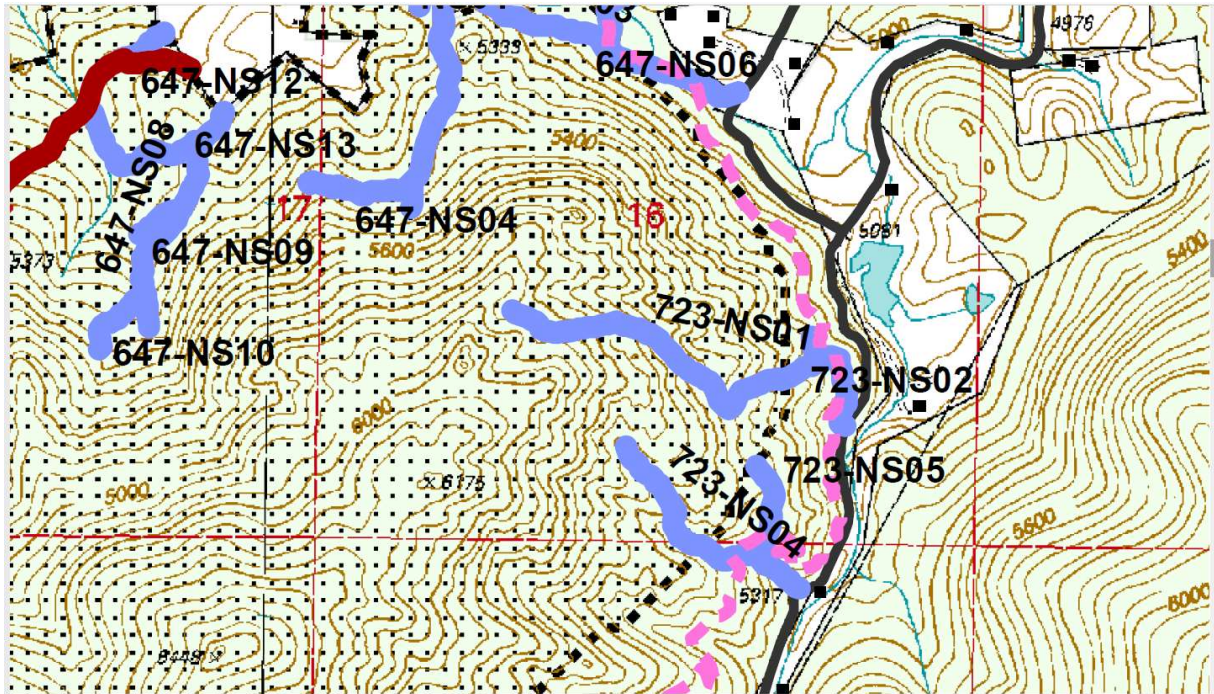
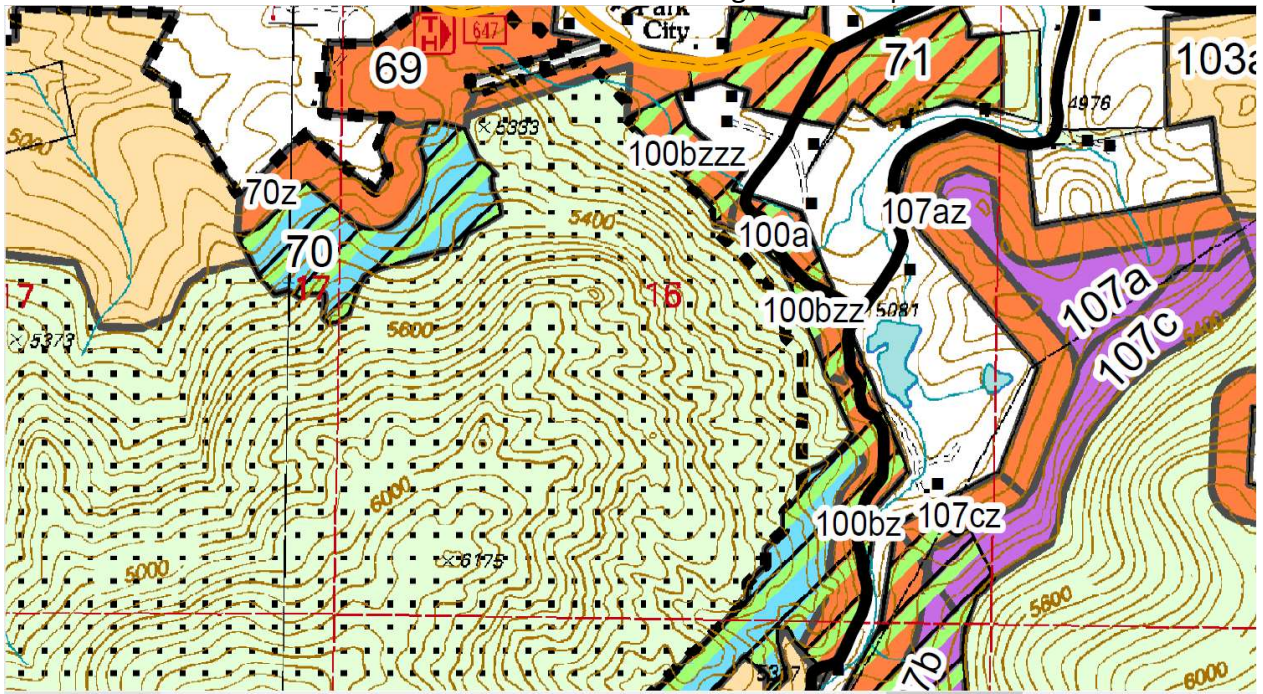


#723 Series NS01 and NS04 Grizzly Gulch Lazyman Inventoried Roadless Area

#723-NS01



No treatment units are accessed by #723-NS01 in the IRA. There is a mechanized private land buffer on the lower end of #723-NS01. There is no private land west of the county road however. Screen-shot of Tenmile-South Helena ROD Vegetation Map.



METHODS:

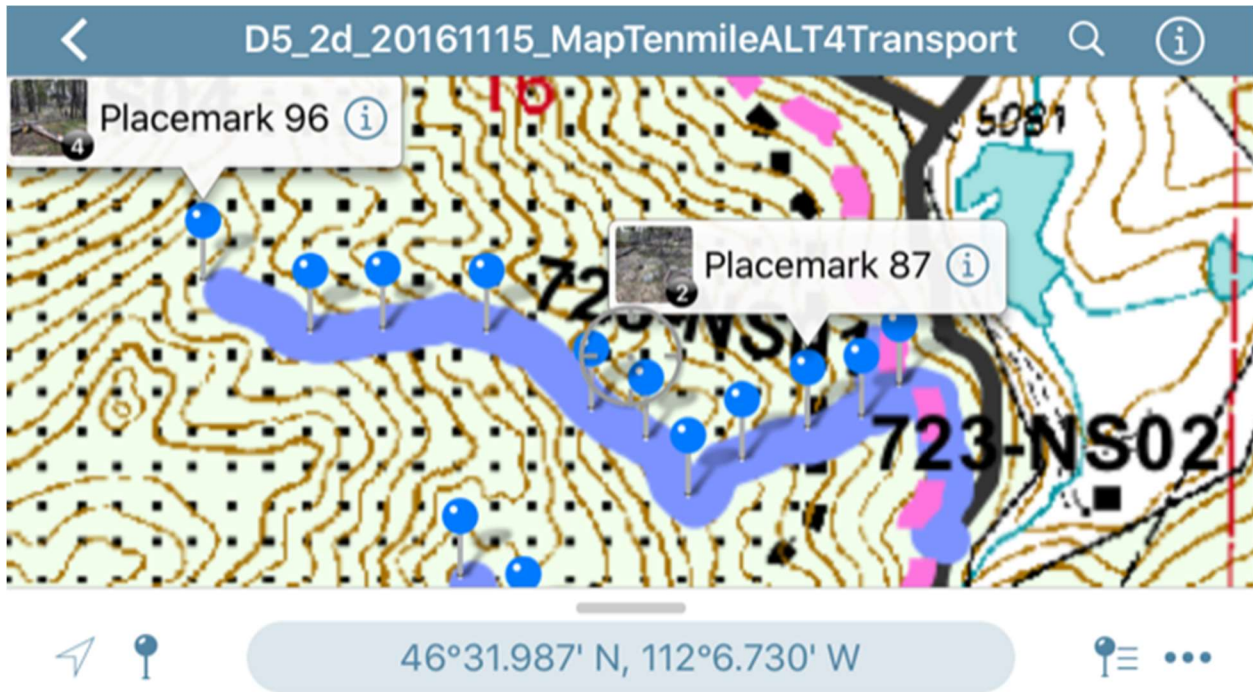
120 steps = 300 feet or 100 yards. Waypoints were taken at this interval unless otherwise noted.

Avenza map app was used to follow georeferenced USFS PDF map of the #723-NS01 “road”. Avenza uses the term “Placemark” instead of GPS Waypoint.

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

Waypoints were taken approximately every 100 yards (120 steps). Eleven waypoints and 18 photos were taken and filed. At least one photo from each waypoint is displayed here.

Photos from each waypoint are displayed on one page.



Discussion of #723-NS01 in Tenmile record/GIS Data/FEIS/ROD:

#723-NS01 is located inside the Lazyman Gulch IRA. Exhibit 1; Tenmile-010705.

#723-NS01 is not listed as an existing National Forest Transportation System road. Tenmile-007052 (Table 304).

#723-NS01 is listed as a “non-system” or unauthorized (illegal) user-created road. Tenmile-073795.

#723-NS01 is classified as “NS-01-RES” in the GIS Data which is “non-system, closed to motorized use yearlong.” Exhibit 3 at 002, 043.

#723-NS01 is portrayed as a “closed” road in the Forest Service’s Biological Assessment (Addendum). Tenmile-009705 (Figure 4); Exhibit 3 at 001; *see also* Tenmile-015434 (referring to use of “closed” roads).

#723-NS01 is referred to as an “existing” road or route in the Lazyman IRA by the Forest Service. Tenmile-009185; Doc. 87 at 25 (citing Tenmile-007007 (Fig. 86) for “existing roads” map)

#723-NS01 does not appear to access any mechanized logging units for the Tenmile project. *Compare* Exhibit 1 (map) *with* Exhibit 2 at 2 (veg map).

#723-NS01 will be subject to closure method 4 (Obliteration). Tenmile-009522; Exhibit 2 at 1. Closure method 4 (Obliteration) means **#723-NS01** “will be removed from Transportation System and obliterated, including recontouring where appropriate, decompaction/ripping, revegetation, culvert removal, re-establishment of natural drainage contours.” Tenmile-009522; Exhibit 2 at 1; Tenmile-015434.

Name of Surveyor: Gayle Joslin

Date(s) surveyed: May 10, 2020

GPS Model: Garmin XL12

Datum: WGS84

GPS Position Format: hddd°mm’ss.s”

Mapping Apps: Avenza was used to follow geo-referenced FS Tenmile-South Helena Project Alternative 4 Transportation, Trails, and Road Closure/Obliteration map (Tenmile-10705) which for the purposes of documenting the “existing roads” parrots the ROD map (but includes road numbers and IRA boundary). I also used the Google Earth 3D waypoint map.

Time spent: 4 hrs 50 minutes

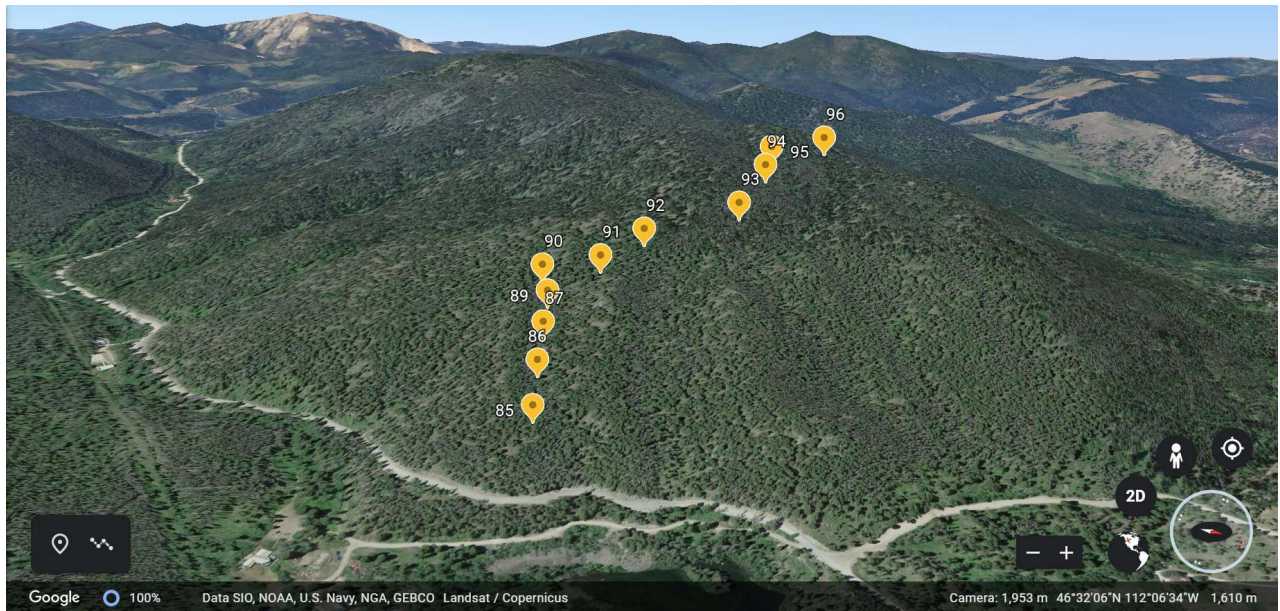
Survey (waypoints, photos, and narrative):

#723-NS01: Very Difficult to move through this landscape due to substantial downfall. An ancient road bed, where visible, is about 4 feet wide. Many large boulder outcrops. Along the route there are no weeds and no bare ground. Very steep route, accessed from Grizzly Gulch county road. No motorized access is possible. Photo taken of beginning of GPS route outside of Inventoried Roadless Area boundary to show entrance is currently obliterated. IRA boundary begins approximately 0.09 miles from the county road at waypoint 87. From that point to the end of the route is 0.51 miles. Old “road” is completely invisible by the time it reaches a flat area near the ridgeline that trends northeast. Before even reaching the IRA, the downfall completely and

effectively blocks even walkers. There is no apparent reason to try to “obliterate” 723-NS01 as it has been reclaimed by nature.

There was less wildlife sign on 723-NS01 than on 723-NS04, but some elk pellets and tracks occur. No deer sign.

Google Earth screen-shot of northeastern portion of Lazyman IRA, looking southwest. Upper left shows the rock scree faces of Red Mountain, center skyline lower peak is Colorado Mountain, and double-peaked mountain to its right is Black Mountain. Grizzly Gulch and the county road run up the left side of the photo. Lazyman IRA occurs to the right (west) of the county road.



WAYPOINTS for 723-NS01 May 10, 2020

WAYPOINT,085,46.53279662,-112.10812398 ,10-MAY-20 15:51,
WAYPOINT,086,46.53255522,-112.10892865,10-MAY-20 16:15,
WAYPOINT,087,46.53234601,-112.10970112,10-MAY-20 16:51,
WAYPOINT,089,46.53210461,-112.11044141,10-MAY-20 17:30,
WAYPOINT,090,46.53178811,-112.11118170,10-MAY-20 17:39,
WAYPOINT,091,46.53228164,-112.11179324,10-MAY-20 17:55,
WAYPOINT,092,46.53252840,-112.11274275,10-MAY-20 18:04,
WAYPOINT,093,46.53332770,-112.11424478,10-MAY-20 18:17,
WAYPOINT,094,46.53334379,-112.11589702,10-MAY-20 18:30,
WAYPOINT,095,46.53322577,-112.11688944,10-MAY-20 18:39,
WAYPOINT,096,46.53371394,-112.11831638,10-MAY-20 18:58,



Waypoint 85 Tape = 5' 10" SW aspect. 40% slope. Doug-fir, Carex, Plantain, moss, kinnikinnick



Waypoint 86 Tape = 6' SW aspect. 35% slope. Old, deep, rutted road bed is revegetated.



180° looking back down NE aspect. Extensive downfall



Waypoint 87 Tape = 4' SW aspect. 30% slope. EDGE of IRA marked with pink and orange flagging and a gold spot of spray paint. Huge boulders.



180° looking back to NE, massive downfall. Large rocks in road bed.



Waypoint 89 Tape = 4' on log, and clipboard under log. SW aspect. 30% slope.



Waypoint 90 Tape = 4'. Clipboard on huge rock in the route. NW aspect – road curves sharply to west.



From the site of waypoint 90, this photo was taken looking down to the NE showing downfall from above – the “road” is clearly closed and needs no additional obliteration.



Waypoint 91 Tape = 4' 6". W aspect. 25% slope. Route curves back to west. Less downfall



Waypoint 92 Tape = 7'. W aspect. 20% slope. Old mine excavation. Substantial downfall. Because of downfall, from here on, waypoints were taken at 200 yards.



Waypoint 93 Tape = 0' No road bed. W aspect. 10% slope on a bench.



Waypoint 94 Tape = 3' trail. Faint old road bed. SW aspect. $\leq 15\%$ slope.



Waypoint 95 Tape = 3'. 1 of 2 photos. WNW aspect. 30+% slope. Downfall and boulders



2 of 2 photos. Mount Helena ridge. 5945' elevation at this point.



Waypoint 96 167 steps or approximately 140 yards beyond waypoint 95, the route ends in a flat bowl. Top of ridge in background



Looking back at the tape in the bowl at the end of the route.

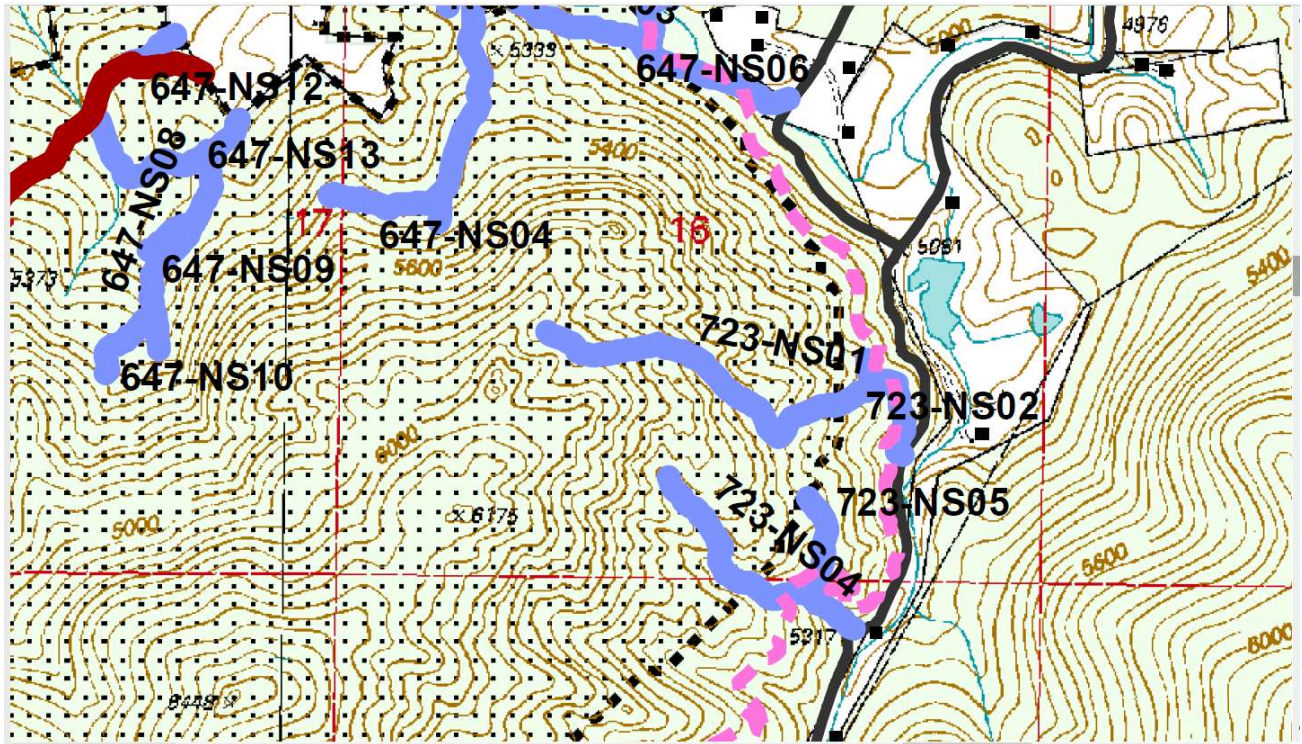


Just beyond the flat area one can go about 40 yards to the ridgeline between Grizzly Gulch and Nelson Gulch to look west to MacDonald Pass and...

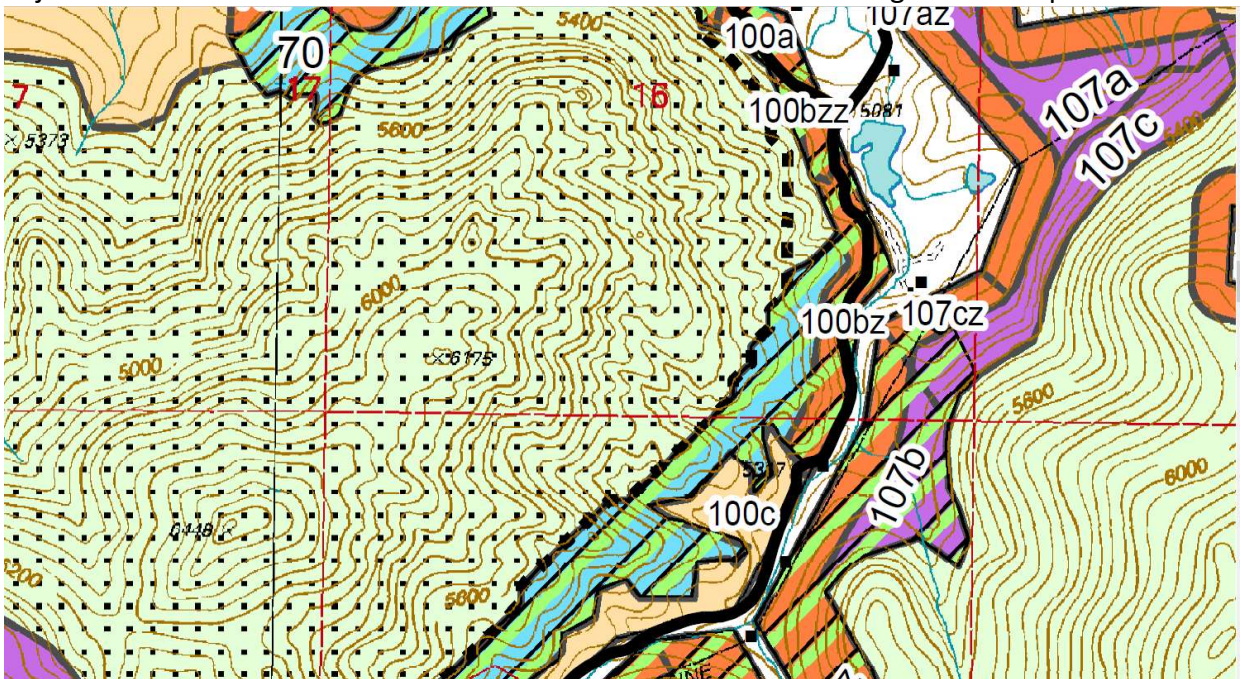


... down Nelson Gulch

#723-NS04 Grizzly Gulch Lazyman Inventoried Roadless Area



Within the Inventoried Roadless Area (stippled), no treatment units are accessed by #723-NS04. At the lower end of #723-NS04 occurs a shaded-fuel break, a regeneration unit (clear-cut), and private land buffer treatments, even though there is no private land west of the county road adjacent to 723-NS04. Screen-shot of Tenmile-South Helena ROD Vegetation Map.



METHODS:

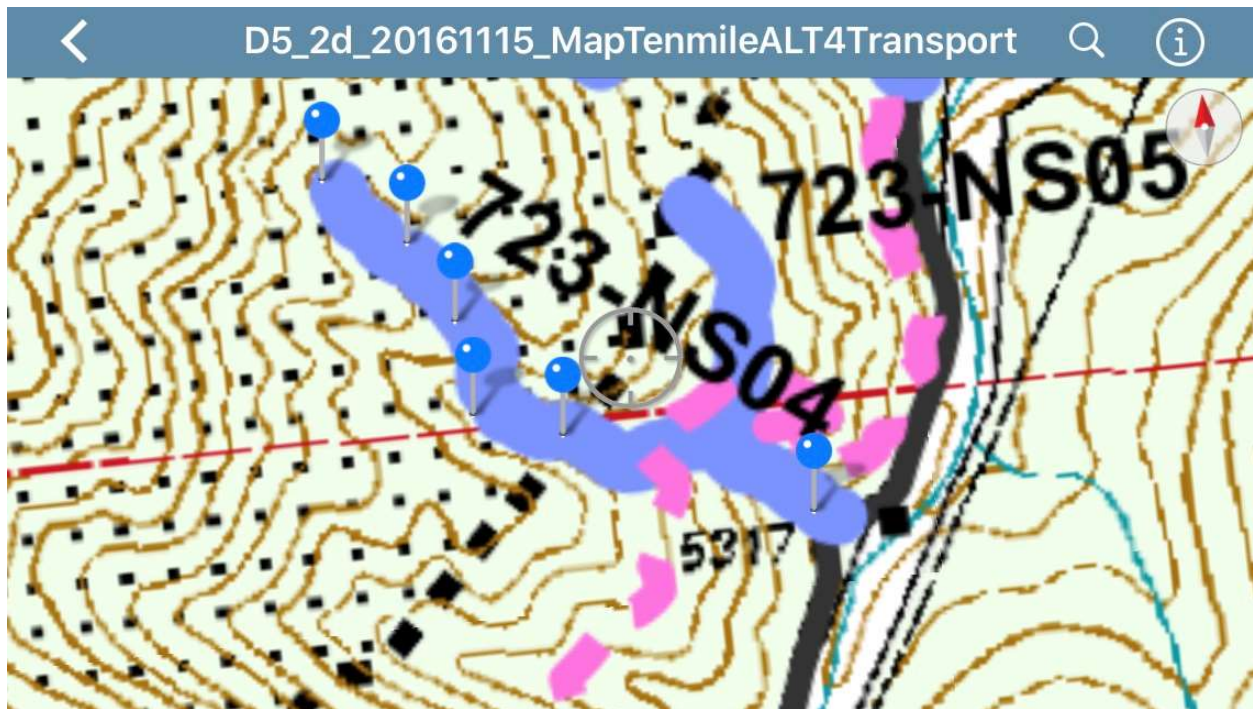
120 steps = 300 feet or 100 yards. Waypoints were taken at this interval unless otherwise noted.

Avenza map app was used to follow geo-referenced USFS PDF map of the #723-NS04 “road”. Avenza uses the term “Placemark” instead of GPS Waypoint.

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

Waypoints were taken approximately every 100 yards (120 steps). Six waypoints and 9 photos were taken and filed. At least one photo from each waypoint is displayed here.

If more than one photo from each waypoint occurs, they are displayed together on one page.



Discussion of #723-NS04 in Tenmile record/GIS Data/FEIS/ROD:

#723-NS04 is located inside the Lazyman Gulch IRA. Exhibit 1; Tenmile-010705.

#723-NS04 is not listed as an existing National Forest Transportation System road. Tenmile-007052 (Table 304).

#723-NS04 is listed as a “non-system” or unauthorized (illegal) user-created road. Tenmile-073795.

#723-NS04 is classified as “NS-01-RES” in the GIS Data which is “non-system, closed to motorized use yearlong.” Exhibit 3 at 002, 043.

#723-NS04 is portrayed as a “closed” road in the Forest Service’s Biological Assessment (Addendum), though the map is difficult to read. Tenmile-009705 (Figure 4); Exhibit 3 at 001; *see also* Tenmile-015434 (referring to use of “closed” roads).

#723-NS04 is referred to as an “existing” road or route in the Lazyman IRA by the Forest Service. Tenmile-009185; Doc. 87 at 25 (citing Tenmile-007007 (Fig. 86) for “existing roads” map).

#723-NS04 does not appear to access any mechanized logging units inside the Lazyman IRA for the Tenmile project. *Compare* Exhibit 1 (map) *with* Exhibit 2 at 2 (veg map). But see photo on page 5 (Waypoint 98) showing marked trees.

#723-NS04 will be subject to closure method 4 (Obliteration). Tenmile-009522; Exhibit 2 at 1. Closure method 4 (Obliteration) means #723-NS04 “will be removed from Transportation System and obliterated, including recontouring where appropriate, decompaction/ripping, revegetation, culvert removal, re-establishment of natural drainage contours.” Tenmile-009522; Exhibit 2 at 1; Tenmile-015434.

Name of Surveyor: Gayle Joslin

Date(s) surveyed: May 10, 2020

GPS Model: Garmin XL12

Datum: WGS84

GPS Position Format: hddd°mm’ss.s”

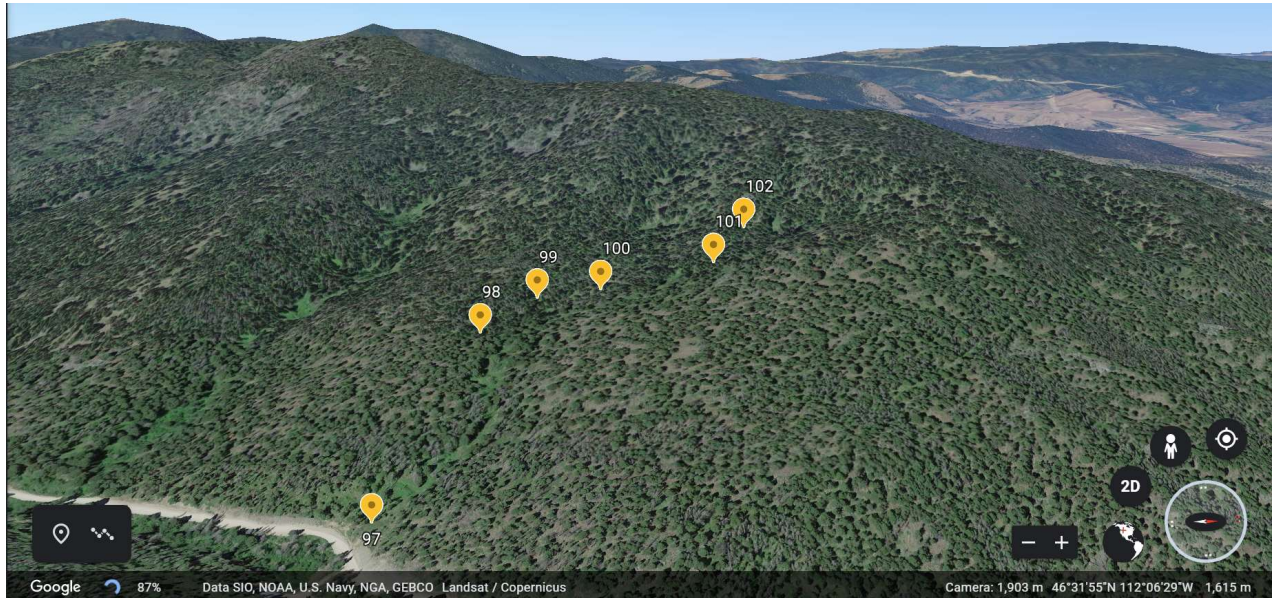
Mapping Apps: Avenza was used to follow geo-referenced FS Tenmile-South Helena Project Alternative 4 Transportation, Trails, and Road Closure/Obliteration map (Tenmile-10705) which for the purposes of documenting the “existing roads” parrots the ROD map (but includes road numbers and IRA boundary). I also used the Google Earth 3D waypoint map.

Time spent: 2 hours

Survey (waypoints, photos, and narrative):

#723-NS04: There is no passable entrance to #723-NS04 and a photo taken at waypoint 97 depicts that. Waypoint 97 is outside the IRA boundary, while waypoint 98, approximately 200 yards further west, occurs on the boundary. An ancient road bed, approximately 5 feet wide, essentially disappears by waypoint 99. There is no road or trail at the end of the route at waypoint 102. This route has naturally reclaimed itself and needs no further obliteration. Substantial deer and elk sign.

Google Earth screen-shot of northeastern portion of Lazyman Inventoried Roadless Area, looking west. Colorado Mountain is in the upper left corner, with Black Mountain to the right of that, and Highway 12 going to MacDonald Pass on the upper right. County road between Lewis & Clark County and Jefferson County on the bottom left.



WAYPOINTS for 723-NS04 May 10, 2020

WAYPOINT,097,46.52779698,-112.10910567,10-MAY-20 20:37,
WAYPOINT,098,46.52857482,-112.11208292,10-MAY-20 21:02,
WAYPOINT,099,46.52875721,-112.11303779,10-MAY-20 21:12,
WAYPOINT,100,46.52926147,-112.11322018,10-MAY-20 21:30,
WAYPOINT,101,46.53018951,-112.11366006,10-MAY-20 21:38,
WAYPOINT,102,46.53084397,-112.11475977,10-MAY-20 21:58,



Waypoint 97 Standing on the west sider of the County Road looking east across to private land. No passable entrance to #723-NS04. Lazyman Inventoried Roadless Area occurs approximately 200 yards in the reverse direction to the west.



Waypoint 98 Tape = 5 feet. Inventoried Roadless Area boundary marked with pink and orange flagging and gold "dot" of spray paint. An ancient road bed is completely revegetated with lush carex, grasses, kinnikinnick, Oregon grape. Trees are marked within a harvest unit. NW aspect. Variable 5-20% slopes.





Waypoint 99 Tape = 1 foot. No road. W aspect. $\leq 10\%$ slope. A trail is covered with downfall. Significant deer and elk sign.



Waypoint 100 Tape = 1 foot. Trouble finding "road". NW aspect. $\leq 10\%$ slope. Grasses, horizontal juniper, kinnikinnick.



Waypoint 101 Tape = 1 foot. No road exists. NW aspect. $\leq 15\%$ slope.



Waypoint 102 Tape = 1 foot. Basin at the end of the route (blue line on map) but no road or trail. NW aspect. <5% slope 1 of 3 photos.



2 of 3 photos. 180° looking back – downfall



3 of 3 photos. Panorama of downfall and boulders at the end of #723-04.

Both #723 routes into the IRA are already obliterated. Either the Forest Service intends to establish new road beds OR they are claiming these routes need to be obliterated so they can build more miles of temporary roads within the project. This provision was agreed to by the Tennile-South Helena Collaborative. These routes should not be identified as needing obliteration when they already are essentially invisible on the landscape, and re-entry would create significant damage to soils and vegetation.

Field Form

723 routes to IRA are already OBLITERATED! Either the FS intends to establish new road beds OR they are claiming these routes need to be obliterated so they can build more miles of temporary roads as was agreed to by the Tennile Collaborative. It is dishonest to count the already obliterated roads. #723-N504

HELENA HUNTERS & ANGLERS FIELD ANALYSIS OF TSH PROJECT TRANSPORTATION/RD CLOSURE MAP						Technician: <u>Gayle Joslin</u>				
Route Location: <u>Grizzly Gulch</u>			Route# (from map): <u>723-N504</u>		(Lazyman Jericho (circle))					
Date:	Time Out:	Time In:	Duration:	Waypoint every 300'						
<u>May 10, 2020</u>	<u>2:30</u>	<u>4:30</u>	<u>2 hr</u>							
GPS Mode/ID:	Datum:	GPS position (UTM/hdms):								
<u>Garmin XL12</u>	<u>NAD83</u>									
Comments: Eg: Improvements needed for heavy equipment? Big rocks; Tree removal; Side slope (vehicle would roll); Sharp turns										
Field Tools: GPS, map, camera, tape measure, clip board, field forms, compass, pencils, batteries, personal gear (sunglasses, hat)										
Time	Wet	Steps	Photo#	Description (of photo)	Comment	Aspect	Width'	Slope	Lat-Long/UTM	
2:35	97		1	County Rd - NO personal entrance that no access exists from County Rd. Hike to edge of IRA ~ 1/8 mi, then took	Not on IRA but needed to show waypoints				46°31'40.1" 112°06'32.8"	
3:03	98	440	1	IRA Boundary - trees marked w/ pink/orange flagging - Gold dot spray paint. Ancient 5' rd bed. Grass		NW	5'	5-20%	42.9	43.5
			2	Tree w/ markings						
3:13	99	100	1	1' no rd Trail covered w/ downfall	Fork & Deer signs	W	1'	<10%	43.5"	46.9
3:31	100	N120	1	in Tronole finding "road" grassy juniper knee knick		NW	1"	<10%	45.3"	47.6
				"Location has been capped" on shore within 100-500						
3:38	101	N120	1	Tronole finding "road"		NW	1'	<15%	48.7	49.2"
3:47	102	N120	1	Tronole Basin - end of blue line but NO rd or trail		NW	1'	<5	51.0	53.1
			2	180° Downfall		SE				
			3	Base of df1 + boulders END		↔				