

**LAZYMEN INVENTORIED ROADLESS AREA  
#4000-001 and TEN SPURS  
INTRODUCTION TO:**

**Report A: 4000-001 South**

**Report B: 4000-001 North**

**Report C: 4000-NS01**

**Report D: 4000-NS04**

**Report E: 4000-NS Spurs: 03, 05, 06, 08, 09, 10, 11, 12**

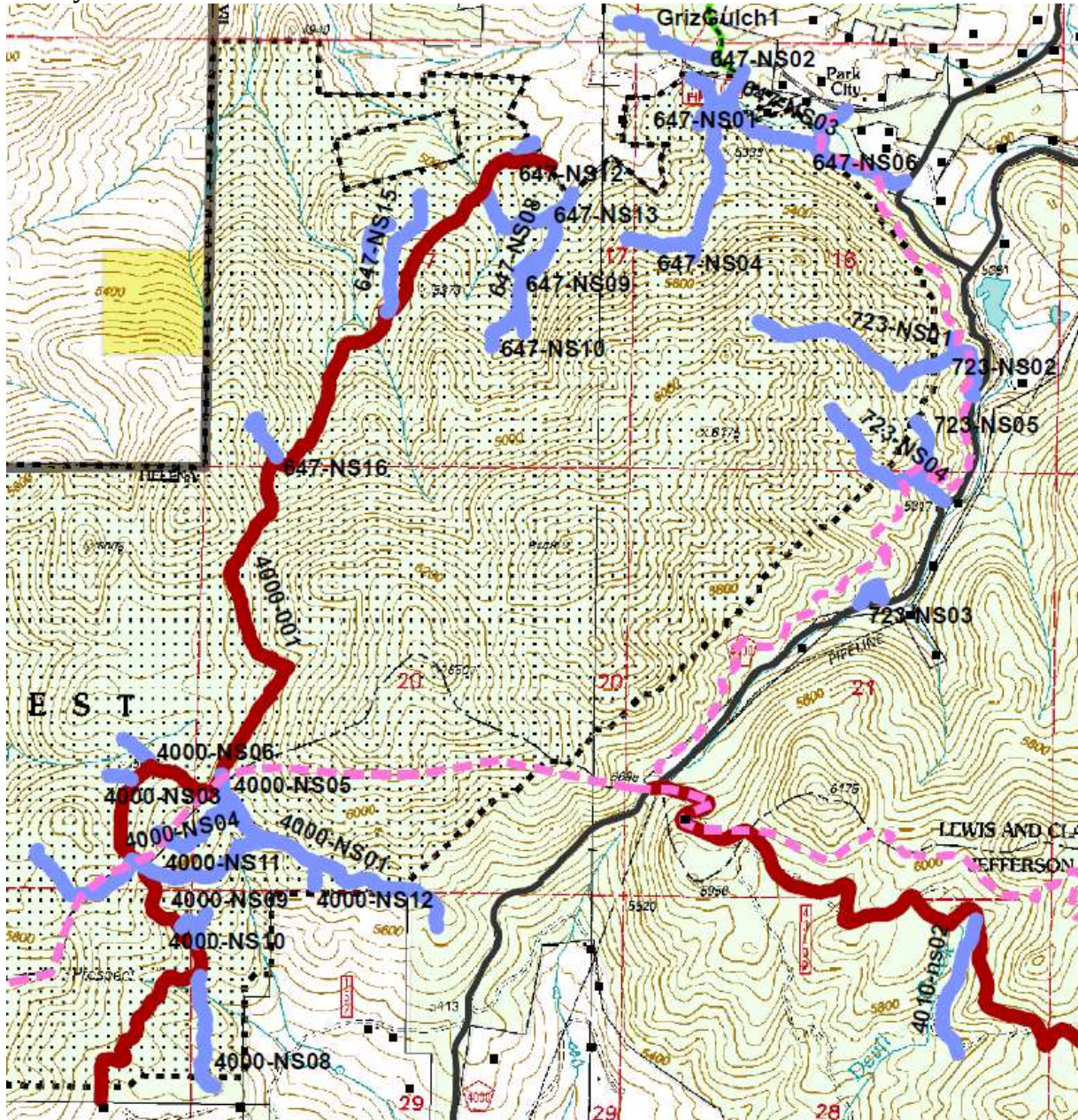
**Report F: 647-NS Spurs: 08, 09, 10, 12, 13, 15, 16**

**Report G: 647-NS: 01, 02, 04, 06 (detached from 4000-001)**

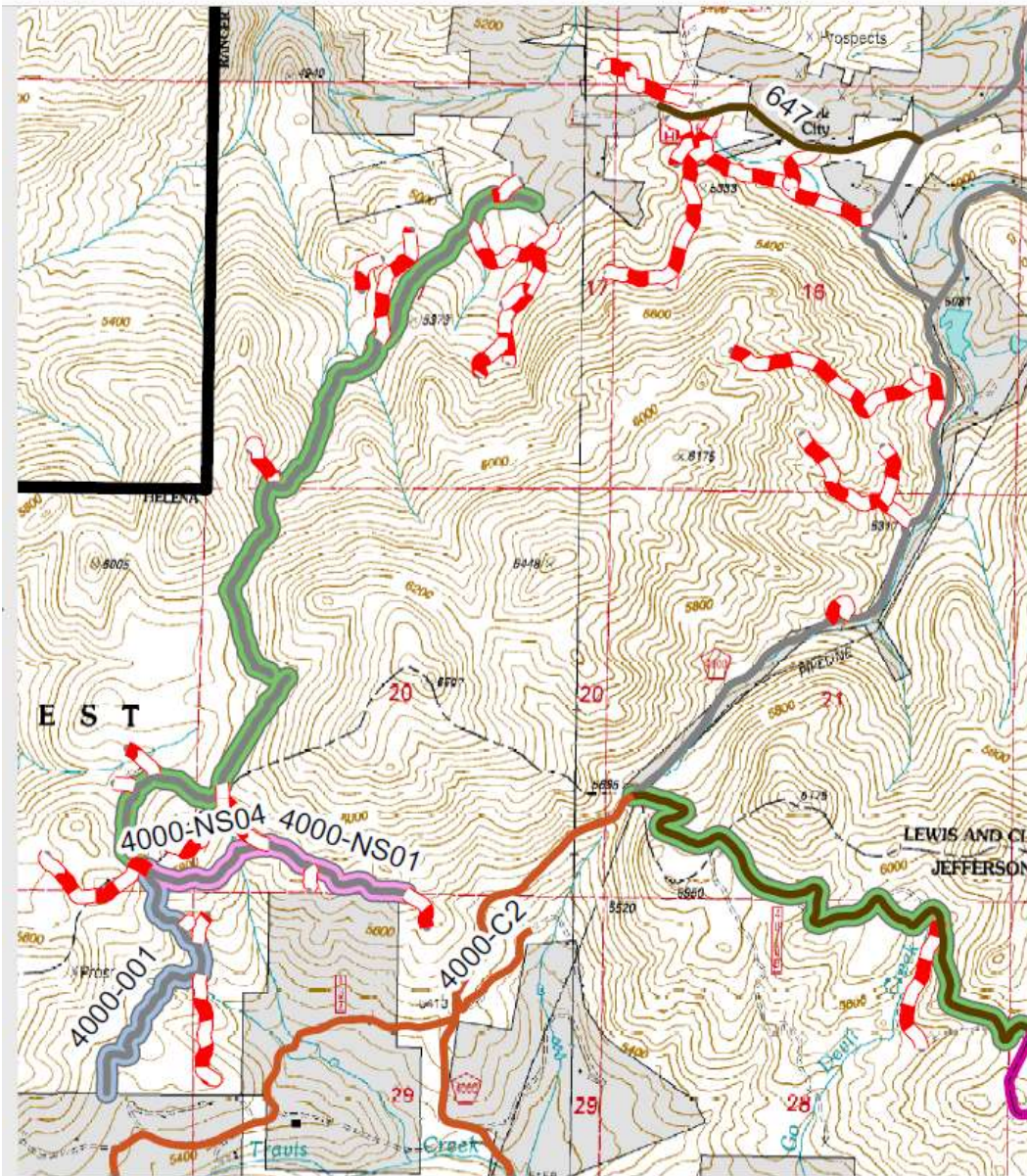
**Surveyed and compiled by Gayle Joslin, except for spurs in Report F which were surveyed by Gary Ingman.**

**Location:** Lazyman IRA, Travis Creek

The Alternative 4 Transportation, Trails, and Road Closure/Obliteration map provides road numbers and otherwise mimics the ROD map. The Alternative 4 map was used in field surveys.

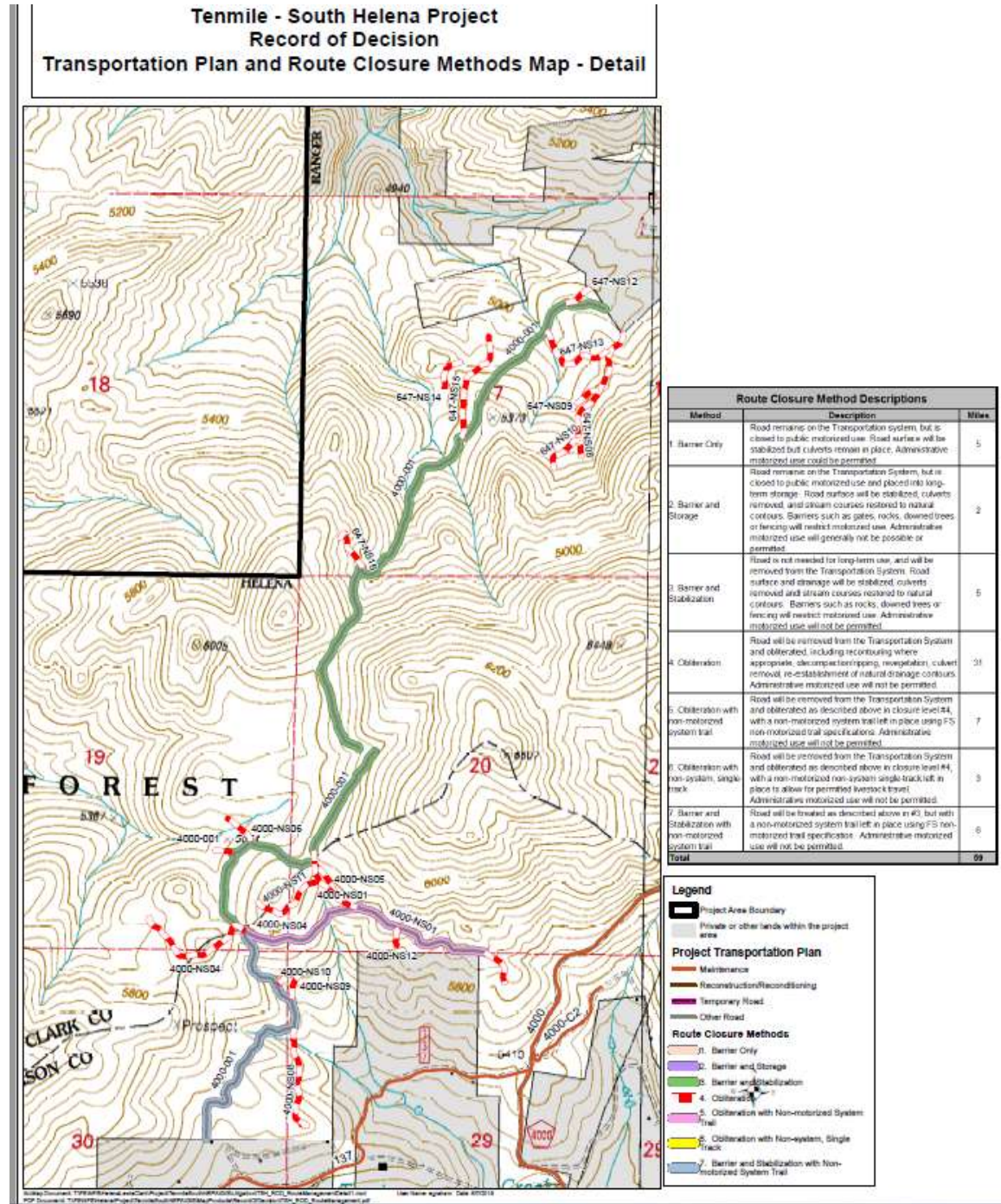


The Record of Decision Transportation Plan and Route Closure Methods Map that was provided to the public shows no road numbers.

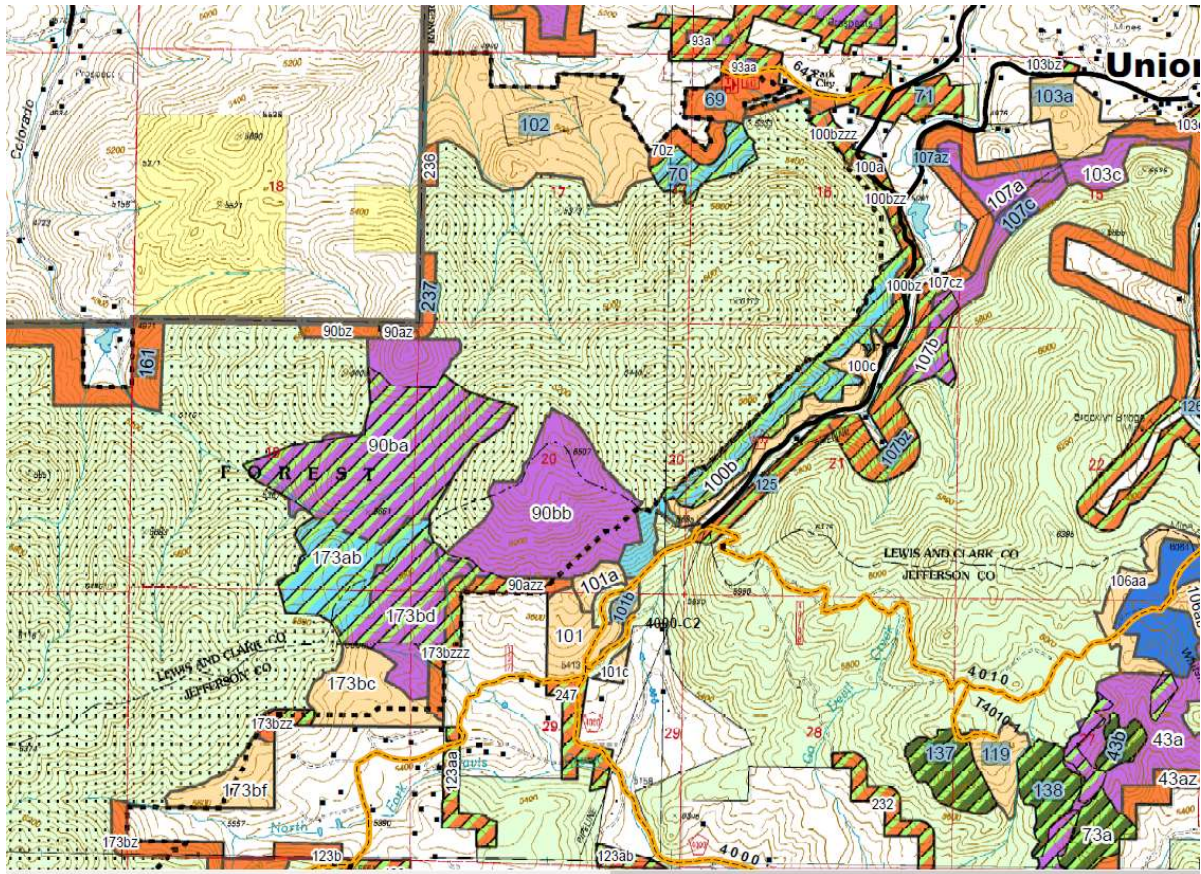


The following map was provided by the Helena National Forest on June 7, 2019 when Gayle Joslin went in and asked for help in deciphering which roads belonged to which numbers. After this small portion of the ROD map with numbers (that the public did not receive) was obtained, the Forest Service employee said he would no longer be able to speak with me due to litigation. It has been very difficult to find useful information for on-the-ground use

for this project that an average person can open without needing to have expensive ARC-GIS software.



Vegetation Units that correspond with 4000-001 road and spurs – from Record of Decision Vegetation Treatments:



**METHODS:**

Reports A, B, C, D, E, and G used the Avenza map app to follow geo-referenced USFS PDF map of “roads.” Avenza uses the term “Placemark” instead of GPS Waypoint. Paper Maps mapping app was used for #647 spurs included in Report F.

Google Earth was used to map waypoints on a 3-dimensional satellite image of the “road” and surrounding terrain (below) except for Report F.

Waypoints were taken approximately every 100 yards (120 steps) with a Garmin XL12 GPS, and for Report F waypoints (called Placemarks) were registered in the Paper Maps mapping application.

#4000-001 is at least 3.5 miles long with 17 spurs, so it was divided into two manageable segments: the Southern portion with its ten spurs (this report), and the Northern Portion with its seven spurs, all of which begin with #627. Four spurs that are detached from 4000-001 but still identified as #647 were included in their own report (G).

On April 28, I (Gayle Joslin) hiked to 4000-NS01 from the Travis Creek county road to the edge of Lazyman IRA. On that day I surveyed NS01, NS05, NS11, in that order. I tried to hike to the end of NS04 and work back to 4000-001 but due to the faintness of the “road” I couldn’t find the farthest point, so had to redo NS04 on April 30, and also completed NS12

on that date. On May 4, I completed 4000-001, NS06, NS03, NS09, NS10, and NS08, in that order. On May

The full length of nearly all road segments on the Alternative 4 Transportation, Trails, and Road Closure/Obliteration map, within the Lazyman Inventoried Roadless Area, was surveyed. Waypoints were taken every 300 feet (120 steps for me) to provide a random sample of road conditions. Generally, 2 photographs were taken at each waypoint, one in the direction of travel and one behind at about 180°. If interesting features occurred along the way, photographs were taken between numbered waypoints.

At each waypoint the following was noted: time, photo number, physical description of the site, aspect, width of the roadbed (if there was one), approximate terrain slope, vegetation, whether any bare ground or weeds occurred in the trail or roadbed, creek/moist area, and wildlife sign. A measuring tape, pulled out to 3' for reference (unless otherwise noted), was almost always in the first photo at each waypoint. Roadbed width, if present, was recorded.

Avenza map app or Paper Maps app was utilized to find location of "roads" that could not readily be found with the naked eye. Google Earth was employed to display waypoints in a 3D projection.

If multiple photos are taken at a waypoint, all photos from that waypoint are displayed on one page. For example, there are 22 waypoints for 4000-001, but 28 photos were taken. This does not include photos for each spur. Documentation of each spur followed the same protocol.

**Existing National Forest Transportation System road?** [Matt – Yes/No and explain]

**Will road be added to National Forest Transportation System during project, as per Tenmile project ROD?**

**Will road be used by mechanized equipment as per Tenmile project ROD?** Yes [ Matt - explain, if possible]

**Purpose of the road as per Tenmile project ROD:**  
[Matt – i.e., to access units \*\* which include \*\* and will entail \*\*.]

**Closure method proposed for road after project complete as per Tenmile ROD:** [Matt – explain obliteration etc.. and what that entails/other info. from record etc..]

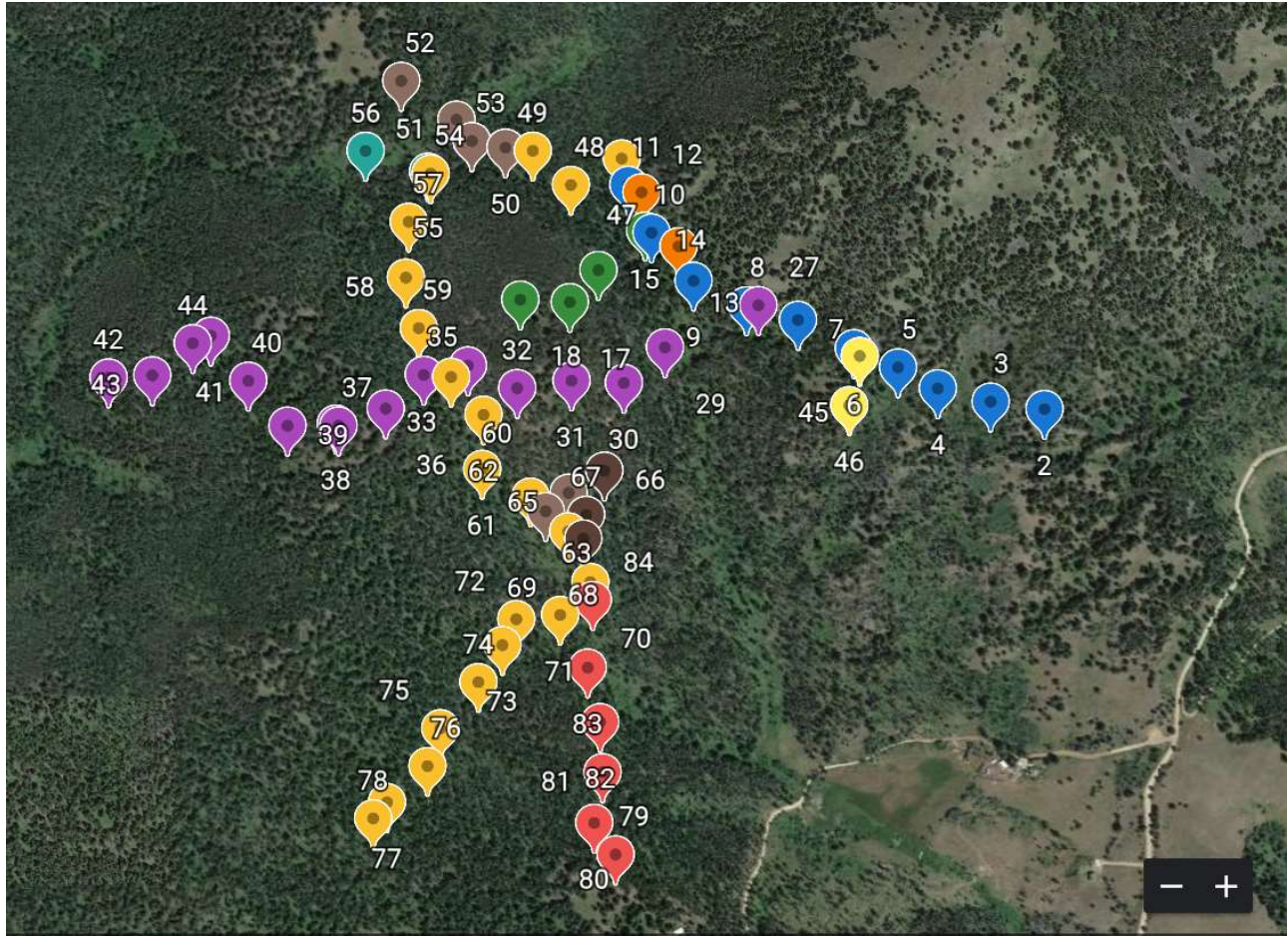
<b>Name of Surveyor(s):</b>	Gayle Joslin	Gary Ingman
<b>Date(s) surveyed:</b>	June 2, 2019 April 28, 2020 April 30, 2020	May 11, 2020 May 16, 2020

May 4, 2020  
May 11, 2020  
**GPS Model:** Garmin XL12  
**Datum:** WGS84  
**GPS Position Format:** hddd°mm'ss.s"  
**Mapping Apps:** Avenza or Paper Map to follow geo-referenced FS road map;  
Google Earth 3D waypoint map  
**Time spent:** April 28=2 hrs; April 30=4 hrs; May 4=9 hrs May 11=11 hrs;  
May 16=4 hrs. **Total: 30 hrs in the field**  
(April 30 work had to be redone because road could not be  
located without Avenza mapping application, which was obtained May 1)

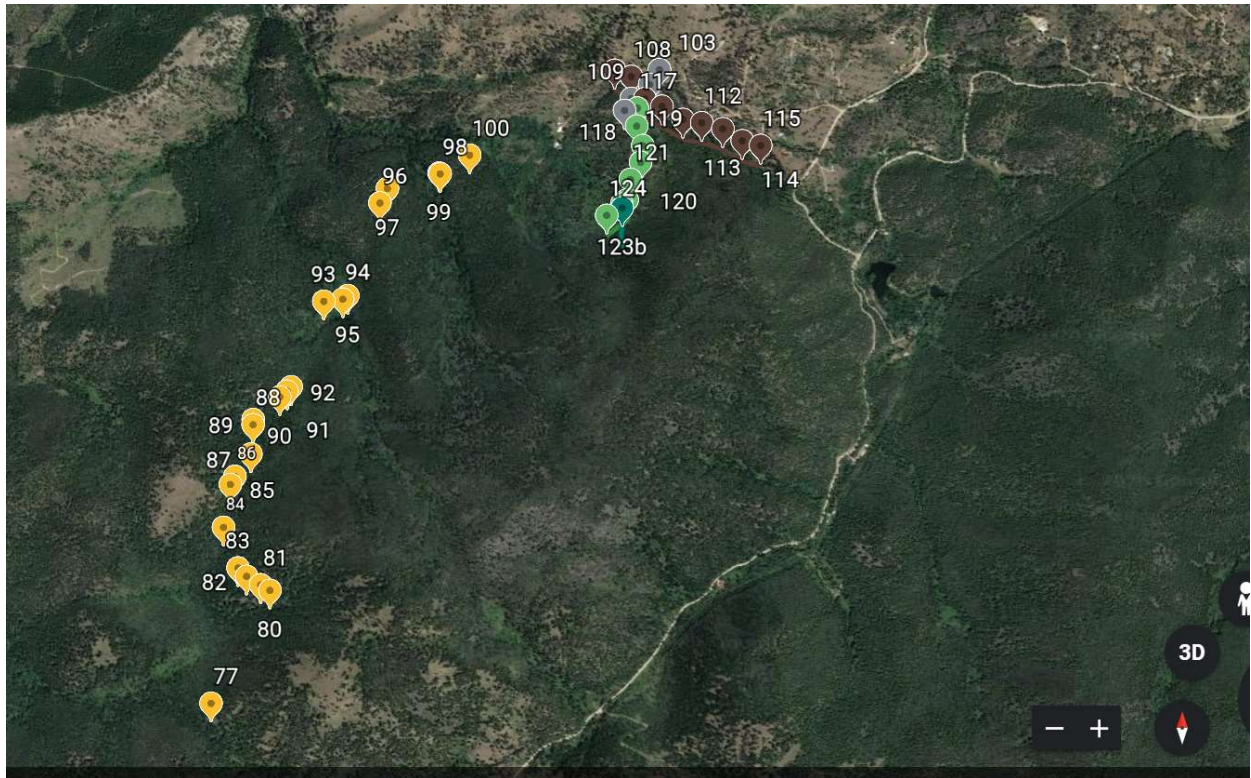
**Survey (waypoints, photos, and narrative):**

4000-001 and all its associated spurs are not on the Helena National Forest (HNF) Road Report, 2004 (inventory of all roads). Where they can be seen, these segments are old wagon 2-tracks. Extending between Helena and Clancy, the county road (#4000) runs from Helena south up Grizzly Gulch, over the County Line from Lewis and Clark County to Jefferson County, then down through Travis Creek, which eventually merges with Lump Gulch and continues to Clancy.

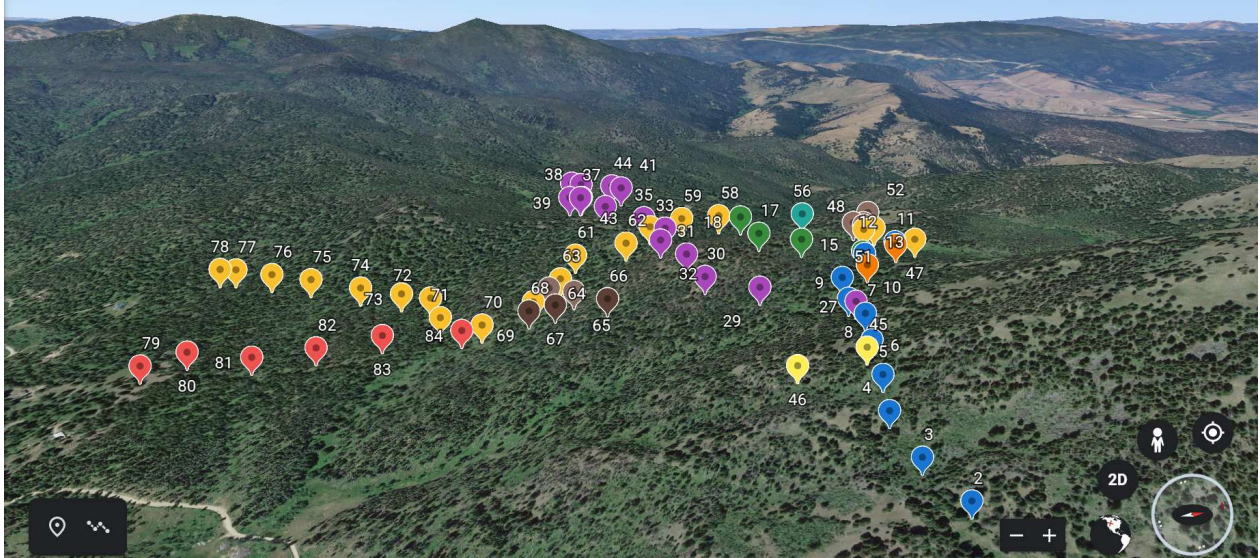
**4000-001 South Roads and Spurs**



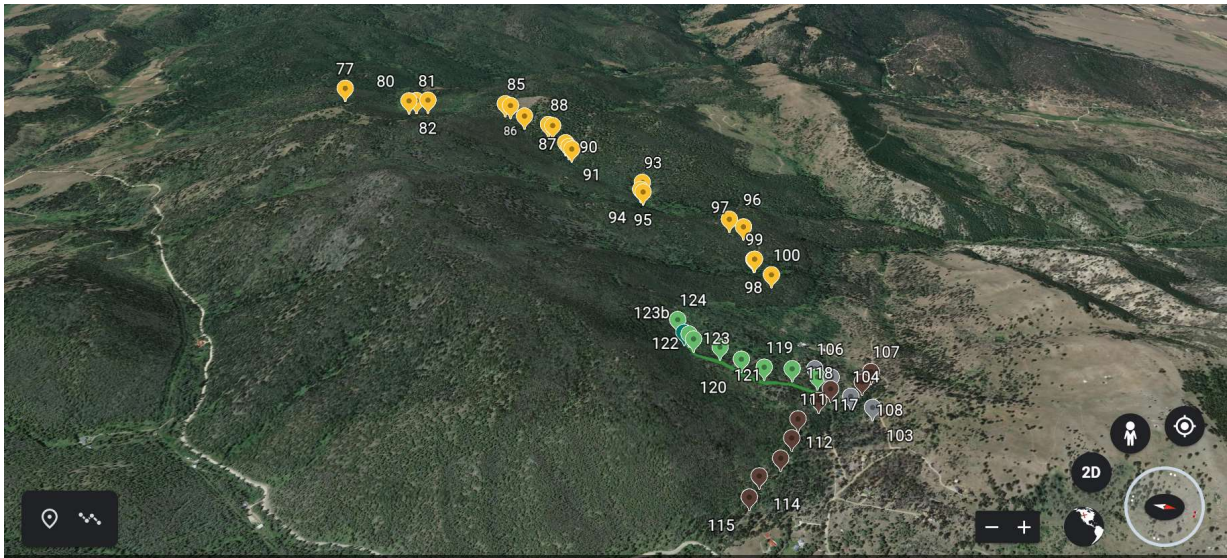
**4000-001 North and disconnected #647 Roads. Six spurs coming off 4000-001 North could not be mapped on Google Earth because the mapping app used to collect the information was unable to convert waypoints to hddd°mm'ss.s" for use with Google Earth.**



**3 Dimensional view of 4000-001 South and its associated ten spur roads in different colors. Colorado Mountain in upper left, Black Mountain center, and Lazyman parks upper center right. Road 137 to Blackhall Meadows in lower left.**



**3 Dimensional view of 4000-001 North (yellow), and #647-NS01, NS02, NS04 NS06. County road in lower left to center left. In lower right is the Helena Ridge Trail that extends back to Helena.**



**Road Number(s) Surveyed, Length of Road Segments\*, and Color**

\*(as measured by Forest Service/and Helena Hunters and Anglers Association)

<b>Waypoint</b>	<b>Road #</b>	<b>Length (mi)</b>		<b>Color</b>	<b>Surveyor</b>	<b>Date</b>
		<b>FS/HHAA</b>				
<b>47...78</b>	<b>4000-001</b>	<b>--/1.08</b>		<b>Gold</b>	<b>Joslin</b>	<b>5/4/2020</b>
02-11	4000-NS01	.9/.6		Blue	Joslin	4/28/2020
55-56	4000-NS03	.26/.07		Teal	Joslin	5/4/2020
27-44	4000-NS04	.71/.77	mi	Purple	Joslin	4/30/2020
12-13	4000-NS05	.09/.07		Orange	Joslin	4/28/2020
50-53	4000-NS06	.09/.13		Brown	Joslin	5/4/2020
79-84	4000-NS08	.32/.28		Red	Joslin	5/4/2020
66-68	4000-NS09	.07/.08		Brown	Joslin	5/4/2020
64-65	4000-NS10	.03/.03		Tan	Joslin	5/4/2020
14-18	4000-NS11	.21/.16		Green	Joslin	4/28/2020
45-46	4000-NS12	.05/.06		Yellow (light)	Joslin	4/30/2020
1-4	647-NS16				Ingman	5/11/2020
5-12	647-NS15				Ingman	5/11/2020
	647-NS13					
9-11	647-NS12				Ingman	5/16/2020
7-8	647-NS10				Ingman	5/16/2020
1-9	647-NS09				Ingman	5/16/2020
<u>13-15</u>	<u>647-NS08</u>				<u>Ingman</u>	<u>5/11/2020</u>
117-124	647-NS01			Green	Joslin	5/11/2020
103-106	647-NS02			Gray	Joslin	5/11/2020
123	647-NS04			Teal	Joslin	5/11/2020
107-115	647-NS06			Brown	Joslin	5/11/2020

**Reports A, B, C, D, E, F, G follow.**