feet thence North 07 Degrees 57 Minutes 14 Seconds West 32.1 feet
thence North 08 Degrees 06 Minutes 45 Seconds West 31.5 feet thence North 14 Degrees 12 Minutes 19 Seconds West 30.1 feet thence North 21 Degrees 53 Minutes 30 Seconds West 30.3 feet thence North 28 Degrees 34 Minutes 43 Seconds West 29.8 feet thence North 32 Degrees 19 Minutes 33 Seconds West 27.9 feet thence North 32 Degrees 15 Minutes 04 Seconds West 26.7 feet thence North 24 Degrees 16 Minutes 59 Seconds West 25.9 feet thence North 14 Degrees 32 Minutes 11 Seconds West 25.4 feet thence North 06 Degrees 06 Minutes 10 Seconds West 26.1 feet thence North 02 Degrees 36 Minutes 54 Seconds East 25.6 feet thence North 05 Degrees 19 Minutes 11 Seconds East 26.7 feet thence North 08 Degrees 06 Minutes 22 Seconds East 26.9 feet thence North 09 Degrees 29 Minutes 07 Seconds East 27 feet thence North 10 Degrees 10 Minutes 15 Seconds East 27 feet thence North 09 Degrees 29 Minutes 07 Seconds East 27 feet thence North 08 Degrees 47 Minutes 50 Seconds East 26.9 feet thence North 07 Degrees 13 Minutes 43 Seconds East 27.5 feet thence North 07 Degrees 19 Minutes 11 Seconds East 27.1 feet thence North 06 Degrees 28 Minutes 06 Seconds East 27.8 feet thence North 06 Degrees 37 Minutes 56 Seconds East 27.1 feet thence North 05 Degrees 07 Minutes 11 Seconds East 27.7 feet thence North 05 Degrees 07 Minutes 11 Seconds East 27.7 feet thence North 03 Degrees 45 Minutes 54 Seconds East 27.6 feet thence North 01 Degrees 42 Minutes 02 Seconds East 27.9 feet thence North 02 Degrees 22 Minutes 25 Seconds East 27.9 feet thence North 01 Degrees 02 Minutes 36 Seconds East 27.6 feet thence North 01 Degrees 04 Minutes 35 Seconds East 26.9 feet thence North 00 Degrees 23 Minutes 12 Seconds East 26.6 feet thence North 01 Degrees 01 Minutes 09 Seconds West 26.9 feet thence North 00 Degrees 19 Minutes 14 Seconds West 25.9 feet thence North 06 Degrees 15 Minutes 40 Seconds East 25.8 feet thence North 12 Degrees 17 Minutes 16 Seconds East 25.6 feet thence North 17 Degrees 52 Minutes 42 Seconds East 25.2 feet thence North 26 Degrees 35 Minutes 07 Seconds East 24.7 feet thence North 37 Degrees 37 Minutes 17 Seconds East 24.5 feet thence North 46 Degrees 52 Minutes 55 Seconds East 24.1 feet thence North 56 Degrees 12 Minutes 50 Seconds East 23.2 feet thence North 62 Degrees 22 Minutes 47 Seconds East 22.9 feet thence North 70 Degrees 14 Minutes 21 Seconds East 23.7 feet thence North 75 Degrees 38 Minutes 35 Seconds East 24.4 feet thence North 74 Degrees 41 Minutes 52 Seconds East 24.1 feet thence North 71 Degrees 29 Minutes 25 Seconds East 24.2 feet thence North 64 Degrees 10 Minutes 54 Seconds East 23.6 feet thence North 59 Degrees 00 Minutes 07 Seconds East 22.5 feet thence North 50 Degrees 45 Minutes 06 Seconds East 21.9 feet thence North 45 Degrees 55 Minutes 29 Seconds East 21.4 feet thence North 34 Degrees 53 Minutes 49 Seconds East 20.5 feet thence North 27 Degrees 28 Minutes 51 Seconds East 20.4 feet thence North 17 Degrees 15 Minutes 02 Seconds East 20.7 feet
thence North 08 Degrees 17 Minutes 42 Seconds East 21.9 feet thence North 06 Degrees 23 Minutes 21 Seconds East 22.5 feet thence North 02 Degrees 48 Minutes 56 Seconds East 24 feet thence North 02 Degrees 54 Minutes 14 Seconds East 23.3 feet thence North 01 Degrees 58 Minutes 51 Seconds West 22.7 feet thence North 05 Degrees 21 Minutes 46 Seconds West 22.4 feet thence North 12 Degrees 56 Minutes 23 Seconds West 22.5 feet thence North 22 Degrees 07 Minutes 19 Seconds West 21.2 feet thence North 32 Degrees 08 Minutes 52 Seconds West 22.4 feet thence North 37 Degrees 11 Minutes 25 Seconds West 24.6 feet thence North 38 Degrees 52 Minutes 15 Seconds West 26.9 feet thence North 37 Degrees 11 Minutes 25 Seconds West 29.5 feet thence North 33 Degrees 20 Minutes 39 Seconds West 31.3 feet thence North 31 Degrees 17 Minutes 03 Seconds West 30.6 feet thence North 30 Degrees 58 Minutes 16 Seconds West 30.9 feet thence North 31 Degrees 17 Minutes 03 Seconds West 30.6 feet thence North 32 Degrees 39 Minutes 02 Seconds West 30.7 feet thence North 32 Degrees 27 Minutes 28 Seconds West 30.2 feet thence North 26 Degrees 18 Minutes 35 Seconds West 29.2 feet thence North 20 Degrees 48 Minutes 03 Seconds West 29.1 feet thence North 15 Degrees 41 Minutes 48 Seconds West 27.2 feet thence North 08 Degrees 38 Minutes 46 Seconds West 27.2 feet thence North 06 Degrees 44 Minutes 21 Seconds West 26.4 feet thence North 03 Degrees 51 Minutes 10 Seconds West 26.6 feet thence North 02 Degrees 23 Minutes 26 Seconds West 27.3 feet thence North 02 Degrees 20 Minutes 30 Seconds West 27.9 feet thence North 04 Degrees 15 Minutes 56 Seconds West 28.6 feet thence North 08 Degrees 32 Minutes 23 Seconds West 29.8 feet thence North 12 Degrees 50 Minutes 57 Seconds West 30.3 feet thence North 17 Degrees 47 Minutes 04 Seconds West 30.6 feet thence North 25 Degrees 35 Minutes 01 Seconds West 32.3 feet thence North 34 Degrees 09 Minutes 20 Seconds West 35.9 feet thence North 43 Degrees 39 Minutes 54 Seconds West 40.2 feet thence North 46 Degrees 16 Minutes 50 Seconds West 41.5 feet thence North 50 Degrees 34 Minutes 14 Seconds West 43.1 feet thence North 52 Degrees 11 Minutes 25 Seconds West 38.8 feet more or less to the ending point at: 39 degrees 49 minutes 00.28 seconds North Latitude and -109 degrees 36 minutes 35.85 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,171,256.2$ feet and $\mathrm{Y}=7,107,583.1$ feet.

## Appendix AH to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 072<br>Road-Segment Length: 0.27 miles more or less.<br>Believed owner of the land underlying this road-segment is: Bureau of Land Management.

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

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

This road-segment may traverse:
Township 11 South Range 21 East, Section(s) 30, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 072 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 49 minutes 35.69 seconds North Latitude and - 109 degrees 36 minutes 35.98 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,171,170.6$ feet and Y $=7,111,164.5$ feet; thence the following courses along the said road center line:
thence North 44 Degrees 40 Minutes 46 Seconds East 1.9 feet
thence North 36 Degrees 59 Minutes 00 Seconds East 17.3 feet
thence North 28 Degrees 23 Minutes 08 Seconds East 15.7 feet
thence North 19 Degrees 46 Minutes 29 Seconds East 14.3 feet
thence North 15 Degrees 37 Minutes 30 Seconds East 11.9 feet
thence North 09 Degrees 48 Minutes 15 Seconds East 9.3 feet
thence North 08 Degrees 59 Minutes 22 Seconds East 20.3 feet
thence North 06 Degrees 48 Minutes 16 Seconds East 10.6 feet
thence North 04 Degrees 26 Minutes 35 Seconds East 15.8 feet
thence North 07 Degrees 33 Minutes 46 Seconds East 21.5 feet
thence North 06 Degrees 10 Minutes 44 Seconds East 26.1 feet
thence North 08 Degrees 39 Minutes 08 Seconds East 31.6 feet thence North 12 Degrees 16 Minutes 02 Seconds East 34.6 feet thence North 18 Degrees 36 Minutes 15 Seconds East 36.4 feet thence North 26 Degrees 00 Minutes 28 Seconds East 35.5 feet thence North 32 Degrees 19 Minutes 01 Seconds East 34.7 feet thence North 34 Degrees 09 Minutes 32 Seconds East 33 feet thence North 30 Degrees 56 Minutes 36 Seconds East 32.2 feet thence North 22 Degrees 29 Minutes 03 Seconds East 31.3 feet thence North 08 Degrees 22 Minutes 54 Seconds East 32.5 feet thence North 04 Degrees 14 Minutes 46 Seconds West 33.5 feet thence North 16 Degrees 15 Minutes 56 Seconds West 35.8 feet thence North 22 Degrees 43 Minutes 32 Seconds West 40.5 feet thence North 20 Degrees 09 Minutes 08 Seconds West 42.6 feet thence North 17 Degrees 23 Minutes 28 Seconds West 43.6 feet thence North 14 Degrees 08 Minutes 56 Seconds West 43.9 feet thence North 11 Degrees 42 Minutes 56 Seconds West 43.2 feet thence North 10 Degrees 16 Minutes 42 Seconds West 43.6 feet thence North 09 Degrees 07 Minutes 59 Seconds West 42.8 feet thence North 08 Degrees 27 Minutes 01 Seconds West 44.1 feet thence North 08 Degrees 34 Minutes 22 Seconds West 43.4 feet thence North 06 Degrees 57 Minutes 10 Seconds West 42.6 feet thence North 05 Degrees 25 Minutes 50 Seconds West 40.5 feet thence North 01 Degrees 08 Minutes 54 Seconds East 38.4 feet thence North 05 Degrees 50 Minutes 59 Seconds East 36.6 feet thence North 09 Degrees 13 Minutes 43 Seconds East 35.6 feet thence North 08 Degrees 25 Minutes 33 Seconds East 34.5 feet thence North 02 Degrees 27 Minutes 31 Seconds East 33.8 feet thence North 07 Degrees 09 Minutes 47 Seconds West 33 feet thence North 14 Degrees 04 Minutes 09 Seconds West 31.8 feet thence North 20 Degrees 56 Minutes 37 Seconds West 32.6 feet thence North 25 Degrees 22 Minutes 16 Seconds West 33.3 feet thence North 29 Degrees 22 Minutes 29 Seconds West 33.8 feet thence North 33 Degrees 41 Minutes 53 Seconds West 33.4 feet thence North 38 Degrees 06 Minutes 51 Seconds West 20.3 feet more or less to the ending point at: 39 degrees 49 minutes 48.89 seconds North Latitude and -109 degrees 36 minutes 36.01 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,171,139.8$ feet and $\mathrm{Y}=7,112,499.5$ feet.

## Appendix AI to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 074<br>Road-Segment Length: 0.29 miles more or less.<br>Believed owner of the land underlying this road-segment is: Bureau of Land Management.

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

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

This road-segment may traverse:
Township 11 South Range 21 East, Section(s) 30, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 074 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 50 minutes 6.3 seconds North Latitude and -109 degrees 36 minutes 44.31 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,170,455.1$ feet and $\mathrm{Y}=$ 7,114,247.2 feet; thence the following courses along the said road center line:
thence North 26 Degrees 32 Minutes 03 Seconds East 29.1 feet thence North 24 Degrees 17 Minutes 05 Seconds East 38.6 feet thence North 18 Degrees 35 Minutes 27 Seconds East 37.5 feet thence North 12 Degrees 35 Minutes 51 Seconds East 36.7 feet thence North 05 Degrees 29 Minutes 43 Seconds East 35.6 feet thence North 02 Degrees 30 Minutes 06 Seconds West 34.5 feet thence North 09 Degrees 14 Minutes 06 Seconds West 33.9 feet thence North 17 Degrees 13 Minutes 31 Seconds West 35 feet thence North 24 Degrees 04 Minutes 10 Seconds West 35.8 feet thence North 29 Degrees 52 Minutes 25 Seconds West 36.6 feet thence North 33 Degrees 08 Minutes 55 Seconds West 36.3 feet
thence North 37 Degrees 24 Minutes 09 Seconds West 35.4 feet thence North 41 Degrees 46 Minutes 06 Seconds West 33.7 feet thence North 45 Degrees 43 Minutes 35 Seconds West 32.7 feet thence North 51 Degrees 06 Minutes 46 Seconds West 32.2 feet thence North 56 Degrees 08 Minutes 35 Seconds West 32.1 feet thence North 62 Degrees 10 Minutes 42 Seconds West 32 feet thence North 69 Degrees 04 Minutes 10 Seconds West 31.7 feet thence North 73 Degrees 20 Minutes 40 Seconds West 32.6 feet thence North 76 Degrees 33 Minutes 33 Seconds West 33.1 feet thence North 77 Degrees 32 Minutes 29 Seconds West 32.6 feet thence North 75 Degrees 03 Minutes 54 Seconds West 29.9 feet thence North 66 Degrees 29 Minutes 45 Seconds West 27.6 feet thence North 53 Degrees 18 Minutes 34 Seconds West 26.7 feet thence North 39 Degrees 42 Minutes 09 Seconds West 28.4 feet thence North 25 Degrees 48 Minutes 33 Seconds West 31.3 feet thence North 20 Degrees 37 Minutes 28 Seconds West 35 feet thence North 20 Degrees 08 Minutes 14 Seconds West 38.7 feet thence North 22 Degrees 32 Minutes 59 Seconds West 40.8 feet thence North 23 Degrees 41 Minutes 39 Seconds West 42.2 feet thence North 25 Degrees 42 Minutes 28 Seconds West 42.9 feet thence North 27 Degrees 41 Minutes 01 Seconds West 42.1 feet thence North 27 Degrees 40 Minutes 12 Seconds West 42.9 feet thence North 28 Degrees 55 Minutes 50 Seconds West 41.1 feet thence North 30 Degrees 38 Minutes 37 Seconds West 40.3 feet thence North 33 Degrees 13 Minutes 31 Seconds West 39.9 feet thence North 35 Degrees 11 Minutes 43 Seconds West 39.6 feet thence North 35 Degrees 18 Minutes 43 Seconds West 40.1 feet thence North 32 Degrees 31 Minutes 51 Seconds West 38.8 feet thence North 30 Degrees 26 Minutes 01 Seconds West 37.9 feet thence North 26 Degrees 38 Minutes 54 Seconds West 35.5 feet thence North 23 Degrees 39 Minutes 50 Seconds West 34 feet thence North 20 Degrees 48 Minutes 25 Seconds West 31.9 feet thence North 17 Degrees 40 Minutes 26 Seconds West 5.5 feet more or less to the ending point at: 39 degrees 50 minutes 18.35 seconds North Latitude and -109 degrees 36 minutes 53.02 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,169,750.4$ feet and $\mathrm{Y}=7,115,452.1$ feet.

## Appendix AJ to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 076<br>Road-Segment Length: 0.03 miles more or less.<br>Believed owner of the land underlying this road-segment is: Bureau of Land Management.

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

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

This road-segment may traverse:
Township 11 South Range 21 East, Section(s) 19, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 076 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 50 minutes 19.44 seconds North Latitude and -109 degrees 36 minutes 53.02 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,169,747.8$ feet and Y $=7,115,561.7$ feet; thence the following courses along the said road center line:
thence North 16 Degrees 53 Minutes 45 Seconds East 24.4 feet
thence North 11 Degrees 59 Minutes 57 Seconds East 29.2 feet
thence North 02 Degrees 06 Minutes 59 Seconds East 30.9 feet thence North 11 Degrees 24 Minutes 09 Seconds West 32.4 feet thence North 23 Degrees 05 Minutes 25 Seconds West 28.8 feet more or less to the ending point at: 39 degrees 50 minutes 20.83 seconds North Latitude and -109 degrees 36 minutes 53.03 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,169,744.4$ feet and $\mathrm{Y}=7,115,702.8$ feet.

## Appendix AK to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 078<br>Road-Segment Length: 0.33 miles more or less.<br>Believed owner of the land underlying this road-segment is: Bureau of Land Management.

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

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

This road-segment may traverse:
Township 11 South Range 21 East, Section(s) 19, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 078 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 50 minutes 32.33 seconds North Latitude and - 109 degrees 37 minutes 01.81 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,169,035.1$ feet and $Y$ $=7,116,851.2$ feet; thence the following courses along the said road center line:
thence North 21 Degrees 05 Minutes 32 Seconds West 10.2 feet thence North 17 Degrees 21 Minutes 28 Seconds West 42.6 feet thence North 15 Degrees 39 Minutes 11 Seconds West 42.2 feet thence North 15 Degrees 53 Minutes 33 Seconds West 41.6 feet thence North 16 Degrees 08 Minutes 21 Seconds West 40.9 feet thence North 16 Degrees 23 Minutes 37 Seconds West 40.3 feet thence North 16 Degrees 04 Minutes 16 Seconds West 39.9 feet thence North 14 Degrees 55 Minutes 16 Seconds West 40.4 feet thence North 14 Degrees 34 Minutes 37 Seconds West 41.3 feet thence North 13 Degrees 35 Minutes 11 Seconds West 41.5 feet thence North 13 Degrees 05 Minutes 08 Seconds West 43.1 feet
thence North 12 Degrees 03 Minutes 11 Seconds West 43.6 feet thence North 12 Degrees 12 Minutes 31 Seconds West 44.6 feet thence North 12 Degrees 58 Minutes 50 Seconds West 46.4 feet thence North 15 Degrees 02 Minutes 34 Seconds West 46.5 feet thence North 17 Degrees 05 Minutes 47 Seconds West 46.6 feet thence North 19 Degrees 23 Minutes 55 Seconds West 46.2 feet thence North 20 Degrees 35 Minutes 08 Seconds West 45.5 feet thence North 20 Degrees 13 Minutes 50 Seconds West 44.3 feet thence North 20 Degrees 40 Minutes 23 Seconds West 43.4 feet thence North 19 Degrees 11 Minutes 00 Seconds West 41.6 feet thence North 14 Degrees 14 Minutes 27 Seconds West 39.6 feet thence North 05 Degrees 44 Minutes 13 Seconds West 38.2 feet thence North 00 Degrees 39 Minutes 03 Seconds East 38.7 feet thence North 08 Degrees 08 Minutes 28 Seconds East 40.1 feet thence North 12 Degrees 03 Minutes 38 Seconds East 41.3 feet thence North 14 Degrees 22 Minutes 38 Seconds East 41.4 feet thence North 14 Degrees 09 Minutes 53 Seconds East 40.7 feet thence North 12 Degrees 34 Minutes 05 Seconds East 39.7 feet thence North 09 Degrees 27 Minutes 44 Seconds East 38.6 feet thence North 06 Degrees 04 Minutes 27 Seconds East 38.3 feet thence North 01 Degrees 06 Minutes 43 Seconds East 39.4 feet thence North 07 Degrees 19 Minutes 45 Seconds West 40.3 feet thence North 14 Degrees 21 Minutes 22 Seconds West 41.9 feet thence North 19 Degrees 51 Minutes 23 Seconds West 43.2 feet thence North 23 Degrees 04 Minutes 15 Seconds West 44.1 feet thence North 25 Degrees 43 Minutes 39 Seconds West 43.6 feet thence North 29 Degrees 02 Minutes 06 Seconds West 43 feet thence North 30 Degrees 53 Minutes 57 Seconds West 41.9 feet thence North 35 Degrees 38 Minutes 47 Seconds West 41.4 feet thence North 41 Degrees 07 Minutes 09 Seconds West 41.2 feet thence North 43 Degrees 45 Minutes 17 Seconds West 42.5 feet thence North 42 Degrees 35 Minutes 37 Seconds West 4.9 feet more or less to the ending point at: 39 degrees 50 minutes 48.61 seconds North Latitude and -109 degrees 37 minutes 06.43 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,168,640.1$ feet and $Y=7,118,490.6$ feet.

## Appendix AL to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 080<br>Road-Segment Length: 0.36 miles more or less.<br>Believed owner of the land underlying this road-segment is: Bureau of Land Management.

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

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

This road-segment may traverse:
Township 11 South Range 20 East, Section(s) 13, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 080 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 51 minutes 11.46 seconds North Latitude and - 109 degrees 37 minutes 15.35 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,167,896.2$ feet and Y $=7,120,787.0$ feet; thence the following courses along the said road center line:
thence North 28 Degrees 13 Minutes 01 Seconds West 6.3 feet thence North 30 Degrees 36 Minutes 28 Seconds West 42.9 feet thence North 35 Degrees 36 Minutes 03 Seconds West 42.6 feet thence North 39 Degrees 57 Minutes 15 Seconds West 42.2 feet thence North 43 Degrees 44 Minutes 14 Seconds West 42 feet thence North 45 Degrees 57 Minutes 23 Seconds West 41.8 feet thence North 43 Degrees 24 Minutes 38 Seconds West 41.8 feet thence North 37 Degrees 38 Minutes 27 Seconds West 41.7 feet thence North 37 Degrees 27 Minutes 20 Seconds West 42.4 feet thence North 38 Degrees 25 Minutes 38 Seconds West 42.5 feet thence North 38 Degrees 42 Minutes 06 Seconds West 42.3 feet
thence North 40 Degrees 17 Minutes 44 Seconds West 42.4 feet thence North 43 Degrees 27 Minutes 07 Seconds West 42.7 feet thence North 43 Degrees 28 Minutes 19 Seconds West 43.2 feet thence North 42 Degrees 54 Minutes 31 Seconds West 44.1 feet thence North 39 Degrees 10 Minutes 23 Seconds West 45.5 feet thence North 32 Degrees 03 Minutes 45 Seconds West 45.5 feet thence North 24 Degrees 49 Minutes 58 Seconds West 45.1 feet thence North 20 Degrees 07 Minutes 07 Seconds West 43.6 feet thence North 15 Degrees 11 Minutes 43 Seconds West 43.5 feet thence North 10 Degrees 13 Minutes 26 Seconds West 42 feet thence North 03 Degrees 04 Minutes 04 Seconds West 41.1 feet thence North 03 Degrees 53 Minutes 57 Seconds East 40.1 feet thence North 11 Degrees 34 Minutes 07 Seconds East 38.2 feet thence North 18 Degrees 45 Minutes 19 Seconds East 37.1 feet thence North 23 Degrees 54 Minutes 28 Seconds East 36 feet thence North 28 Degrees 09 Minutes 44 Seconds East 35.1 feet thence North 28 Degrees 25 Minutes 11 Seconds East 34.8 feet thence North 26 Degrees 14 Minutes 42 Seconds East 33.8 feet thence North 21 Degrees 22 Minutes 31 Seconds East 32.8 feet thence North 14 Degrees 18 Minutes 03 Seconds East 31.2 feet thence North 04 Degrees 01 Minutes 52 Seconds East 30.3 feet thence North 05 Degrees 43 Minutes 53 Seconds West 31.3 feet thence North 13 Degrees 48 Minutes 55 Seconds West 33.7 feet thence North 19 Degrees 15 Minutes 31 Seconds West 35.4 feet thence North 21 Degrees 42 Minutes 45 Seconds West 34.2 feet thence North 22 Degrees 07 Minutes 16 Seconds West 33.6 feet thence North 24 Degrees 48 Minutes 42 Seconds West 32.5 feet thence North 23 Degrees 58 Minutes 58 Seconds West 31.9 feet thence North 26 Degrees 05 Minutes 20 Seconds West 31.7 feet thence North 24 Degrees 45 Minutes 49 Seconds West 31.7 feet thence North 24 Degrees 45 Minutes 49 Seconds West 31.7 feet thence North 25 Degrees 50 Minutes 01 Seconds West 32 feet thence North 25 Degrees 50 Minutes 01 Seconds West 32 feet thence North 26 Degrees 53 Minutes 05 Seconds West 32.3 feet thence North 27 Degrees 39 Minutes 07 Seconds West 32.9 feet thence North 27 Degrees 53 Minutes 39 Seconds West 33.3 feet thence North 29 Degrees 09 Minutes 18 Seconds West 33.3 feet thence North 32 Degrees 15 Minutes 52 Seconds West 32.9 feet thence North 38 Degrees 08 Minutes 33 Seconds West 31.6 feet thence North 44 Degrees 27 Minutes 06 Seconds West 30.6 feet thence North 50 Degrees 30 Minutes 51 Seconds West 2.6 feet more or less to the ending point at: 39 degrees 51 minutes 27.63 seconds North Latitude and -109 degrees 37 minutes 23.26 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,167,244.7$ feet and $\mathrm{Y}=7,122,409.6$ feet.

## Appendix AM to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 082<br>Road-Segment Length: 0.31 miles more or less.<br>Believed owner of the land underlying this road-segment is: Bureau of Land Management.

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

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

This road-segment may traverse:
Township 11 South Range 20 East, Section(s) 13, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 082 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 51 minutes 37.53 seconds North Latitude and - 109 degrees 37 minutes 32.69 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,166,489.1$ feet and Y $=7,123,395.7$ feet; thence the following courses along the said road center line:
thence North 27 Degrees 49 Minutes 54 Seconds West 17.8 feet thence North 25 Degrees 56 Minutes 30 Seconds West 35.7 feet thence North 24 Degrees 54 Minutes 04 Seconds West 33.9 feet thence North 22 Degrees 19 Minutes 51 Seconds West 33.3 feet thence North 21 Degrees 35 Minutes 57 Seconds West 33.5 feet thence North 21 Degrees 21 Minutes 26 Seconds West 32 feet thence North 22 Degrees 00 Minutes 31 Seconds West 31.1 feet thence North 21 Degrees 52 Minutes 36 Seconds West 28.6 feet thence North 24 Degrees 04 Minutes 09 Seconds West 26.9 feet thence North 27 Degrees 12 Minutes 23 Seconds West 26.1 feet thence North 31 Degrees 17 Minutes 00 Seconds West 26.8 feet
thence North 37 Degrees 29 Minutes 03 Seconds West 25.5 feet thence North 42 Degrees 35 Minutes 36 Seconds West 24.4 feet thence North 49 Degrees 53 Minutes 37 Seconds West 23.3 feet thence North 54 Degrees 58 Minutes 46 Seconds West 22.1 feet thence North 59 Degrees 21 Minutes 21 Seconds West 21 feet thence North 60 Degrees 57 Minutes 43 Seconds West 18.1 feet thence North 62 Degrees 01 Minutes 08 Seconds West 19.4 feet thence North 63 Degrees 45 Minutes 16 Seconds West 19.8 feet thence North 58 Degrees 24 Minutes 41 Seconds West 20.5 feet thence North 53 Degrees 26 Minutes 59 Seconds West 21.3 feet thence North 41 Degrees 40 Minutes 02 Seconds West 21.9 feet thence North 25 Degrees 46 Minutes 58 Seconds West 22.9 feet thence North 12 Degrees 14 Minutes 56 Seconds West 23.8 feet thence North 05 Degrees 34 Minutes 55 Seconds West 25 feet thence North 06 Degrees 39 Minutes 35 Seconds West 26.7 feet thence North 06 Degrees 34 Minutes 59 Seconds West 27.1 feet thence North 09 Degrees 32 Minutes 58 Seconds West 26.6 feet thence North 07 Degrees 16 Minutes 21 Seconds West 27.1 feet thence North 06 Degrees 13 Minutes 32 Seconds West 28.7 feet thence North 00 Degrees 58 Minutes 56 Seconds East 28.9 feet thence North 08 Degrees 39 Minutes 10 Seconds East 31.6 feet thence North 14 Degrees 00 Minutes 10 Seconds East 31.8 feet thence North 17 Degrees 21 Minutes 23 Seconds East 31.3 feet thence North 18 Degrees 29 Minutes 31 Seconds East 31.5 feet thence North 17 Degrees 55 Minutes 34 Seconds East 31.4 feet thence North 15 Degrees 22 Minutes 13 Seconds East 30.3 feet thence North 09 Degrees 52 Minutes 18 Seconds East 29.7 feet thence North 00 Degrees 19 Minutes 10 Seconds West 27.9 feet thence North 08 Degrees 44 Minutes 47 Seconds West 26.9 feet thence North 15 Degrees 41 Minutes 45 Seconds West 27.2 feet thence North 20 Degrees 03 Minutes 59 Seconds West 27.2 feet thence North 25 Degrees 08 Minutes 24 Seconds West 28.9 feet thence North 29 Degrees 11 Minutes 12 Seconds West 29.2 feet thence North 30 Degrees 03 Minutes 52 Seconds West 29.1 feet thence North 26 Degrees 35 Minutes 10 Seconds West 28.2 feet thence North 29 Degrees 22 Minutes 27 Seconds West 27 feet thence North 30 Degrees 03 Minutes 52 Seconds West 26.5 feet thence North 32 Degrees 22 Minutes 37 Seconds West 38.3 feet thence North 41 Degrees 14 Minutes 02 Seconds West 39.1 feet thence North 47 Degrees 03 Minutes 19 Seconds West 23 feet thence North 44 Degrees 45 Minutes 08 Seconds West 23.4 feet thence North 37 Degrees 31 Minutes 39 Seconds West 22.2 feet thence North 32 Degrees 02 Minutes 35 Seconds West 21.2 feet thence North 21 Degrees 47 Minutes 47 Seconds West 21.5 feet thence North 23 Degrees 04 Minutes 14 Seconds West 22.1 feet thence North 20 Degrees 22 Minutes 32 Seconds West 22 feet thence North 26 Degrees 53 Minutes 04 Seconds West 21.3 feet thence North 33 Degrees 10 Minutes 31 Seconds West 18.7 feet thence North 38 Degrees 17 Minutes 28 Seconds West 17.1 feet
thence North 47 Degrees 44 Minutes 20 Seconds West 16.5 feet thence North 55 Degrees 41 Minutes 43 Seconds West 16.7 feet thence North 51 Degrees 50 Minutes 22 Seconds West 16.3 feet thence North 62 Degrees 50 Minutes 42 Seconds West 9.2 feet more or less to the ending point at: 39 degrees 51 minutes 51.59 seconds North Latitude and -109 degrees 37 minutes 40.09 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,165,882.4$ feet and $Y=7,124,806.2$ feet.

## Appendix AN to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 084<br>Road-Segment Length: 0.18 miles more or less.<br>Believed owner of the land underlying this road-segment is: Bureau of Land Management.

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

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

This road-segment may traverse:
Township 11 South Range 20 East, Section(s) 12, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 084 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 52 minutes 16.67 seconds North Latitude and - 109 degrees 37 minutes 46.84 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,165,303.2$ feet and Y $=7,127,331.9$ feet; thence the following courses along the said road center line:
thence North 57 Degrees 58 Minutes 19 Seconds West 11.7 feet thence North 58 Degrees 02 Minutes 37 Seconds West 44.2 feet thence North 58 Degrees 51 Minutes 00 Seconds West 44.6 feet thence North 58 Degrees 16 Minutes 09 Seconds West 44.5 feet thence North 57 Degrees 19 Minutes 51 Seconds West 44.6 feet thence North 58 Degrees 02 Minutes 37 Seconds West 44.2 feet thence North 57 Degrees 56 Minutes 51 Seconds West 43.5 feet thence North 58 Degrees 27 Minutes 12 Seconds West 42.9 feet thence North 57 Degrees 50 Minutes 53 Seconds West 42.8 feet thence North 58 Degrees 49 Minutes 38 Seconds West 42.7 feet thence North 58 Degrees 41 Minutes 00 Seconds West 43.2 feet
thence North 59 Degrees 12 Minutes 15 Seconds West 42.5 feet thence North 59 Degrees 53 Minutes 59 Seconds West 41.5 feet thence North 60 Degrees 17 Minutes 32 Seconds West 41.3 feet thence North 59 Degrees 11 Minutes 49 Seconds West 40.6 feet thence North 59 Degrees 11 Minutes 49 Seconds West 40.6 feet thence North 59 Degrees 53 Minutes 59 Seconds West 41.5 feet thence North 59 Degrees 59 Minutes 45 Seconds West 40.3 feet thence North 59 Degrees 16 Minutes 26 Seconds West 39.4 feet thence North 58 Degrees 34 Minutes 49 Seconds West 37.4 feet thence North 58 Degrees 48 Minutes 54 Seconds West 35.8 feet thence North 57 Degrees 40 Minutes 55 Seconds West 34.7 feet thence North 57 Degrees 24 Minutes 51 Seconds West 33.2 feet thence North 50 Degrees 45 Minutes 35 Seconds West 9.8 feet more or less to the ending point at: 39 degrees 52 minutes 021.6 seconds North Latitude and -109 degrees 37 minutes 56.86 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,164,511.4$ feet and $\mathrm{Y}=7,127,814.7$ feet.

## Appendix AO to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 086<br>Road-Segment Length: 0.14 miles more or less.<br>Believed owner of the land underlying this road-segment is: Bureau of Land Management.

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

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

This road-segment may traverse:
Township 11 South Range 20 East, Section(s) 12, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 086 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 52 minutes 29.73 seconds North Latitude and -109 degrees 38 minutes 06.84 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,163,716.4$ feet and Y $=7,128,620.8$ feet; thence the following courses along the said road center line:
thence North 48 Degrees 22 Minutes 41 Seconds West 60.9 feet thence North 44 Degrees 08 Minutes 32 Seconds West 67.8 feet thence North 51 Degrees 29 Minutes 22 Seconds West 17.3 feet thence North 48 Degrees 49 Minutes 22 Seconds West 22.8 feet thence North 50 Degrees 25 Minutes 47 Seconds West 28.7 feet thence North 50 Degrees 30 Minutes 49 Seconds West 33.3 feet thence North 48 Degrees 04 Minutes 42 Seconds West 38.6 feet thence North 48 Degrees 45 Minutes 33 Seconds West 42.5 feet thence North 49 Degrees 43 Minutes 05 Seconds West 48.4 feet thence North 50 Degrees 02 Minutes 22 Seconds West 50.8 feet thence North 50 Degrees 06 Minutes 14 Seconds West 52.9 feet
thence North 49 Degrees 50 Minutes 00 Seconds West 53.1 feet thence North 49 Degrees 24 Minutes 18 Seconds West 52.1 feet thence North 49 Degrees 43 Minutes 05 Seconds West 51.4 feet thence North 49 Degrees 05 Minutes 51 Seconds West 49.3 feet thence North 48 Degrees 50 Minutes 42 Seconds West 49 feet thence North 50 Degrees 30 Minutes 49 Seconds West 2.6 feet more or less to the ending point at: 39 degrees 52 minutes 34.52 seconds North Latitude and -109 degrees 38 minutes 13.69 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,163,172.7$ feet and $\mathrm{Y}=7,129,094.2$ feet.

## Appendix AP to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 088<br>Road-Segment Length: $\mathbf{0 . 0 1}$ miles more or less.<br>Believed owner of the land underlying this road-segment is: Bureau of Land Management.

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

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

This road-segment may traverse:
Township 11 South Range 20 East, Section(s) 11, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 088 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 52 minutes 042.8 seconds North Latitude and -109 degrees 38 minutes 29.69 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,161,907.8$ feet and Y $=7,129,905.5$ feet; thence the following courses along the said road center line:
thence North 80 Degrees 15 Minutes 01 Seconds West 35.7 feet
thence North 75 Degrees 41 Minutes 54 Seconds West 31.2 feet more or less to the ending point at: 39 degrees 52 minutes 42.95 seconds North Latitude and -109 degrees 38 minutes 30.53 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,161,842.4$ feet and $\mathrm{Y}=7,129,919.2$ feet.

## Appendix AQ to Attachment 4

Popular Name: Willow Creek Road<br>County: Uintah<br>County Road Number: 5120<br>State Geographic Information Database (SGID) Road Identification Number: RD243350.<br>Road-Segment Number: 091<br>Road-Segment Length: 0.35 miles more or less.<br>Believed owner of the land underlying this road-segment is: Bureau of Land Management.

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

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

This road-segment may traverse:
Township 11 South Range 20 East, Section(s) 3, Salt Lake Base \& Meridian
The following description closely approximates the location of the centerline of the physical monument (Willow Creek Road)-- Segment 091 based on mapping grade Global Positioning System (GPS) data as defined above:

Beginning at a point on the road center line located at 39 degrees 53 minutes 022.6 seconds North Latitude and - 109 degrees 39 minutes 21.01 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,157,825.5$ feet and Y $=7,133,849.5$ feet; thence the following courses along the said road center line:
thence North 68 Degrees 12 Minutes 35 Seconds West 34 feet thence North 66 Degrees 32 Minutes 34 Seconds West 51.3 feet thence North 63 Degrees 35 Minutes 22 Seconds West 51.1 feet thence North 63 Degrees 25 Minutes 05 Seconds West 50 feet thence North 65 Degrees 58 Minutes 11 Seconds West 49.3 feet thence North 68 Degrees 35 Minutes 21 Seconds West 48.7 feet thence North 69 Degrees 48 Minutes 30 Seconds West 48.7 feet thence North 72 Degrees 07 Minutes 29 Seconds West 49.4 feet thence North 72 Degrees 36 Minutes 12 Seconds West 49.6 feet thence North 71 Degrees 32 Minutes 03 Seconds West 50.9 feet thence North 69 Degrees 04 Minutes 07 Seconds West 50.7 feet
thence North 66 Degrees 45 Minutes 01 Seconds West 53.3 feet thence North 65 Degrees 19 Minutes 24 Seconds West 53.6 feet thence North 63 Degrees 35 Minutes 54 Seconds West 54 feet thence North 62 Degrees 30 Minutes 43 Seconds West 54.2 feet thence North 62 Degrees 49 Minutes 57 Seconds West 54.7 feet thence North 62 Degrees 12 Minutes 21 Seconds West 54.3 feet thence North 59 Degrees 57 Minutes 39 Seconds West 53.2 feet thence North 57 Degrees 14 Minutes 03 Seconds West 51.7 feet thence North 56 Degrees 31 Minutes 30 Seconds West 50.1 feet thence North 55 Degrees 06 Minutes 05 Seconds West 47.8 feet thence North 54 Degrees 06 Minutes 35 Seconds West 45.5 feet thence North 48 Degrees 39 Minutes 00 Seconds West 43.9 feet thence North 43 Degrees 09 Minutes 08 Seconds West 43 feet thence North 36 Degrees 46 Minutes 26 Seconds West 45.3 feet thence North 31 Degrees 37 Minutes 07 Seconds West 48 feet thence North 27 Degrees 53 Minutes 11 Seconds West 50.3 feet thence North 26 Degrees 53 Minutes 03 Seconds West 52.1 feet thence North 25 Degrees 56 Minutes 51 Seconds West 53.9 feet thence North 25 Degrees 49 Minutes 34 Seconds West 55.6 feet thence North 25 Degrees 58 Minutes 20 Seconds West 55.3 feet thence North 26 Degrees 34 Minutes 25 Seconds West 54.1 feet thence North 27 Degrees 02 Minutes 23 Seconds West 54 feet thence North 25 Degrees 26 Minutes 38 Seconds West 52.6 feet thence North 22 Degrees 47 Minutes 54 Seconds West 51.5 feet thence North 20 Degrees 31 Minutes 32 Seconds West 50.3 feet thence North 19 Degrees 49 Minutes 17 Seconds West 33.4 feet more or less to the ending point at: 39 degrees 53 minutes 33.97 seconds North Latitude and -109 degrees 39 minutes 38 seconds West Longitude, which can be converted to mapping accuracy State Plane Utah Central Zone NAD 83 feet coordinates of $\mathrm{X}=2,156,477.9$ feet and $\mathrm{Y}=7,134,972.5$ feet.

