

HUMBOLDT COUNTY DEPARTMENT OF PUBLIC WORKS
ROAD EVALUATION REPORT

PART A: *Part A may be completed by the applicant*

Applicant Name: Mad River Medicinals APN: 208-251-002

Planning & Building Department Case/File No.: 12948

Road Name: River Rd (complete a separate form for each road)

From Road (Cross street): Humboldt / Trinity County Line

To Road (Cross street): Private Access Rd

Length of road segment: 2.50 miles Date Inspected: 10/8/2018

Road is maintained by: County Other Road Association
(State, Forest Service, National Park, State Park, BLM, Private, Tribal, etc)

Check one of the following:

Box 1 The entire road segment is developed to Category 4 road standards (20 feet wide) or better. If checked, then the road is adequate for the proposed use without further review by the applicant.

Box 2 The entire road segment is developed to the equivalent of a road category 4 standard. If checked, then the road is adequate for the proposed use without further review by the applicant.

An equivalent road category 4 standard is defined as a roadway that is generally 20 feet in width, but has pinch points which narrow the road. Pinch points include, but are not limited to, one-lane bridges, trees, large rock outcroppings, culverts, etc. Pinch points must provide visibility where a driver can see oncoming vehicles through the pinch point which allows the oncoming vehicle to stop and wait in a 20 foot wide section of the road for the other vehicle to pass.

Box 3 The entire road segment is not developed to the equivalent of road category 4 or better. The road may or may not be able to accommodate the proposed use and further evaluation is necessary. Part B is to be completed by a Civil Engineer licensed by the State of California.

The statements in PART A are true and correct and have been made by me after personally inspecting and measuring the road.

David Nicoletti

Signature

11/29/2018
Date

David Nicoletti PE #76814

Name Printed

Important: Read the instructions before using this form. If you have questions, please call the Dept. of Public Works Land Use Division at 707.445.2205.



PART B: Only complete Part B if Box 3 is checked in Part A. Part B is to be completed by a Civil Engineer licensed by the State of California. Complete a separate form for each road.

Road Name: River Rd Date Inspected: 10/8/2018 APN: 208-251-002
 From Road: Humboldt / Trinity County Line (Post Mile _____) Planning & Building
 To Road: Private Access Rd (Post Mile 2.50) Department Case/File No.:
12498

1. What is the Average Daily Traffic (ADT) of the road (including other known cannabis projects)?

Number of other known cannabis projects included in ADT calculations:
 (Contact the Planning & Building Department for information on other nearby projects.)

ADT: <400 Date(s) measured: 10/8/2018

Method used to measure ADT: Counters Estimated using ITE Trip Generation Book

Is the ADT of the road less than 400? Yes No

If YES, then the road is considered very low volume and shall comply with the design standards outlined in the American Association of State Highway and Transportation Officials (AASHTO) Guidelines for Geometric Design of Very Low-Volume Local Roads (ADT ≤400). Complete sections 2 and 3 below.

If NO, then the road shall be reviewed per the applicable policies for the design of local roads and streets presented in AASHTO A Policy on Geometric Design of Highways and Streets, commonly known as the "Green Book". Complete section 3 below.

2. Identify site specific safety problems with the road that include, but are not limited to: (Refer to Chapter 3 in AASHTO Guidelines for Geometric Design of Very Low-Volume Local Roads (ADT ≤400) for guidance.)

A. Pattern of curve related crashes.

Check one: No. Yes, see attached sheet for Post Mile (PM) locations.

B. Physical evidence of curve problems such as skid marks, scarred trees, or scarred utility poles

Check one: No. Yes, see attached sheet for PM locations.

C. Substantial edge rutting or encroachment.

Check one: No. Yes, see attached sheet for PM locations.

D. History of complaints from residents or law enforcement.

Check one: No. Yes (check if written documentation is attached)

E. Measured or known speed substantially higher than the design speed of the road (20+ MPH higher)

Check one: No. Yes.

F. Need for turn-outs.

Check one: No. Yes, see attached sheet for PM locations.

3. Conclusions/Recommendations per AASHTO. Check one:

The roadway can accommodate the cumulative increased traffic from this project and all known cannabis projects identified above.

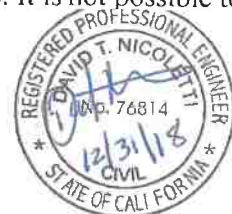
The roadway can accommodate the cumulative increased traffic from this project and all known cannabis projects identified above, if the recommendations on the attached report are done. (check if a Neighborhood Traffic Management Plan is also required and is attached.)

The roadway cannot accommodate increased traffic from the proposed use. It is not possible to address increased traffic.

A map showing the location and limits of the road being evaluated in PART B is attached. The statements in PART B are true and correct and have been made by me after personally evaluating the road.

David Nicoletti
 Signature of Civil Engineer

11/29/2018
 Date



Important: Read the instructions before using this form. If you have questions, please call the Dept. of Public Works Land Use Division at 707.445.7205.

HUMBOLDT COUNTY DEPARTMENT OF PUBLIC WORKS
ROAD EVALUATION REPORT

PART A: *Part A may be completed by the applicant*

Applicant Name: Mad River Medicinals APN: 208-251-002

Planning & Building Department Case/File No.: 12948

Road Name: Unnamed Main Rd *(complete a separate form for each road)*

From Road (Cross street): River Rd

To Road (Cross street): Residence APN 208-251-002

Length of road segment: 1.25 miles Date Inspected: 10/8/18

Road is maintained by: County Other Residents
(State, Forest Service, National Park, State Park, BLM, Private, Tribal, etc)

Check one of the following:

Box 1 The entire road segment is developed to Category 4 road standards (20 feet wide) or better. If checked, then the road is adequate for the proposed use without further review by the applicant.

Box 2 The entire road segment is developed to the equivalent of a road category 4 standard. If checked, then the road is adequate for the proposed use without further review by the applicant.

An equivalent road category 4 standard is defined as a roadway that is generally 20 feet in width, but has pinch points which narrow the road. Pinch points include, but are not limited to, one-lane bridges, trees, large rock outcroppings, culverts, etc. Pinch points must provide visibility where a driver can see oncoming vehicles through the pinch point which allows the oncoming vehicle to stop and wait in a 20 foot wide section of the road for the other vehicle to pass.

Box 3 The entire road segment is not developed to the equivalent of road category 4 or better. The road may or may not be able to accommodate the proposed use and further evaluation is necessary. Part B is to be completed by a Civil Engineer licensed by the State of California.

The statements in PART A are true and correct and have been made by me after personally inspecting and measuring the road.

David Nicoletti

Signature

11/29/2018

Date

David Nicoletti PE #76814

Name Printed

Important: Read the instructions before using this form. If you have questions, please call the Dept. of Public Works Land Use Division at 707.445.7205.

PART B: Only complete Part B if Box 3 is checked in Part A. Part B is to be completed by a Civil Engineer licensed by the State of California. Complete a separate form for each road.

Road Name: Private Access Rd Date Inspected: 10/8/2018 APN: 208-251-002
 From Road: River Rd (Post Mile _____) Planning & Building
 To Road: Residence 208-231-011 (Post Mile 1.25) Department Case/File No.:
 12948

1. What is the Average Daily Traffic (ADT) of the road (including other known cannabis projects)?
 Number of other known cannabis projects included in ADT calculations:
 (Contact the Planning & Building Department for information on other nearby projects.)

ADT: <400 Date(s) measured: _____
 Method used to measure ADT: Counters Estimated using ITE *Trip Generation* Book

Is the ADT of the road less than 400? Yes No

If YES, then the road is considered very low volume and shall comply with the design standards outlined in the American Association of State Highway and Transportation Officials (AASHTO) *Guidelines for Geometric Design of Very Low-Volume Local Roads (ADT ≤400)*. Complete sections 2 and 3 below.

If NO, then the road shall be reviewed per the applicable policies for the design of local roads and streets presented in AASHTO *A Policy on Geometric Design of Highways and Streets*, commonly known as the "Green Book". Complete section 3 below.

2. Identify site specific safety problems with the road that include, but are not limited to: (Refer to Chapter 3 in AASHTO *Guidelines for Geometric Design of Very Low-Volume Local Roads (ADT ≤400)* for guidance.)

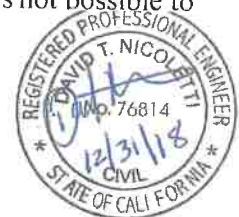
- A. Pattern of curve related crashes.
 Check one: No. Yes, see attached sheet for Post Mile (PM) locations.
- B. Physical evidence of curve problems such as skid marks, scarred trees, or scarred utility poles
 Check one: No. Yes, see attached sheet for PM locations.
- C. Substantial edge rutting or encroachment.
 Check one: No. Yes, see attached sheet for PM locations.
- D. History of complaints from residents or law enforcement.
 Check one: No. Yes (check if written documentation is attached)
- E. Measured or known speed substantially higher than the design speed of the road (20+ MPH higher)
 Check one: No. Yes.
- F. Need for turn-outs.
 Check one: No. Yes, see attached sheet for PM locations.

3. Conclusions/Recommendations per AASHTO. Check one:
- The roadway can accommodate the cumulative increased traffic from this project and all known cannabis projects identified above.
 - The roadway can accommodate the cumulative increased traffic from this project and all known cannabis projects identified above, if the recommendations on the attached report are done. (check if a *Neighborhood Traffic Management Plan* is also required and is attached.)
 - The roadway cannot accommodate increased traffic from the proposed use. It is not possible to address increased traffic.

A map showing the location and limits of the road being evaluated in PART B is attached. The statements in PART B are true and correct and have been made by me after personally evaluating the road.

David Nicolette
 Signature of Civil Engineer

11/29/2018
 Date



Important: Read the instructions before using this form. If you have questions, please call the Dept. of Public Works Land Use Division at 707.445.7205.

From: David Nicoletti PE QSD\QSP
DTN Engineering & Consulting
2731 K Street Unit A
Eureka, CA 95501
Email: dnicoletti@dtngineering.com

Subject: Roadway Evaluation for APN 208-251-002, APPS 12948

Introduction

On October 8th, 2018, DTN Engineering & Consulting (Engineer) performed a roadway evaluation for Mad River Medicinals, upon request from Humboldt County Public Works. Humboldt County Public Works has provided direction for the roads to be evaluated by the Engineer. The roads to be evaluated are as follows (see Exhibit A):

- River Road from the Humboldt / Trinity County Line to Unnamed Road
- Unnamed Road From River Rd to APN 208-251-002

River Rd is being evaluated as part of the Applicant's Cannabis permit referral process. The roadways were evaluated for Category 4 compliance as described in Title III – Land Use and Development, Division II, Fire Safe Regulations (Ordinance) (Exhibit D). The driveway was evaluated for Driveways in accordance with the Ordinance. This analysis performed was in accordance with the Roadway Evaluation Report Instructions provided by Humboldt County Public Works Department.

The existing site conditions for the evaluated roadways in this Technical Memorandum consists of hilly terrain (Exhibit C), crosses four Streamside Management Areas (SMA) (Exhibit C) three are Class I and one is Class II streams that are tributary to the Mad River, and high seismic instability (Exhibit E), gradual to steep grades, there are no mapped historic landslides, The Applicant will have four employees onsite and deliveries of supplies to the Applicants facilities will occur once every year.

Evaluation

River Rd Photos 1-201 (Exhibit B)

The evaluation begins just east of the at the Railroad Car Bridge that is at or near the Humboldt County / Trinity County line. The criteria for evaluating River is a Category 4 in accordance with Humboldt County Title III - Land Use And Development Division 11 Fire Safe Regulations.

As shown in Photo 1 the measurements of River Rd have a width of approximately 14 feet and a slope of 9.6%. Photos 3 & 4 depict the rail road car bridge that is at or near the County line. River Rd generally has a width that varies from 12 feet to 14 feet wide with 1-2 foot shoulders. In some areas the roadway width is less than 12 feet and at turnouts the roadway width extends up to 20 feet. The terrain is moderately hilly, and most grades are below 16%. Most of the roadway curves generally have turnouts at curves and pullouts at strategically placed locations along with turnaround areas.

The issues found on River Rd are primarily due to drainage including partially clogged culverts, lack of waterbars and rolling dips, areas of roadway width reduced due to erosion, driveway approaches at angles less than 75%, hillside slips, and at limited locations the roadway falls under 12 feet in width and over 16% grade. The criteria listed above is from the Humboldt County SRA Road Ordinance and AASHTO Guidelines for Geometric Design of Low Volume Roads.

The following are photo locations that are not in accordance with Humboldt County SRA Ordinance, AASHTO Guidelines for Geometric Design of Low Volume Roads, or industry standard practices for gravel roadway maintenance, and drainage.

Curve Locations Requiring Turnouts: Photo #18, 184, 195

Slope Over 16%: Photos 52, 148, 158, 186

Width Under 12 Feet: Photos 19, 43, 94, & 95

Slide Locations: Photos 51, 56, & 116/118

Clogged / Partially Culverts: Photos 25/26, 28/29, 33, 50/51, 61, 68/69 (sizing), 111, 125/126, 144, 152/154, 164, 169 (approach culvert), 176, & 179.

Erosion / Drainage Issues: Photos 8, 9, 14, 25, 27, 30/31/32, 41, 60, 80/90, 99, 114/115, 117, 119, 127, 129, 140, 145, 174, 187, 192

This roadway does not meet a Category 4 or Equivalent Category 4 Roadway. The Engineer recommends the following improvements for safe travel on River Rd for the amount of Average Daily Traffic (ADT) calculated.

Curve Locations Requiring Turnouts: Construct Turnouts at the following photo locations 18, 184, & 195.

Slopes Over 16%: The Engineer recommends no improvements for photo locations 52, 148, 158, & 186 where slopes are over 16%. The traffic benefits to

environmental impacts doesn't justify paving or lowering grades. Typically, the steep grades shown at these locations are for short segments of roadway.

Width Under 12 Feet: *The Engineer recommends no improvements for Photo locations 19, 43, 94 & 95. The traffic benefits to environmental impacts doesn't justify cutting into hillsides or expanding travel width on hillsides with fill.*

Slide Locations: *The Engineer recommends repairs to areas that slides have occurred. Slides have occurred in Photos 51, 56, 116, 117, & 118 and repairs such as re-establishing a stable slope with grading and placing Rock Slope Protection (RSP) on the slope to stabilize with weight. At some locations, slides have occurred due to clogged culverts and poor drainage.*

Clogged / Partially Culverts: *Almost all culverts locations have clogged inlets or are completely clogged. This has resulted in erosion and drainage issues as shown in Photos 25/26, 28/29, 33, 61, 68/69 (sizing), 111, 125/126, 144, 152/154, 164, 169 (approach culvert), 176, & 179. The Engineer recommends unclogging all culverts that have been shown to be partially clogged or fully clogged.*

Erosion / Drainage Issues: *Erosion Issues are related to a lack of waterbars or rolling dips, impacted by nearby slide, or clogged culverts. The Engineer recommends the following:*

- *Photo 8/9 Construct rolling dip or waterbar.*
- *Photo 14 Unclogging nearby culvert will alleviate erosion.*
- *Photos 25/27, & 30/31/32 Unclogging nearby culvert will alleviate erosion.*
- *Photo 41 Construct rolling dip or waterbar.*
- *Photo 60 Re-establish embankment and construct roadside ditches to daylight water from.*
- *Photo 89 Re-establish embankment and construct roadside ditches to daylight water from.*
- *Photo 99 Construct rolling dip or waterbar.*
- *114/115/116 & 117/118/119 This erosion issue is tied to the nearby slide and lack of culvert. Repair of the slide and installation of a culvert at each location.*
- *125/126/127 Re-establish embankment and construct roadside ditches to daylight water from.*
- *Photo 129 Construct rolling dip or waterbar.*
- *Photo 140 Unclogging nearby culvert will alleviate erosion.*
- *Photo 174 Construct rolling dip or waterbar.*

- *Photo 192 Construct rolling dip or waterbar.*

Miscellaneous: *The Engineer recommends that grass be mowed along the roadside, which will expose the turnouts. Then Engineer also recommends that the roadside ditches be cleaned and re-established.*

Evaluation

Unnamed Main Rd Photos 731-781 & 143-159 (Exhibit B)

The of Unnamed Main Rd was evaluated for Category 4 compliance as described in Title III – Land Use and Development, Division II, Fire Safe Regulations.

The evaluation begins just at the River Rd Intersection (Photo 731). As shown in Photo 731A the measurements of the Gate at the intersection of Unnamed Main Rd and River Rd has a width of approximately 12 feet. Unnamed Main Rd generally has a width that varies from 10 feet to 12 feet wide with 1-2 foot shoulders. The terrain is moderately hilly, and many grades are above 16%. The majority of the roadway curves generally have turnouts at curves and pullouts at strategically placed locations.

The following are photo locations that are not in accordance with Humboldt County SRA Ordinance, AASHTO Guidelines for Geometric Design of Low Volume Roads, or industry standard practices for gravel roadway maintenance, and drainage.

Gate Widths Under 14 Feet: Photo 731A,

Curve Locations Requiring Turnouts: None

Slope Over 16%: Photos 732, 744, 763, 779, 147, 155, 158

Width Under 12 Feet: Photos 732, 763, 779, 781, 147, 150, 155, 158

Slide Locations: None

Clogged / Partially Culverts: Photos 754, 152

Erosion / Drainage Issues: None

This roadway does not meet a Category 4 or Equivalent Category 4 Roadway. The Engineer recommends the following improvements for safe travel on Unnamed Main Rd for the amount of Average Daily Traffic (ADT) calculated.

Slopes Over 16%: *The Engineer recommends no improvements for photo locations where slopes are over 16%. The traffic benefits to environmental*

impacts doesn't justify paving or lowering grades. Typically, the steep grades shown at these locations are for short segments of roadway.

Width Under 12 Feet: *The Engineer recommends no improvements. The traffic benefits to environmental impacts doesn't justify cutting into hillsides or expanding travel width on hillsides with fill.*

Clogged / Partially Culverts: *The Engineer recommends unclogging all culverts that have been shown to be partially clogged or fully clogged.*

Gates: *The Engineer recommends bringing the gate into conformance with the Ordinance.*

Miscellaneous: *The Engineer recommends that grass be mowed along the roadside, which will expose the turnouts. Then Engineer also recommends that the roadside ditches be cleaned and re-established.*

Evaluation

Private Access Rd Photos 163-207 (Exhibit B)

The of Private Access Rd was evaluated for Category 2 compliance as described in Title III – Land Use and Development, Division II, Fire Safe Regulations.

The evaluation begins just at the River Rd Intersection (Photo 731). As shown in Photo 731A the measurements of the Gate at the intersection of Unnamed Main Rd and River Rd has a width of approximately 12 feet. Unnamed Main Rd generally has a width that varies from 10 feet to 12 feet wide with 1-2 foot shoulders. The terrain is moderately hilly, and many grades are above 16%. The majority of the roadway curves generally have turnouts at curves and pullouts at strategically placed locations.

The following are photo locations that are not in accordance with Humboldt County SRA Ordinance, AASHTO Guidelines for Geometric Design of Low Volume Roads, or industry standard practices for gravel roadway maintenance, and drainage.

Gate Widths Under 14 Feet: None,

Curve Locations Requiring Turnouts: None

Slope Over 16%: Photos 179 & 195

Width Under 12 Feet: Photos 170, 195, 200, & 203

Slide Locations: None
Clogged / Partially Culverts: None
Erosion / Drainage Issues: None

This roadway does not meet a Category 2 Roadway. The Engineer recommends the following improvements for safe travel on Private Access Rd for the amount of Average Daily Traffic (ADT) calculated.

Slopes Over 16%: The Engineer recommends no improvements for photo locations where slopes are over 16%. The traffic benefits to environmental impacts doesn't justify paving or lowering grades. Typically, the steep grades shown at these locations are for short segments of roadway.

Width Under 12 Feet: The Engineer recommends no improvements. The traffic benefits to environmental impacts doesn't justify cutting into hillsides or expanding travel width on hillsides with fill.

Miscellaneous: The Engineer recommends that grass be mowed along the roadside, which will expose the turnouts. Then Engineer also recommends that the roadside ditches be cleaned and re-established.

Report Completed By:



David Nicoletti PE

Exhibit A

Mad River Medicinals

APN 208-251-002
Road Evaluation



4000 ft

Google Earth

© 2018 Google

- 178.JPG
- 192.JPG
- 165.JPG
- 204.JPG
- 156.JPG
- 153.JPG
- 148.JPG
- 209.JPG
- 777.JPG
- 765.JPG
- 759.JPG
- 746.JPG
- 748.JPG
- 740.JPG
- 732.JPG
- 192
- 193
- 180
- 179
- 198
- 166
- 182
- 166
- 162
- 172
- 143
- 137
- 127
- 128
- 147
- 133
- 120
- 109
- 100
- 99
- 88
- 97
- 93
- 89
- 85
- 80
- 78
- 77
- 75
- 76
- 73
- 55
- 52
- 54
- 48
- 44
- 42
- 41
- 37
- 31
- 34
- 23
- 20
- 19
- 15
- 10
- 8
- 3
- 1

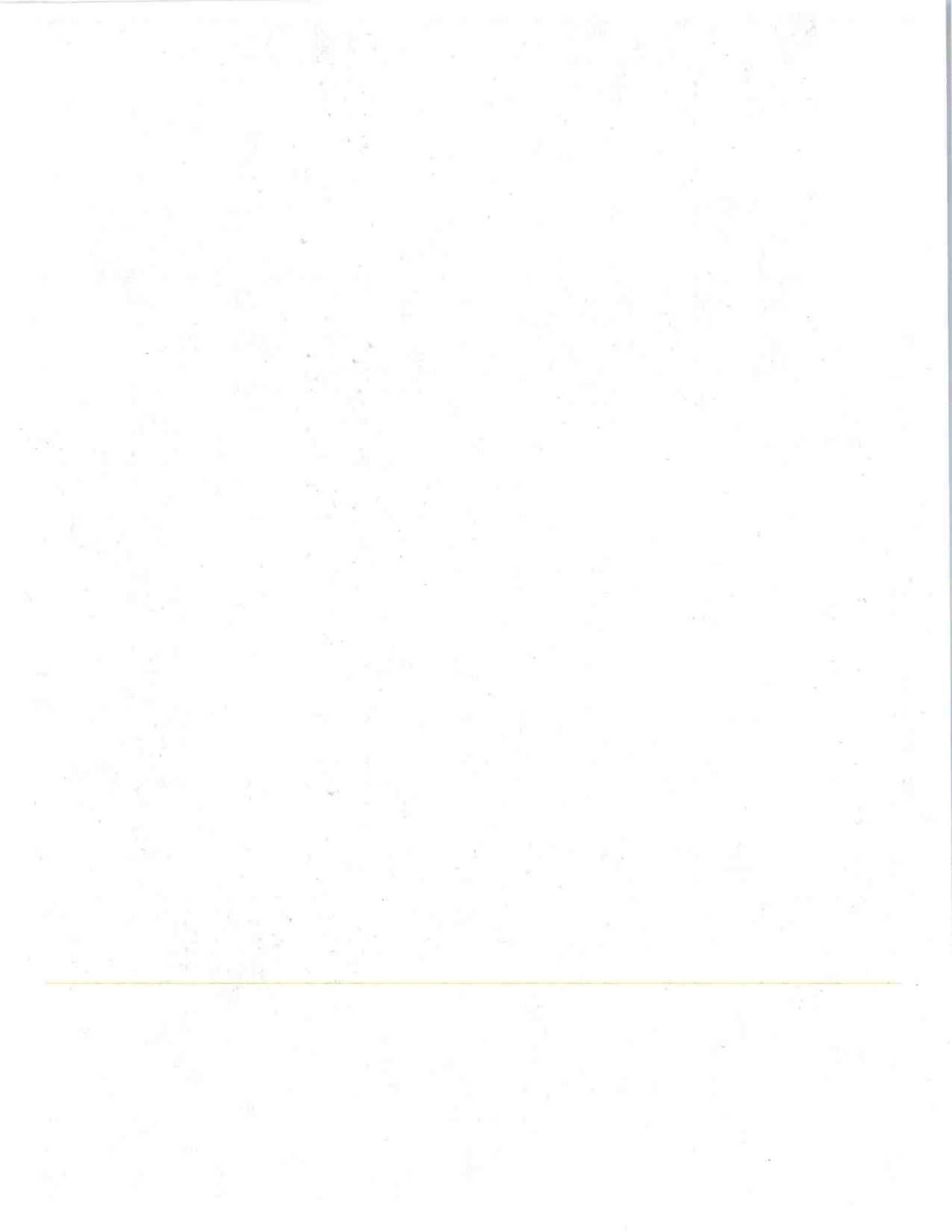


Exhibit A

River Rd Photos 1-42



Exhibit A

River Rd Photos 43-76



300 ft

- 43
- 44
- 45
- 46
- 47
- 48
- 49
- 50
- 51
- 52
- 53
- 54
- 55
- 56
- 57
- 58
- 59
- 60
- 61
- 62
- 63
- 64
- 65
- 66
- 67
- 68
- 69
- 70
- 71
- 72
- 73
- 74
- 75
- 76
- 77

Google Earth

© 2018 Google

Exhibit A

River Rd Photos 77-99



400 ft

Exhibit A

River Rd Photos 100-134



400 ft

Google Earth

© 2018 Google

Exhibit A

River Rd Photos 135-166



400 ft

Exhibit A

River Rd Photos 167-198



400 ft

Mad River Medicinals

APN 208-251-002
Road Evaluation
Photos Site



Exhibit B



Photo #1 River Rd Width 13.9'



Photo #2 River Rd Looking NW



Photo #3 River Rd Looking East @ RR Car Bridge



Photo #4 River Rd Warning sign @ RR Car Bridge



Photo #5 River Rd Looking SW @ Curve w/ Turn-out



Photo #6 River Rd Looking NE @ Curve w/ Turn-out

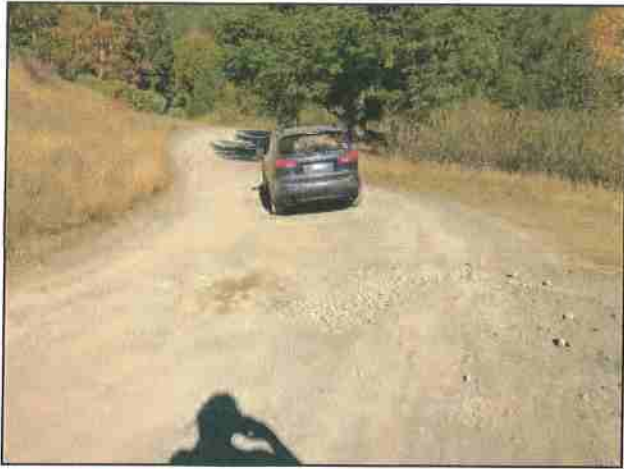


Photo #7 River Rd Looking NE @ Curve w/ Turn-out



Photo #8 River Rd Looking SW @ Curve w/ Turn-out



Photo #9 River Rd Looking SE @ Curve w/ Turn-out



Photo #10 River Rd Width 14.3'

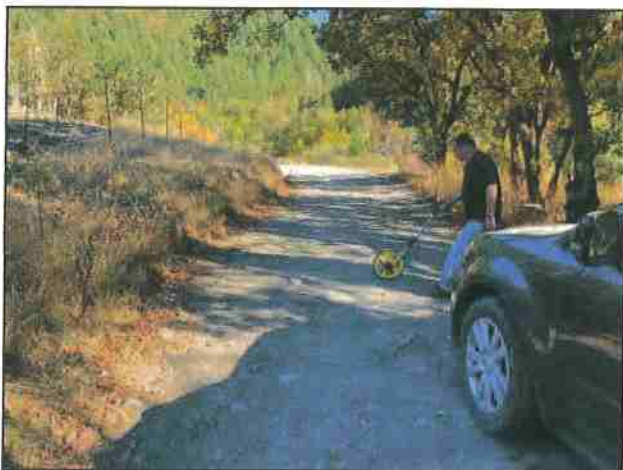


Photo #11 River Rd Looking East @ Curve w/ Turnout

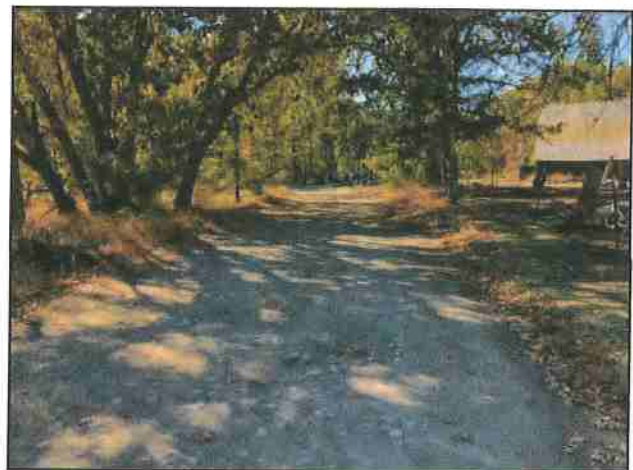


Photo #12 River Rd Looking West



Photo #13 River Rd Looking NW



Photo #14 River Rd Looking SE @ Potholing Caused by Poor Drainage



Photo #15 River Rd Looking @ 36" Culvert In



Photo #16 River Rd Looking @ Dual 36" Culverts Out



Photo #17 River Rd Looking NW @ Curve w/ Turnout

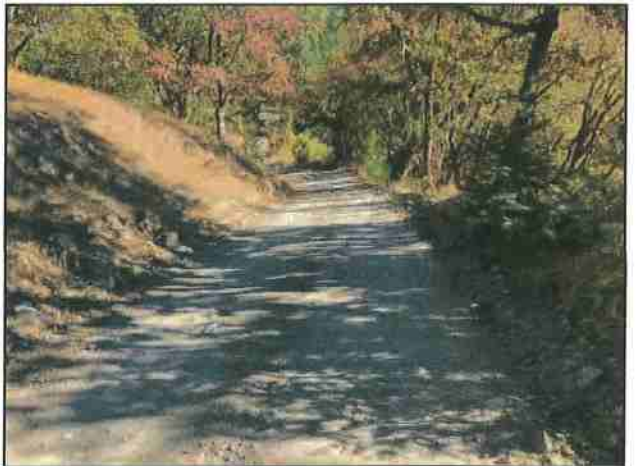


Photo #18 River Rd Looking SE @ Curve wo/ Turnout

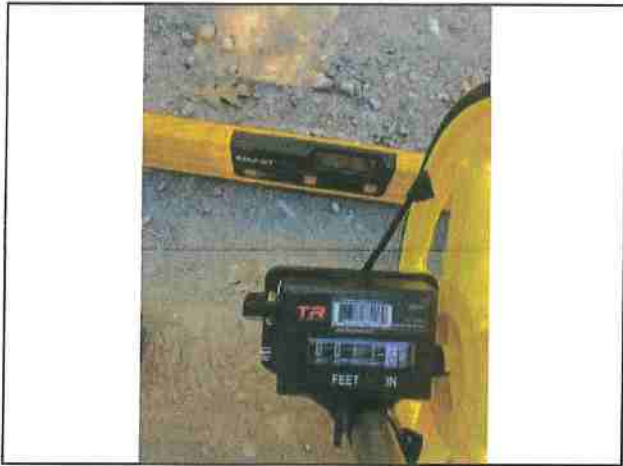


Photo #19 River Rd 14.8% Slope & 11.5' Width

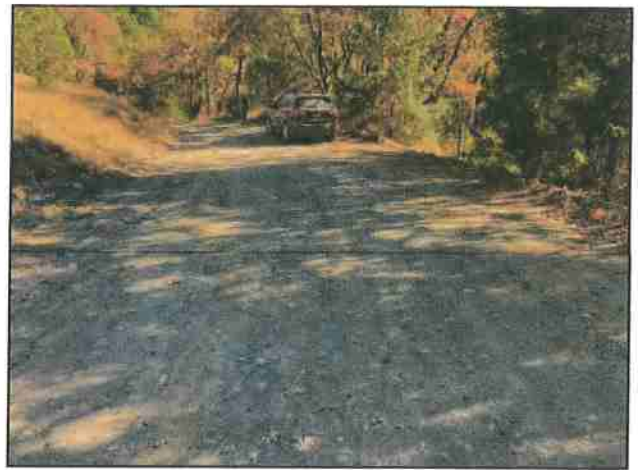


Photo #20 River Rd Looking SE @ Curve w/
Turnout

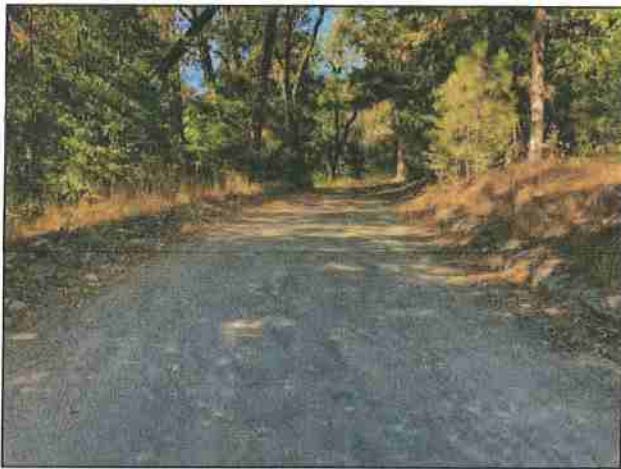


Photo #21 River Rd Looking NW



Photo #22 River Rd 13.9' Width



Photo #23 River Rd Looking @ Curve w/ Turnout



Photo #24 River Rd 15.10' Width



Photo #25 River Rd Looking @ Clogged 12" Culvert In



Photo #26 River Rd Looking @ Clogged 12" Culvert Out



Photo #27 River Rd Looking NW @ Erosion & Tire Tracks Over Eroded Area



Photo #28 River Rd 12" Clogged 12" Culvert Out



Photo #29 River Rd Looking @ Clogged 12" Culvert In



Photo #30 River Rd Looking SE @ Erosion



Photo #31 River Rd Looking SE Closeup @ Erosion



Photo #32 River Rd Looking SE @ Tire Tracks @ Erosion Area



Photo #33 River Rd Possible Culvert In. No Culvert Out Was Identified.



Photo #34 River Rd Looking NW @ Curve w/ Pullout

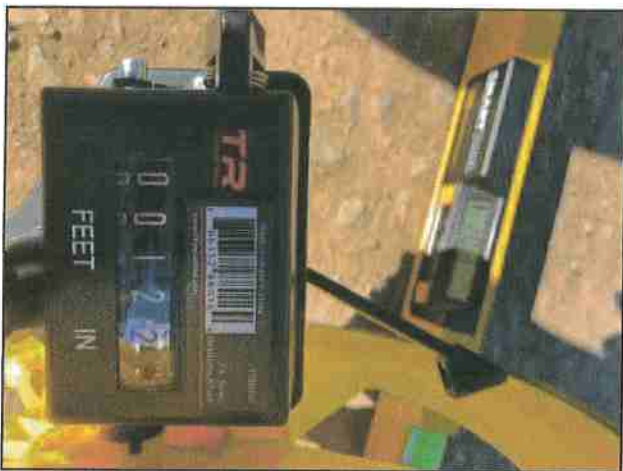


Photo #35 River Rd 10.3% Slope & 12.2' Width



Photo #36 River Rd Looking NW @ Curve w/ Pullout & Approach

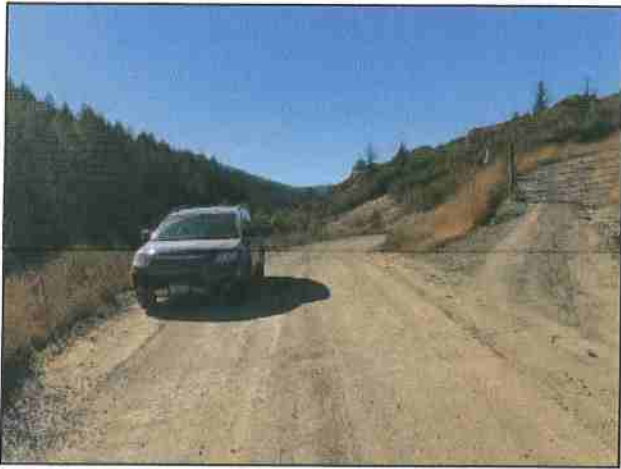


Photo #37 River Rd Looking West @ Curve w/ Pullout



Photo #38 River Rd Looking East



Photo #39 River Rd Looking East @ Curve w/ Pullout



Photo #40 River Rd Width 16.1'



Photo #41 River Rd Looking East @ Curve w/ Pullout & Approach w/ Erosion from Drainage



Photo #42 River Rd Looking West @ Curve w/ Pullout

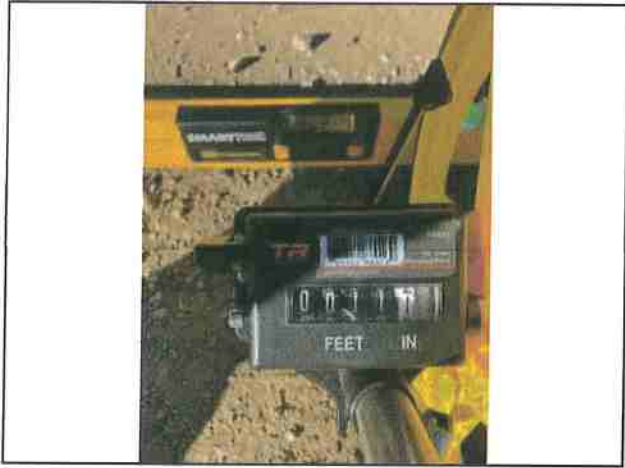


Photo #43 River Rd Slope 10.2% Width 11.1'



Photo #44 River Rd Looking West @ Curve w/o Turnout



Photo #45 River Rd Looking East @ Curve w/ Pullout



Photo #46 River Rd Looking West @ Turnout



Photo #47 River Rd Looking East @ Turnout

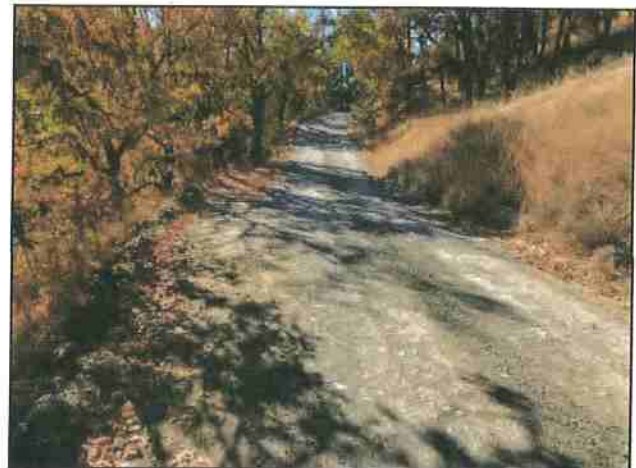


Photo #48 River Rd Looking West @ Turnout



Photo #49 River Rd 12" Culvert Out



Photo #50 River Rd 12" Culvert In



Photo #51 River Rd Looking North @ Slide Area Feeding Culvert In Photo #50



Photo #52 River Rd Slope 17.5% Width 12.8'

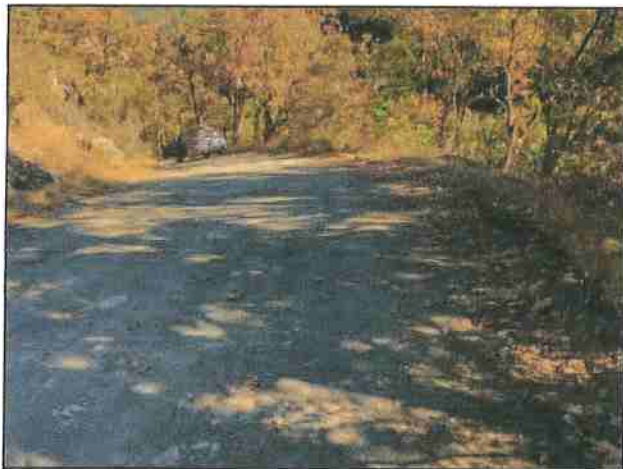


Photo #53 River Rd Looking SE @ Curve w/ Turnout

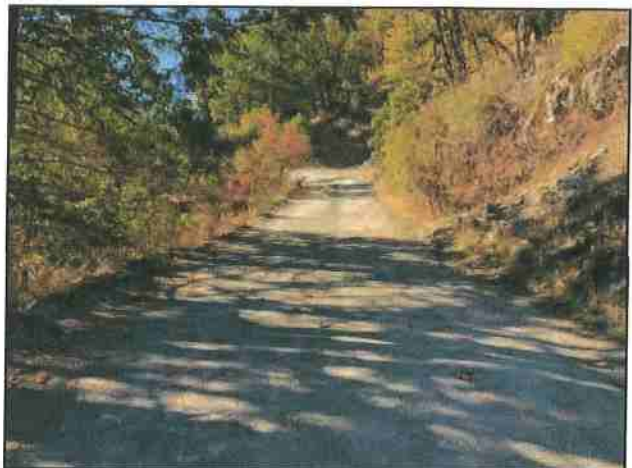


Photo #54 River Rd Looking NW @ Curve w/ Turnout

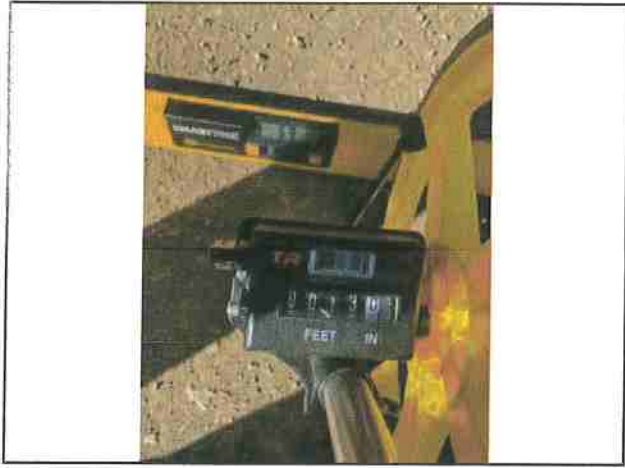


Photo #55 River Rd Slope 6.9% Width 13.0'



Photo #56 River Rd Looking @ Slide

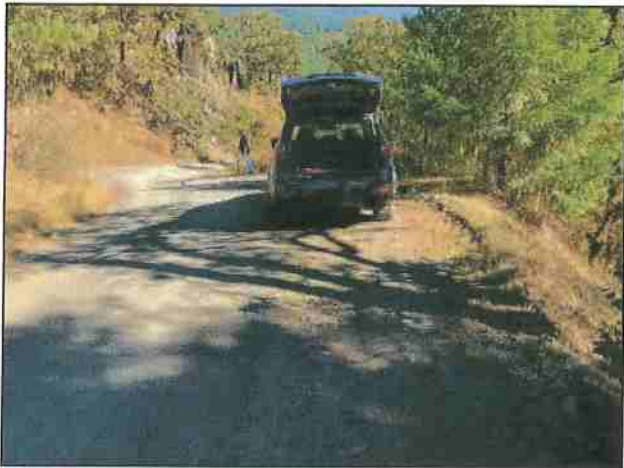


Photo #57 River Rd Looking East @ Curve w/
Turnout

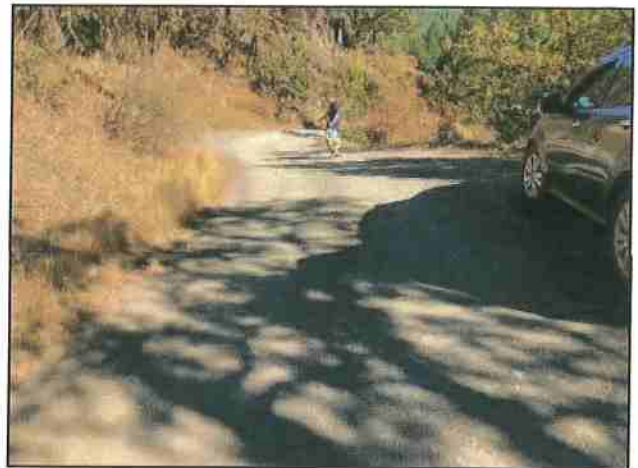


Photo #58 River Rd Looking East @ Curve w/
Turnout

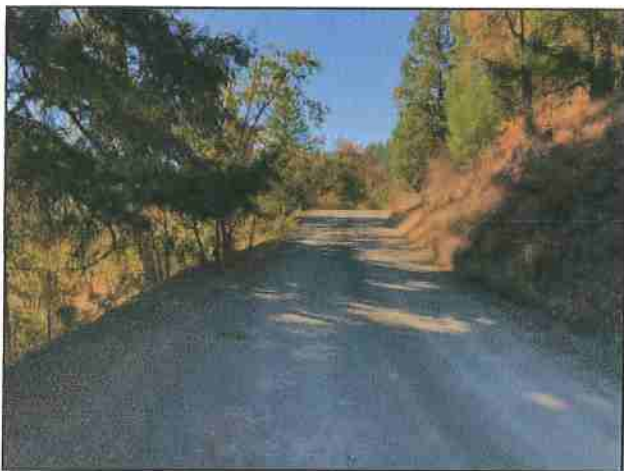


Photo #59 River Rd Looking NW @ Curve w/
Turnout



Photo #60 River Rd Looking @ Erosion and Tire
Tracks through Erosion Area



Photo #61 River Rd Looking @ Clogged Culvert In



Photo #62 River Rd Looking @ 36" Culvert Out (Dual?)



Photo #63 River Rd Looking @ 36" Culvert Out (Dual?)

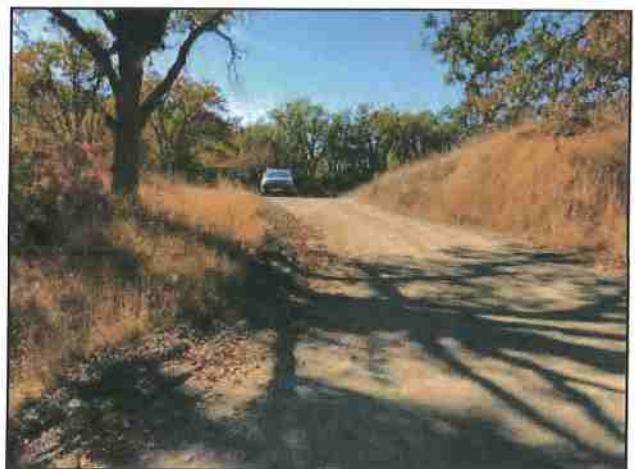


Photo #64 River Rd Looking SW @ Turnout Prior to Curve

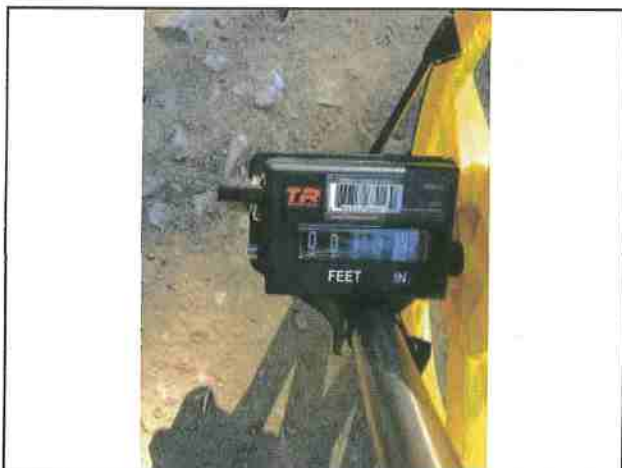


Photo #65 River Rd Width 13.9'

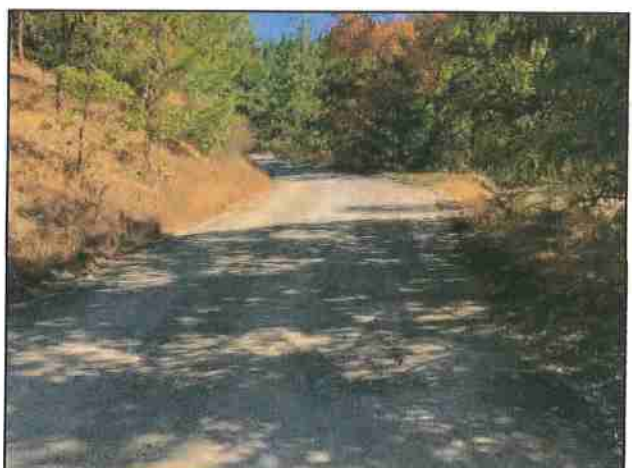


Photo #66 River Rd Looking SE @ Curve w/ Turnout

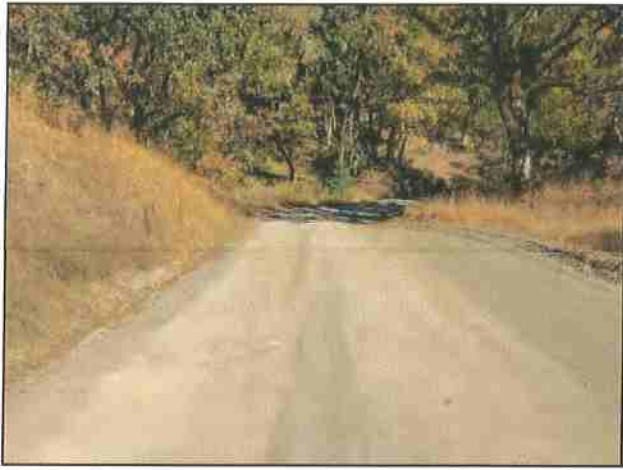


Photo #67 River Rd @ Turnout Looking @ Curve



Photo #68 River Rd Looking @ 6" Culvert In



Photo #69 River Rd Looking @ 6" Culvert Out



Photo #70 River Rd @ Turnout Looking @ Curve

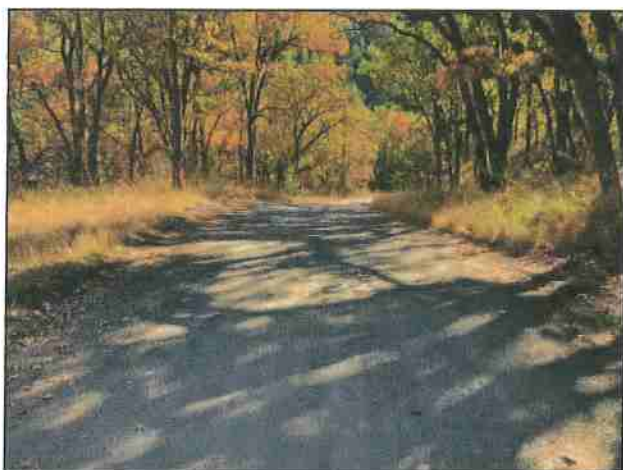


Photo #71 River Rd Looking North @ Curve w/
Pullout



Photo #72 River Rd Width 16.2' @ Turnout

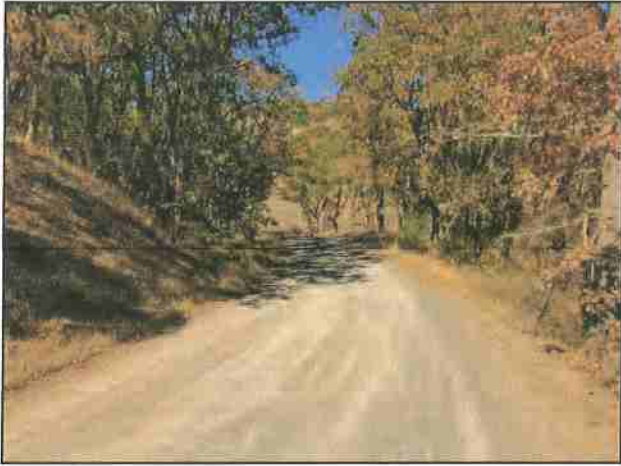


Photo #73 River Rd @ Turnout Looking North @ Curve



Photo #74 River Rd Looking @ Curve w/ Turnout

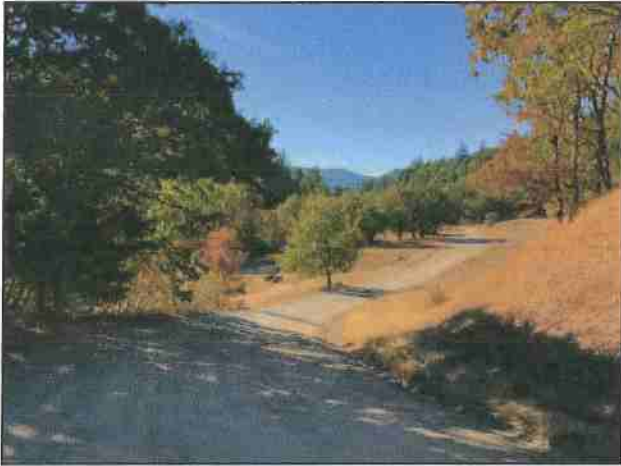


Photo #75 River Rd Looking SW @ Curve w/ Turnout



Photo #76 River Rd Looking SW @ Curve w/ Turnout



Photo #77 River Rd Width 18.1' @ Turnout



Photo #78 River Rd Looking West @ Turnaround Area



Photo #79 River Rd Looking West@ Curve w/ Turnout

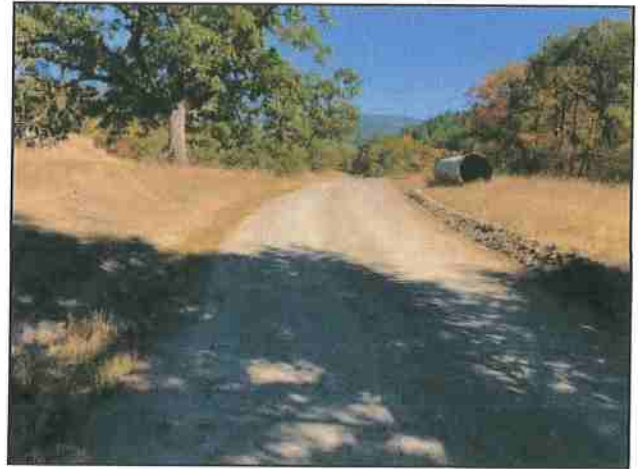


Photo #80 River Rd Looking East @! Curve w/ Turnout



Photo #81 River Rd Slope 9.0% Width 10.7'

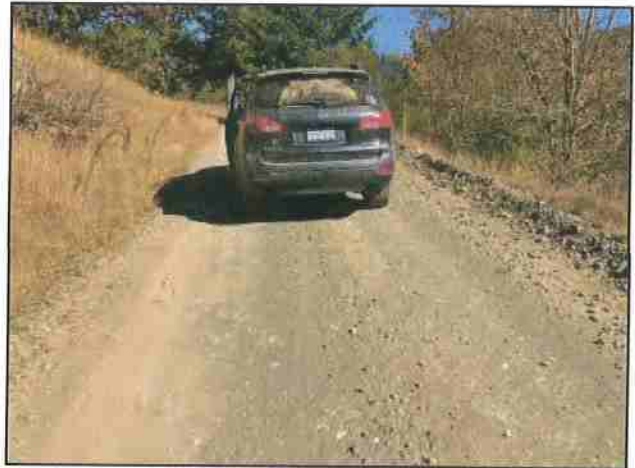


Photo #82 River Rd Looking East



Photo #83 River Rd Looking West @ gate



Photo #84 River Rd 15Ft Wide Gate



Photo #85 River Rd Looking West @ Turnout @ Curve

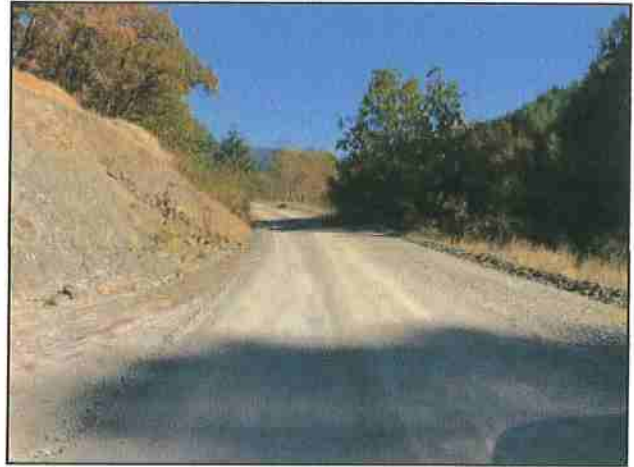


Photo #86 River Rd Looking East @ Turnout @ Curve



Photo #87 River Rd @ Turnout Looking West Towards Curve

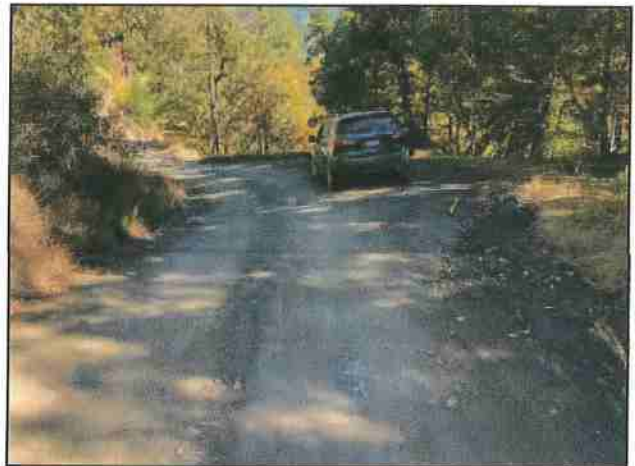


Photo #88 River Rd Looking East @ Curve w/ Turnout



Photo #89 River Rd Looking @ 24" Culvert Out



Photo #90 River Rd Looking @ Clogged 24" Culvert In



Photo #91 River Rd Looking North @ Approach



Photo #92 River Rd Looking SW @ Turnout, Approach, & Curve



Photo #93 River Rd Width 12.4'

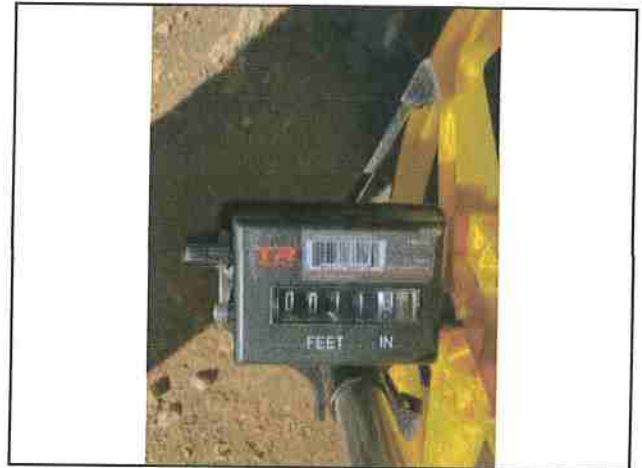


Photo #94 River Rd Width 11.10'

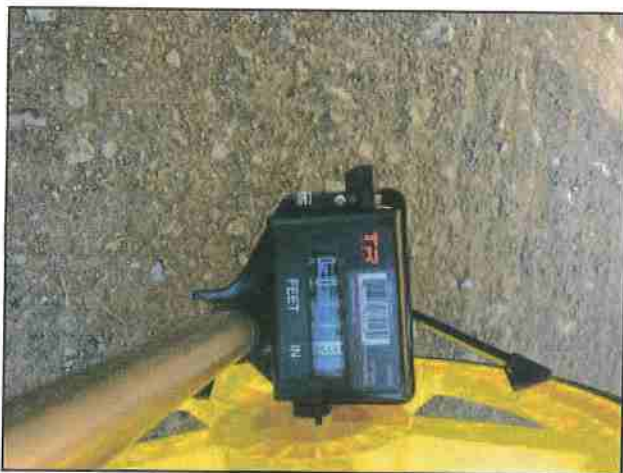


Photo #95 River Rd Width 11.9'

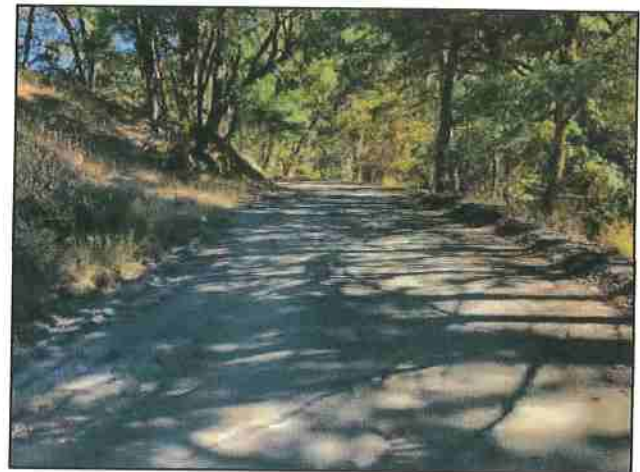


Photo #96 River Rd Looking SE @ urve w/ Turn-out

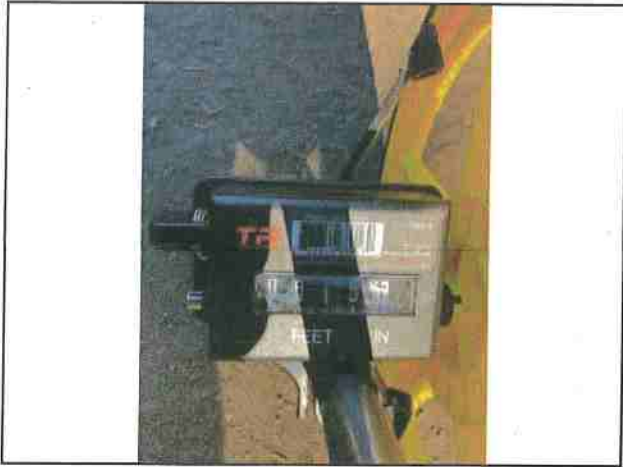


Photo #97 River Rd Width 15.1'

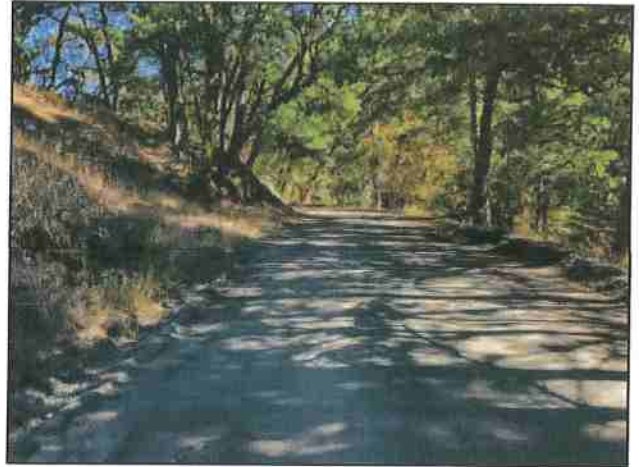


Photo #98 River Rd Looking SE @ Curve w/
Turnout



Photo #99 River Rd Looking NW @ Drainage
Problem



Photo #100 River Rd @ Curve w/ Turnout Look-
ing SE



Photo #101 River Rd Width 12.6'

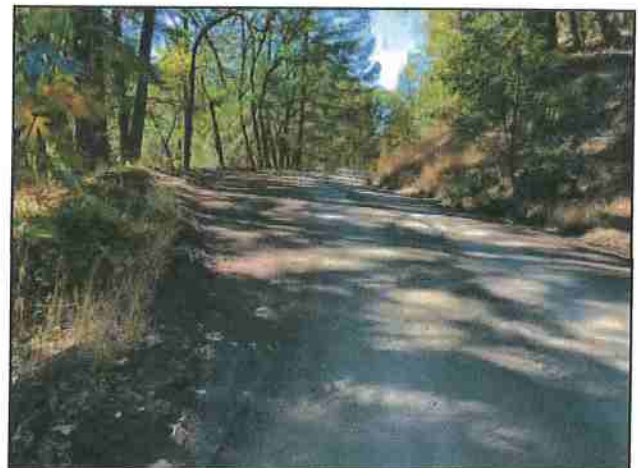


Photo #102 River Rd Looking SE @ Curve w/
Turnout



Photo #103 River Rd Looking @ 36" Culvert Out



Photo #104 River Rd Looking @ Partially Clogged 36" Culvert In

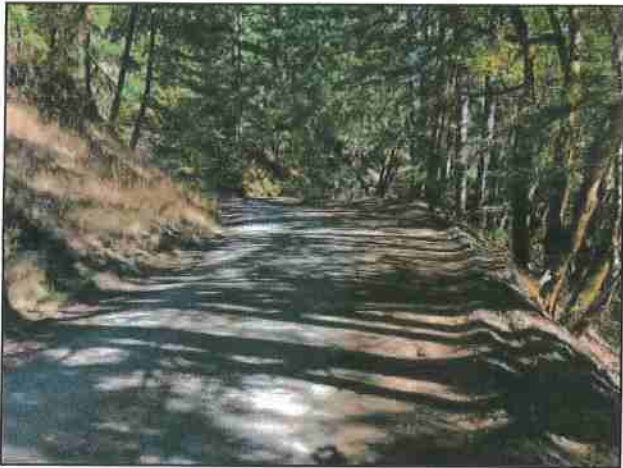


Photo #105 River Rd Looking East @ Curve w/ Turnout



Photo #106 River Rd Width 14.3'

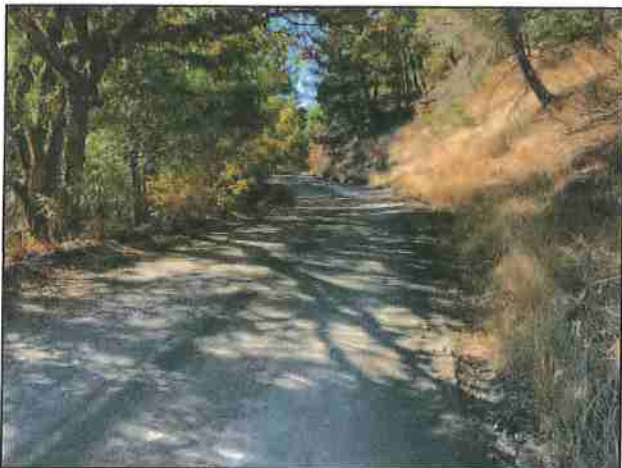


Photo #107 River Rd Looking West @ Curve w/ Turnout

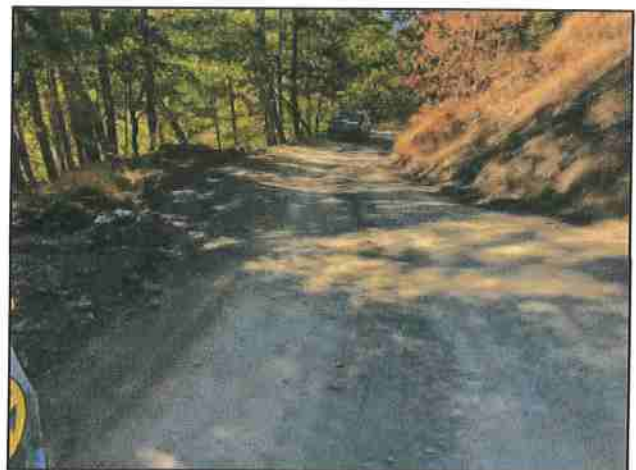


Photo #108 River Rd Looking West @ Curve w/ Turnout

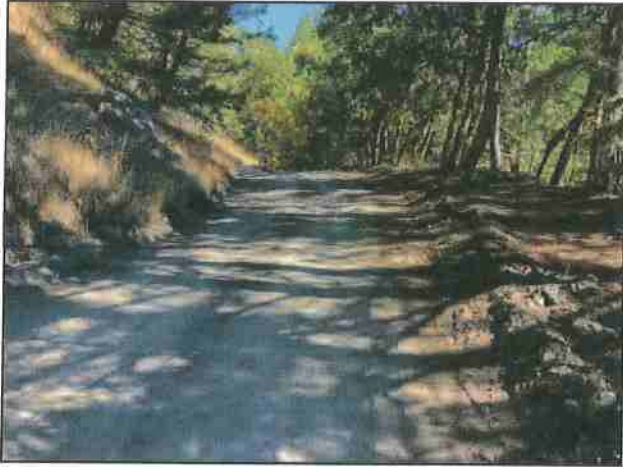


Photo #109 River Rd Looking East @ Curve w/
Turnout



Photo #110 River Rd Looking @ 36" Culvert Out



Photo #111 River Rd Looking @ Partially Clogged
36" Culvert In

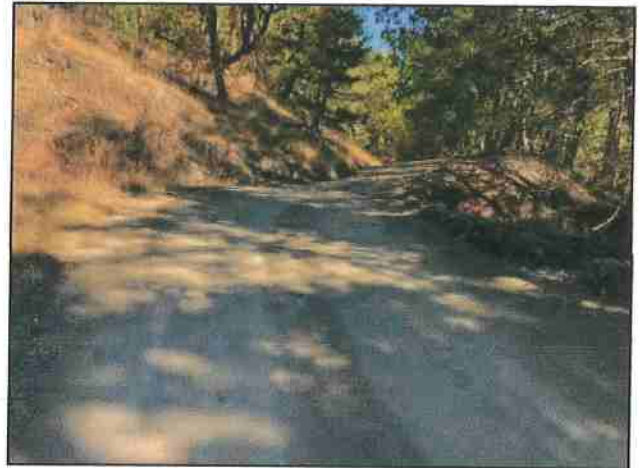


Photo #112 River Rd Looking East @ Curve w/
Turnout

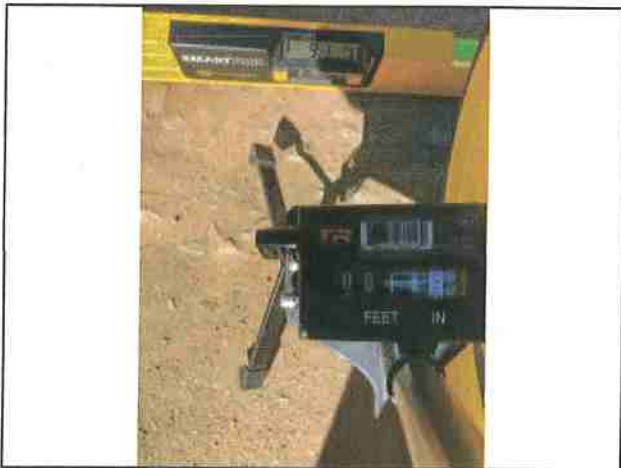


Photo #113 River Rd Slope 9.1% Width 14.6'



Photo #114 River Rd Looking @ Erosion Issue

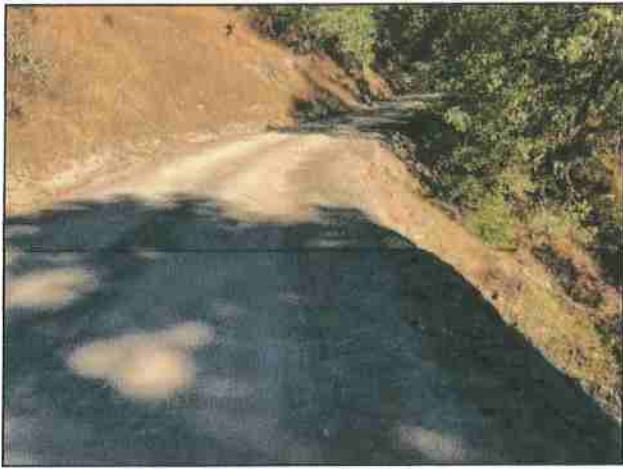


Photo #115 River Rd Looking East @ Narrowed Curve Area w/ Tire Tracks Over Eroded Area



Photo #116 River Rd Looking North @ Hilside Slip



Photo #117 River Rd Looking West @ Narrowed Curve Area w/ Tire Tracks Over Curve Area



Photo #118 River Rd Looking North @ Hilside Slip



Photo #119 River Rd Looking West



Photo #120 River Rd Looking East @ Curve w/ Turnout



Photo #121 River Rd Width 14.0'



Photo #122 River Rd Width 12.2'



Photo #123 River Rd Looking West @ Curve w/ Turnout

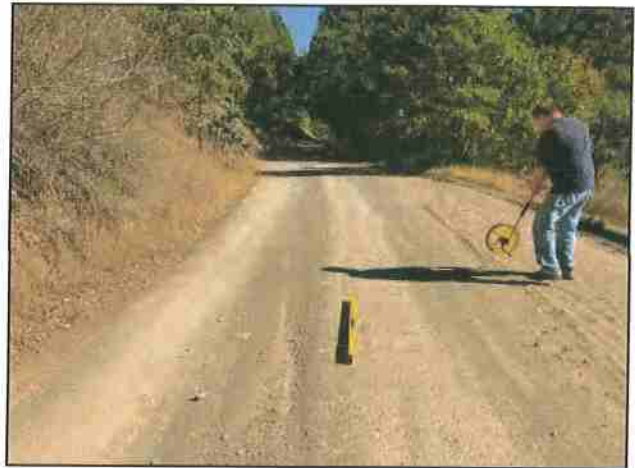


Photo #124 River Rd Looking East @ Curve w/ Turnout



Photo #125 River Rd Looking @ 36" Culvert Out



Photo #126 River Rd Looking @ 36" Culvert In



Photo #127 River Rd Looking @ Culvert Location
In Photos 126 & 125 Erosion Area



Photo #128 River Rd Slope 14.2% Width 12.0'

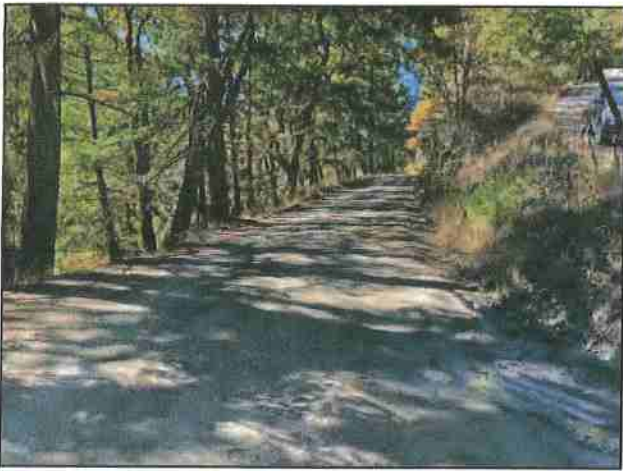


Photo #129 River Rd @ Curve w/ Turnout Look-
ing NW



Photo #130 River Rd Looking East @ Approach
Looking @ Curve w/ Turnout

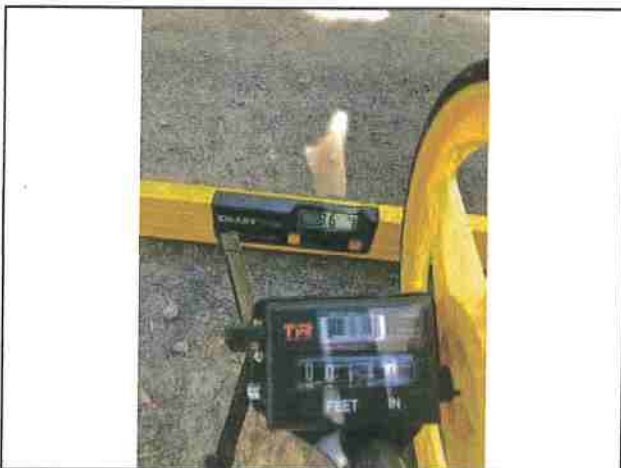


Photo #131 River Rd Slope 3.6% Width 14.1'



Photo #132 River Rd Looking West



Photo #133 River Rd Looking East @ Curve w/ Turnout



Photo #134 River Rd Looking West @ Curve w/ Turnout



Photo #135 River Rd @ Curve w/ Turnout Looking West



Photo #136 River Rd Turnbout Widit 19.7'



Photo #137 River Rd @ Curve w/ Turnout Looking West



Photo #138 River Rd Looking @ 36" Culvert Out



Photo #139 River Rd Looking @ Partially Clogged 36" Culvert In



Photo #140 River Rd Looking West @ Drainage Issue



Photo #141 River Rd Looking East @ Curve w/ Turnout



Photo #142 River Rd Width 21.10'



Photo #143 River Rd Looking @ Drainage Path Over Road



Photo #144 River Rd Looking @ Potential Clogged Culvert Inlet. Outlet Was't Found



Photo #145 River Rd Looking @ Erosion Issue From Lack of Functioning Culvert



Photo #146 River Rd Width 14.5'



Photo #147 River Rd Looking West from Turnout Area



Photo #148 River Rd Slope 16.3'



Photo #149 River Rd Looking NW @ Curve w/ Turnout



Photo #150 River Rd Looking NW @ Curve w/ Turnout



Photo #151 River Rd Looking @ 24" Culvert Out



Photo #152 River Rd Looking @ 24" Culvert In



Photo #153 River Rd Looking @ 36" Culvert Out



Photo #154 River Rd Looking @ Partially Clogged 36" Culvert In



Photo #155 River Rd Looking SE @ Curve w/ Turnout & Old Culvert



Photo #156 River Rd Width 12.8'



Photo #157 River Rd Looking West @ Curve w/ Turnout & Old Culvert Seen In Photo 155

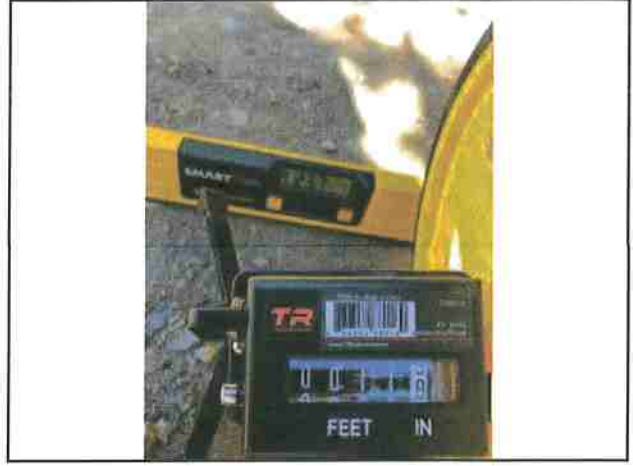


Photo #158 River Rd Slope 23.7% Width 11.8'



Photo #159 River Rd Looking East @ Approach



Photo #160 River Rd Looking West



Photo #161 River Rd Looking West @ Curve w/ Turnout



Photo #162 River Rd Looking West



Photo #163 River Rd Width 17.0' @ Turnout



Photo #164 River Rd Looking @ Partially Clogged 24" Culvert Out



Photo #165 River Rd Looking @ 24" Culvert Out

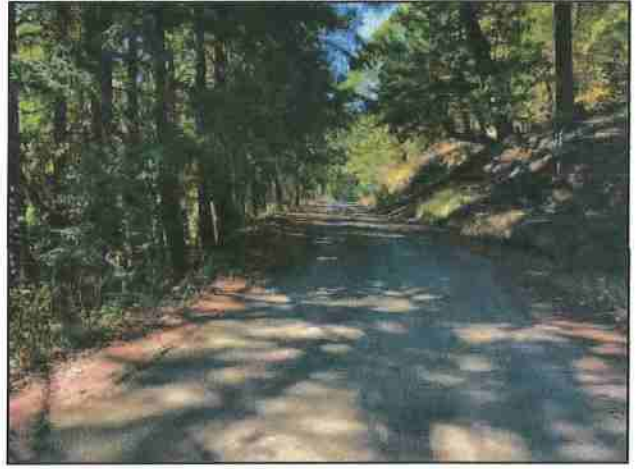


Photo #166 River Rd Looking SE @ Curve w/ Turnout

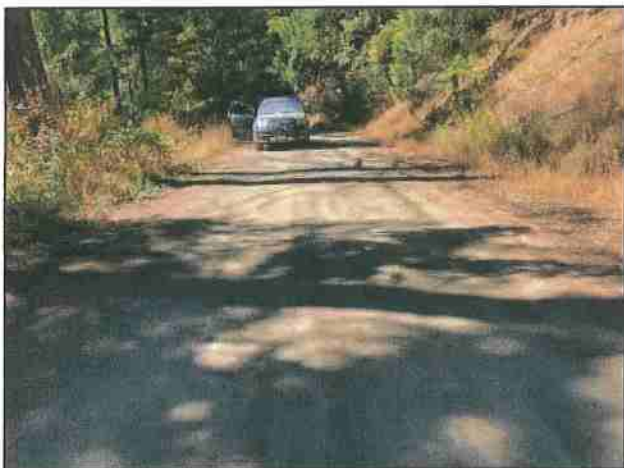


Photo #167 River Rd @ Turnout Looking SW



Photo #168 River Rd Looking NE @ Approach & Turnout Area



Photo #169 River Rd Looking @ Partially Clogged 24" Culvert Under Approach Running E to W



Photo #170 River Rd Looking SW @ Curve w/ Turnout



Photo #171 River Rd Looking @ 24" Culvert Out Under Approach Running East to West



Photo #172 River Rd Turnout Width 16.5'



Photo #173 River Rd Looking @ 36" Culvert Out, Inlet Not Found

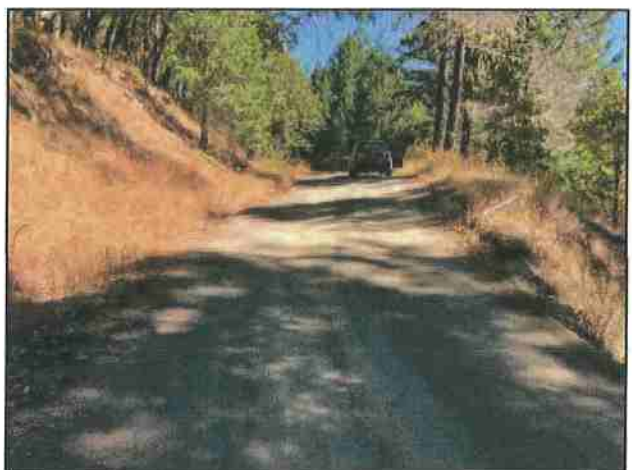


Photo #174 River Rd Looking NE @ Curve w/ Pullout



Photo #175 River Rd Looking SW @ Turnout Area



Photo #176 River Rd Looking @ Partially Clogged 36" Culvert In

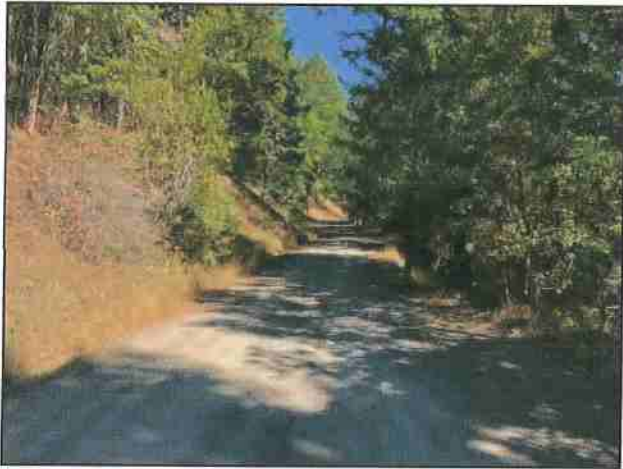


Photo #177 River Rd Looking NE @ Curve w/ Turnout



Photo #178 River Rd Looking @ 36" Culvert Out



Photo #179 River Rd Looking @ Partially Clogged 36" Culvert In

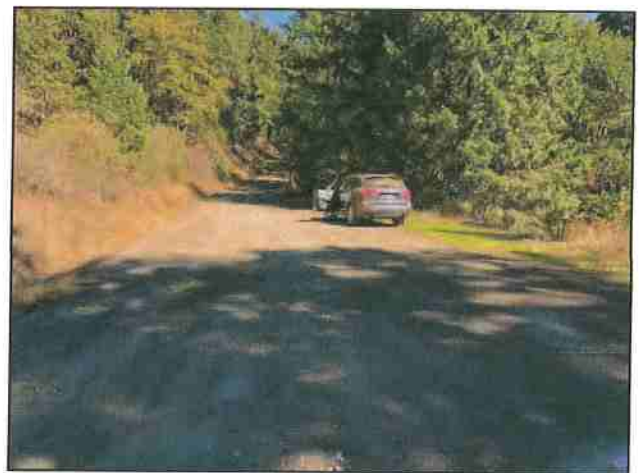


Photo #180 River Rd Looking East @ Turnout Area

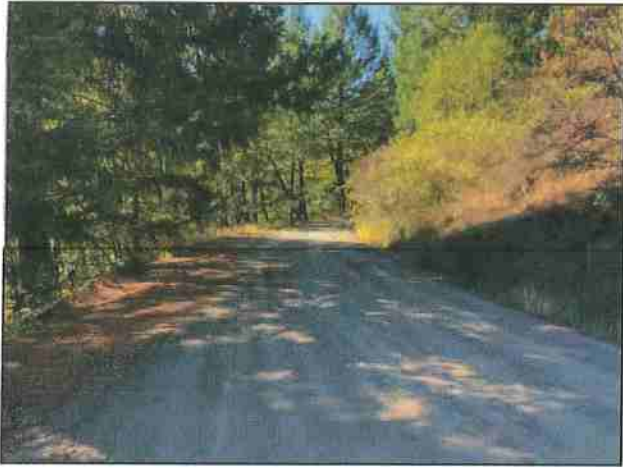


Photo #181 River Rd Looking SW @ Curve w/ Turnout



Photo #182 River Rd Looking West

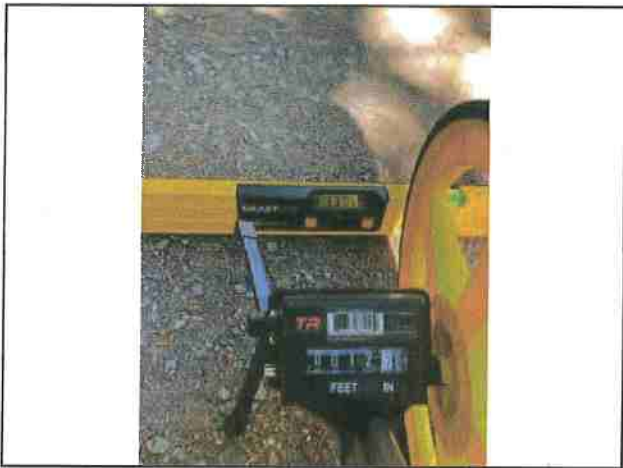


Photo #183 River Rd Slope 11.0% Width 12.7'

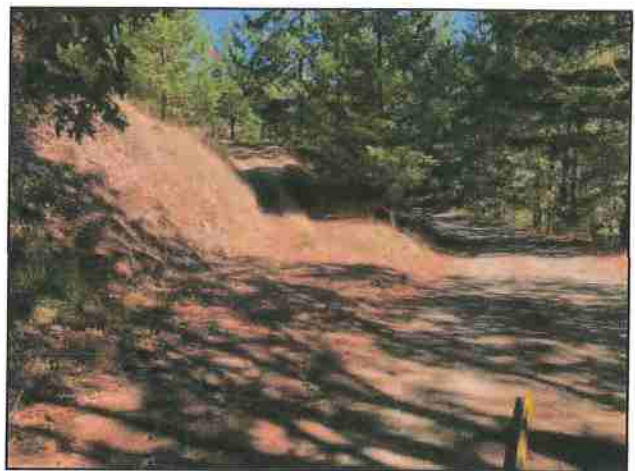


Photo #184 River Rd Looking SE @ Approach



Photo #185 River Rd @ Turnout Looking NW @ Approach



Photo #186 River Rd Width 12.5'



Photo #187 River Rd Looking SE @ Turnout Area



Photo #188 River Rd Looking NW @ Approach



Photo #189 River Rd @ Turnout Looking @ Curve w/ Turnout



Photo #190 River Rd Looking SW @ Turnout Area On Curve



Photo #191 River Rd Looking North @ Gate on Approach



Photo #192 River Rd Looking East



Photo #193 RiSlpe 14.5% Width 12.0' ver Rd



Photo #194 River Rd Looking SE @ Curve w/
Turnout



Photo #195 River Rd Looking NW @ Curve w/
Turnout



Photo #196 River Rd Looking NW @ Gated
Approach



Photo #197 River Rd Looking East @ Curve w/
Turnout



Photo #198 12' Gate @ Approach on River Rd
Seen in Photo 196



Photo #199 River Rd Slope 8.9% Width 11.7'



Photo #200 River Rd Looking NW

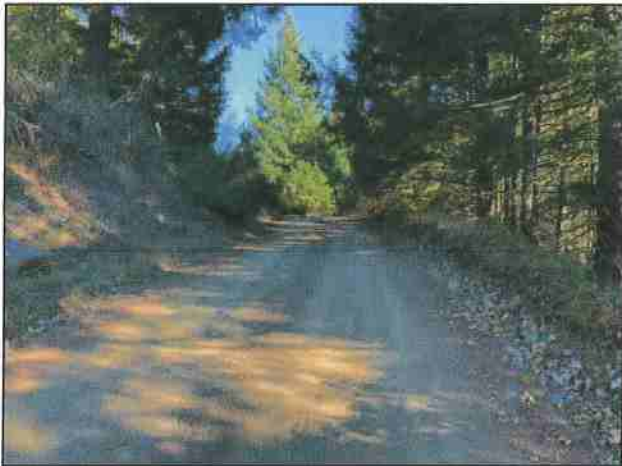


Photo #201 River Rd Looking SE @ Curve w/
Turnout



Photo #202 River Rd Looking NW @ Curve w/
Turnout



Photo #203 River Rd Looking @ 12" Culvert In



Photo #204 River Rd Looking @ 12" Culvert Out



Photo #731 Intersection of River Rd & Private Access Rd Looking NE @ Gated Entrance



Photo #731A Looking @ Gate in Photo 731 Width 12'

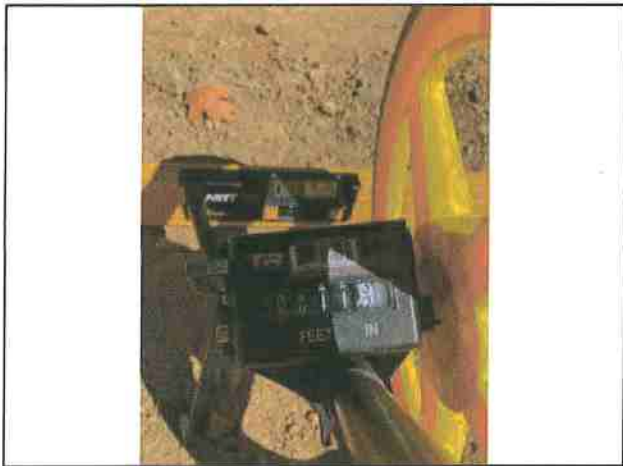
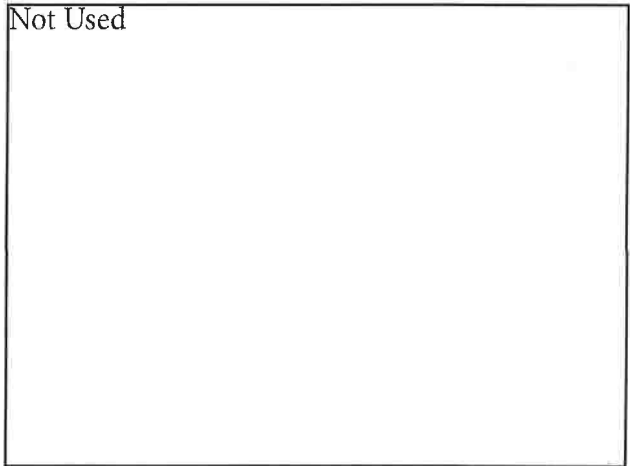


Photo #732 Private Access Rd Slope 19.7% Width 11'3"



Not Used

Photo #733 Not Used



Photo #734 Private Access Rd Looking SW



Photo #735 Private Access Rd @ Curve w/ Turn-out Looking NE



Photo #736 Private Access Rd Looking SW



Photo #737 Private Access Rd @ Curve w/ Turn-out Looking NE



Photo #738 Private Access Rd @ Curve w/ Turn-out Looking NE



Photo #739 Private Access Rd @ Curve w/ Turn-out Looking SW



Photo #740 Private Access Rd Looking @ 12" Culvert Out



Photo #741 Private Access Rd Looking @ 12" Culvert In



Photo #742 Private Access Rd @ Turnout Looking SE



Photo #743 Private Access Rd @ Turnout Looking NW

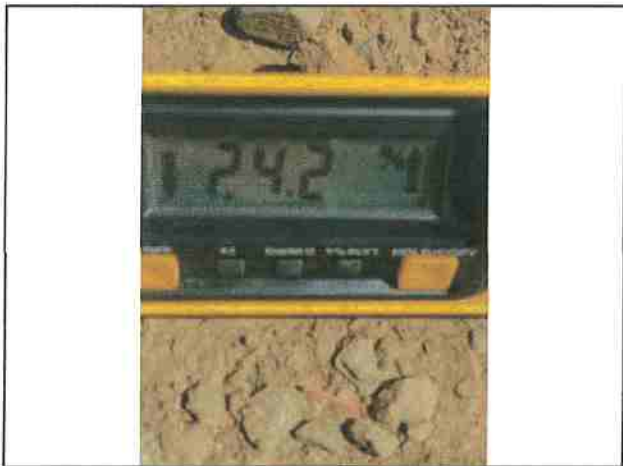


Photo #744 Private Access Rd Slope 24.2%

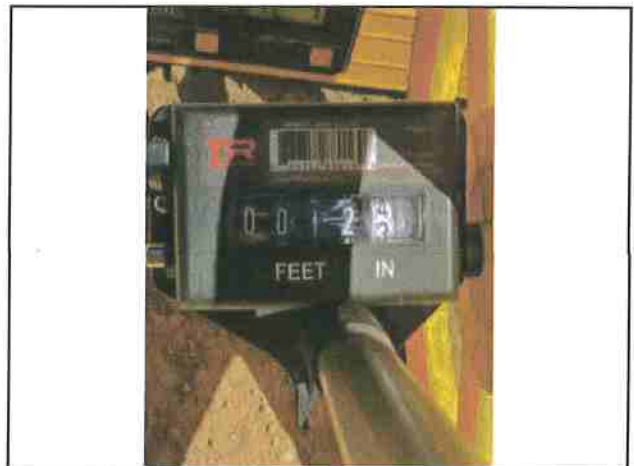


Photo #745 Private Access Rd Slope 12'4"

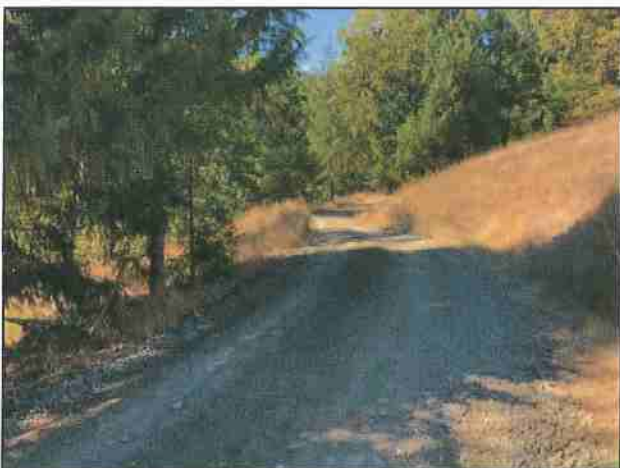


Photo #746 Private Access Rd @ Curve w/ Turnout Looking SW



Photo #747 Private Access Rd @ 18" Culvert Out. Culvert In Was Not Found

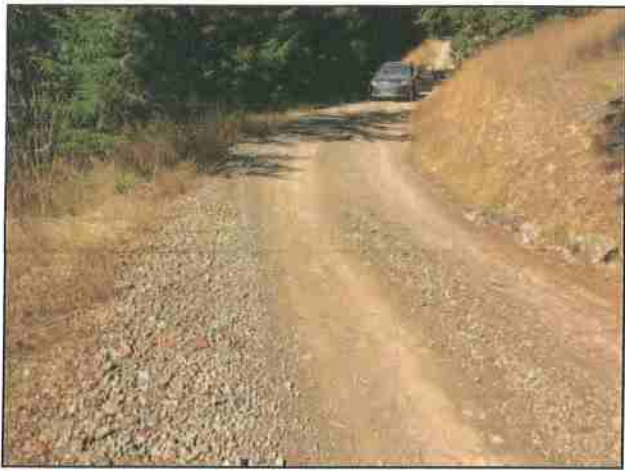


Photo #748 Private Access Rd @ Curve w/ Turn-out Looking SW

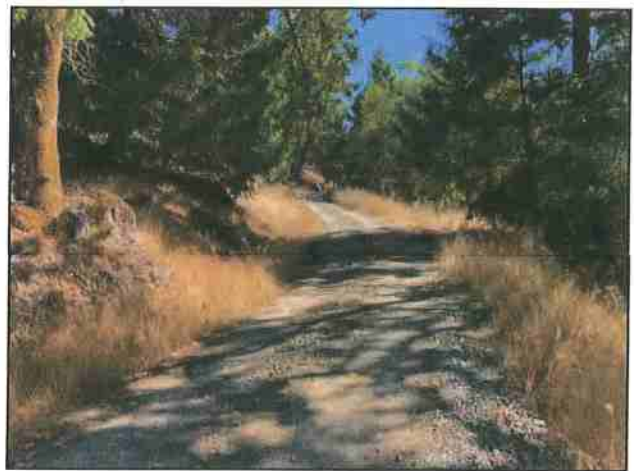


Photo #749 Private Access Rd @ Curve w/ Turn-out Looking NE

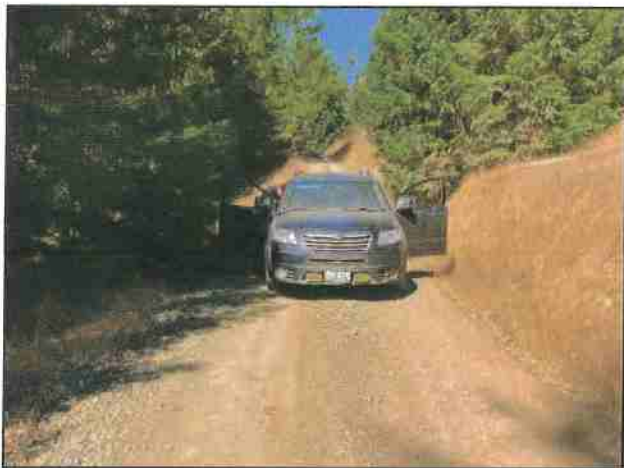


Photo #750 Private Access Rd @ Curve w/ Turn-out Looking SW

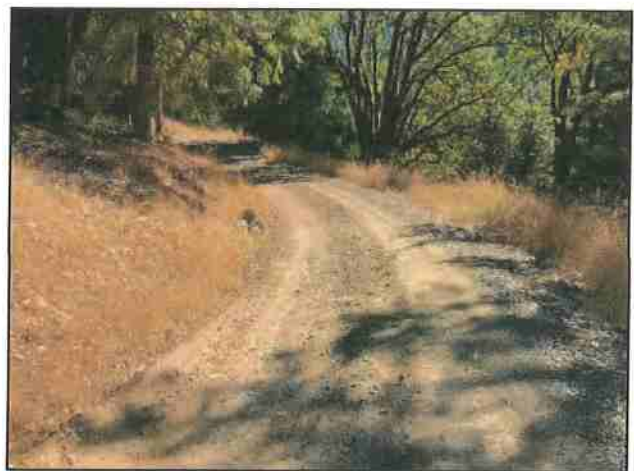


Photo #751 Private Access Rd @ Curve w/ Turn-out Looking NE

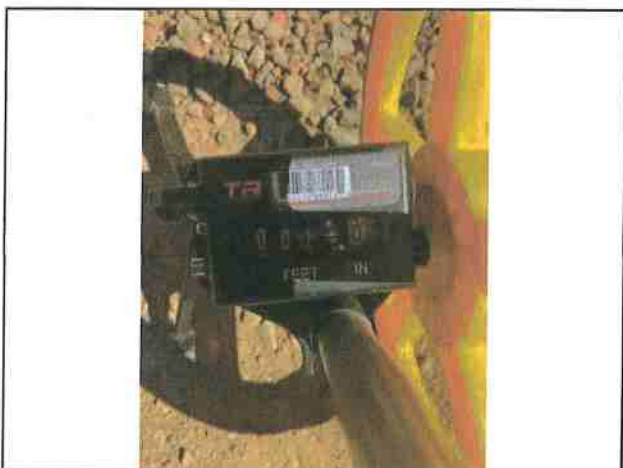


Photo #752 Private Access Rd Width 15'



Photo #753 Private Access Rd Looking @ 18" Culvert Out



Photo #754 Private Access Rd Looking @ Partially Clogged 18" Culvert In



Photo #755 Private Access Rd @ Curve w/ Turnout Looking SE



Photo #756 Private Access Rd @ Curve w/ Turnout Looking NW



Photo #757 Private Access Rd @ Curve w/ Turnout Looking SE



Photo #758 Private Access Rd @ Curve w/ Turnout Looking NW



Photo #759 Private Access Rd @ Curve w/ Turnout Looking NE



Photo #766 Private Access Rd Width 14'11"



Photo #767 Private Access Rd @ Curve w/ Turn-out Looking NE

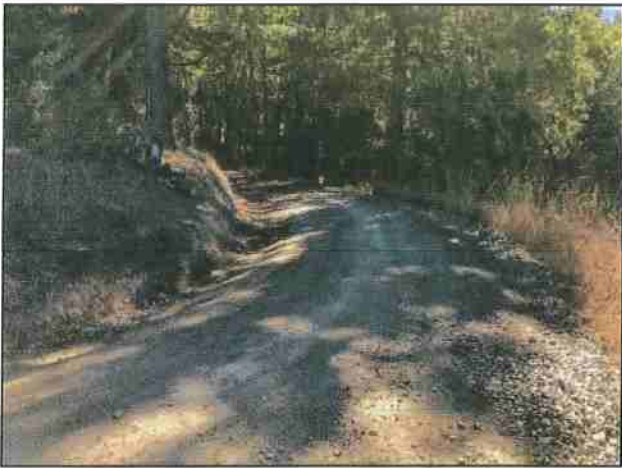


Photo #768 Private Access Rd @ Curve w/ Turn-out Looking SW



Photo # 769 Private Access Rd @ Curve w/ Turn-out Looking SE

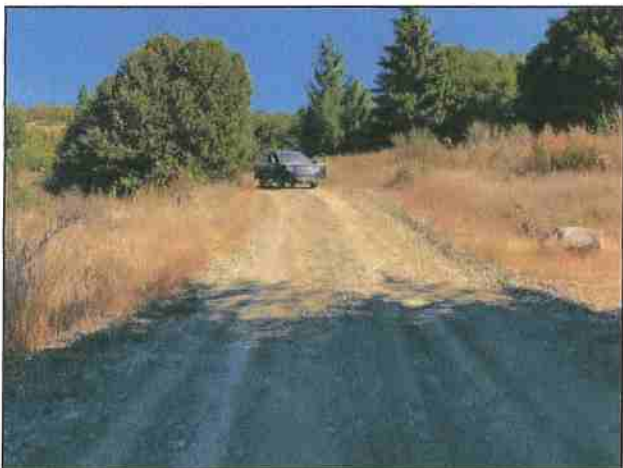


Photo #770 Private Access Rd @ Curve w/ Turn-out Looking NW



Photo #771 Private Access Rd @ Curve w/ Turn-out Looking SE

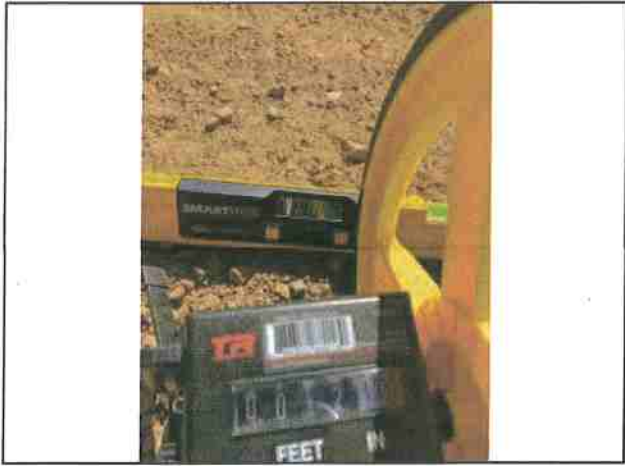


Photo #772 Private Access Rd Slope 24.0% Width 12'1"

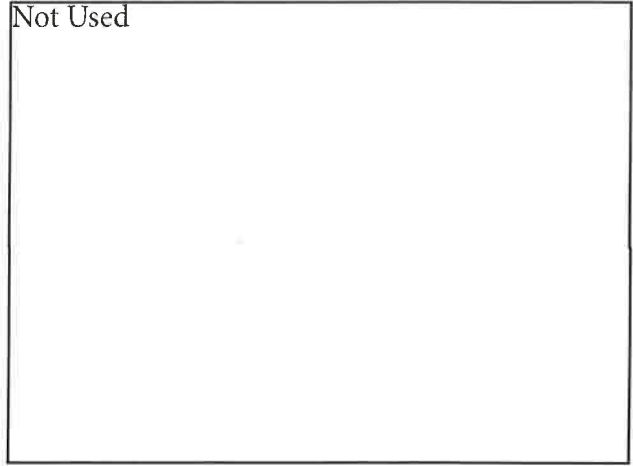


Photo # 773 Not Used

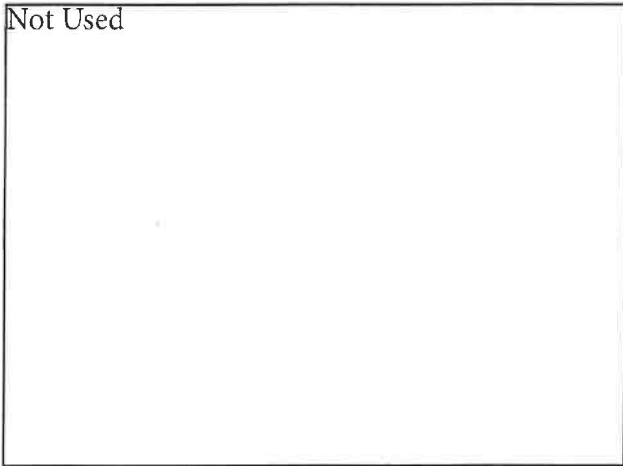


Photo #774 Not Used



Photo #775 Private Access Rd @ Curve w/ Turn-out Looking NE



Photo # 776 Private Access Rd Looking SE @ Intersection

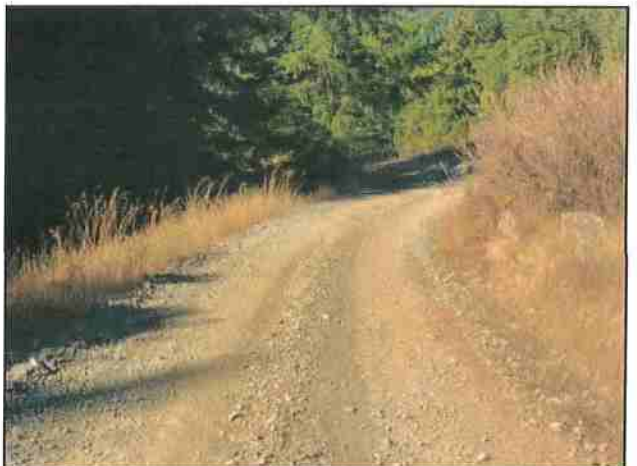


Photo #777 Private Access Rd @ Curve w/ Turn-out Looking NW

Not Used

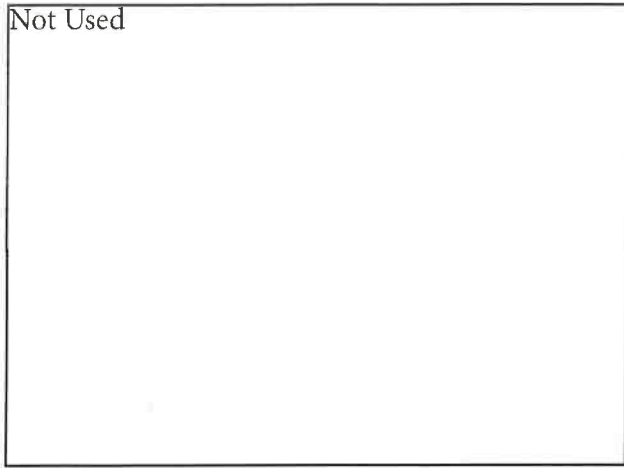


Photo #778 Not used



Photo #779 Private Access Rd Slope 17.4% Width 11'0"



Photo #780 Private Access Rd Looking NW



Photo #781 Private Access Rd Width 11'3"

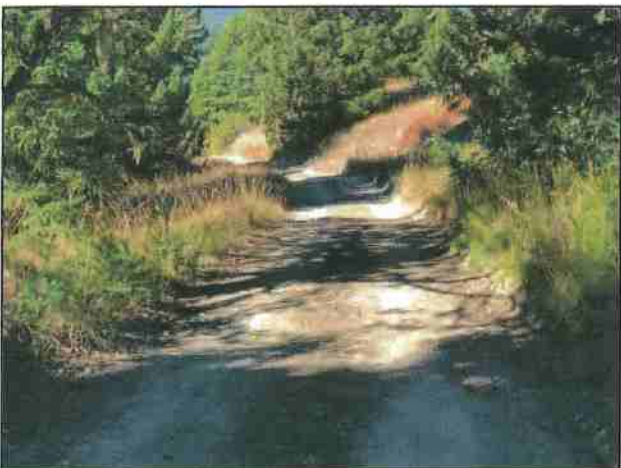


Photo #782 Private Access Rd Looking NW



Photo #783 Private Access Rd Gate Width 12'3"



Photo #143 Mad River Medicinals Private Access Rd Looking North



Photo #144 Mad River Medicinals Private Access Rd Looking North @ Approach



Photo #145 Mad River Medicinals Private Access Rd Looking NE @ Curve w/ Turnout



Photo #146 Mad River Medicinals Private Access Rd Looking SW

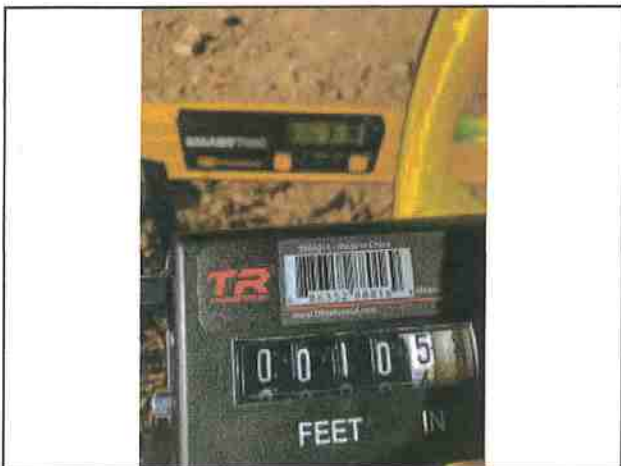


Photo #147 Mad River Medicinals Private Access Rd Slope 10.9% Width 10.5'



Photo #148 Mad River Medicinals Private Access Rd Looking North @ Curve w/ Turnout



Photo #149 Mad River Medicinals Private Access Rd Looking SW @ Curve w/ Turnout



Photo #150 Mad River Medicinals Private Access Rd Slope 15.4% Width 10.9'



Photo #151 Mad River Medicinals Private Access Rd @ Curve w/ Turnout Looking North

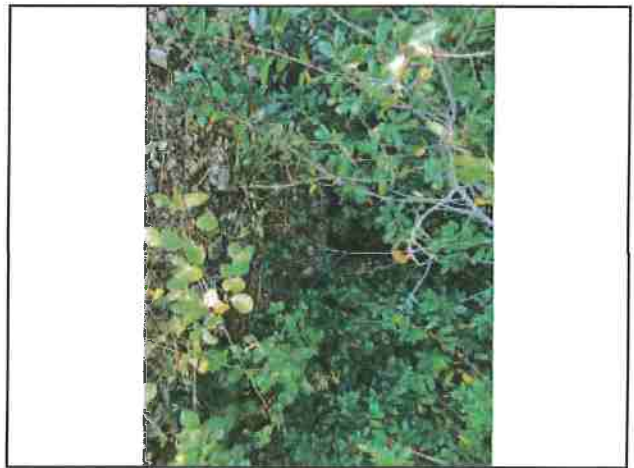


Photo #152 Mad River Medicinals Private Access Rd Looking @ Partially Clogged 24" Culvert In



Photo #153 Mad River Medicinals Private Access Rd Looking @ 24" Culvert Out



Photo #154 Mad River Medicinals Private Access Rd Looking SW @ Curve w/ Turnout

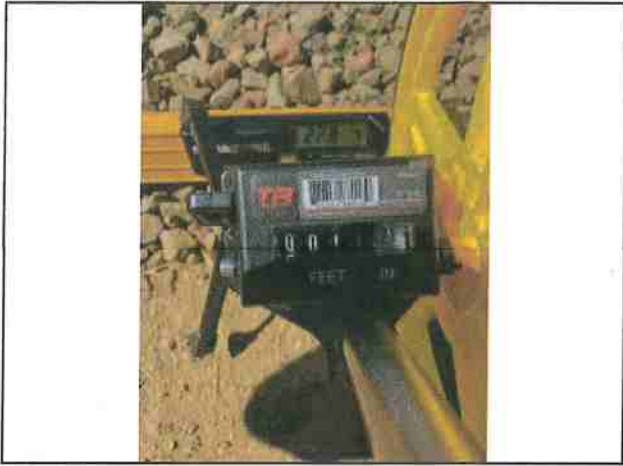


Photo #155 Mad River Medicinals Private Access Rd Slope 22.8% Width 11.2'



Photo #156 Mad River Medicinals Private Access Rd Looking SW @ Curve w/ Turnout



Photo #157 Mad River Medicinals Private Access Rd Looking North @ Curve w/ Turnout

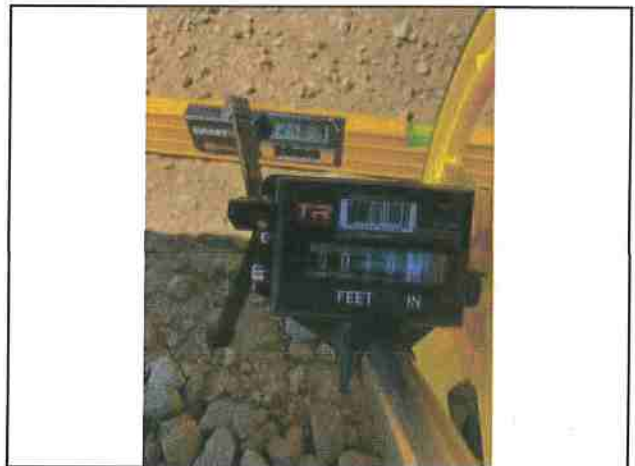


Photo #158 Mad River Medicinals Private Access Rd Slope 26.8% Width 10.8'



Photo #159 Mad River Medicinals Private Access Rd @ Turnout Location Looking SW

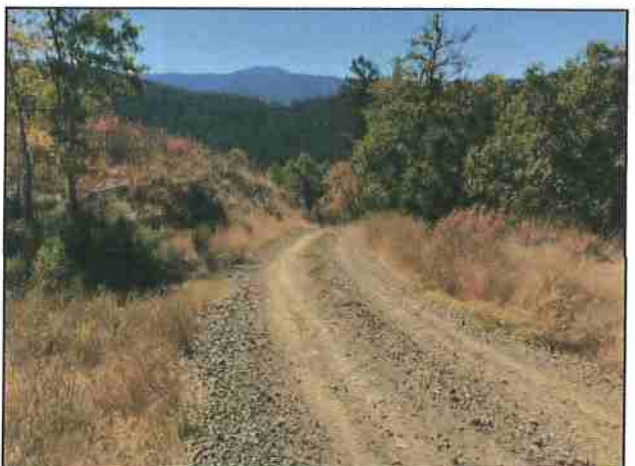


Photo #160 Mad River Medicinals Private Access Rd @ Turnout Location Looking NE @ Curve



Photo #167 Mad River Medicinals Private Access Rd Looking SE @ Curve w/ Turnout



Photo #168 Mad River Medicinals Private Access Rd Looking SE

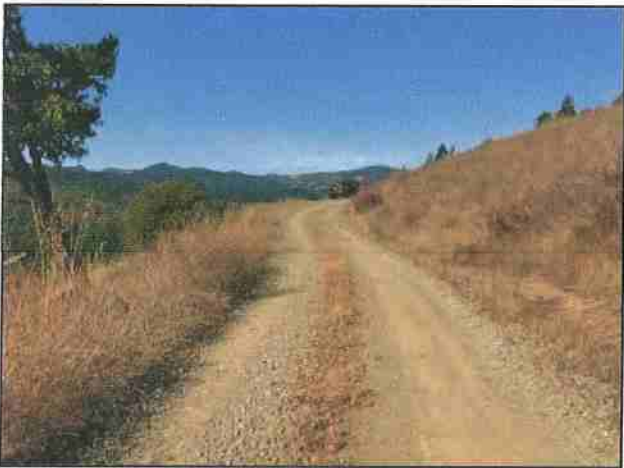


Photo #169 Mad River Medicinals Private Access Rd Looking NW @ Curve w/ Turnout



Photo #170 Mad River Medicinals Private Access Rd Width 11.11'



Photo #171 Mad River Medicinals Private Access Rd Looking SW @ Curve w/ Turnout

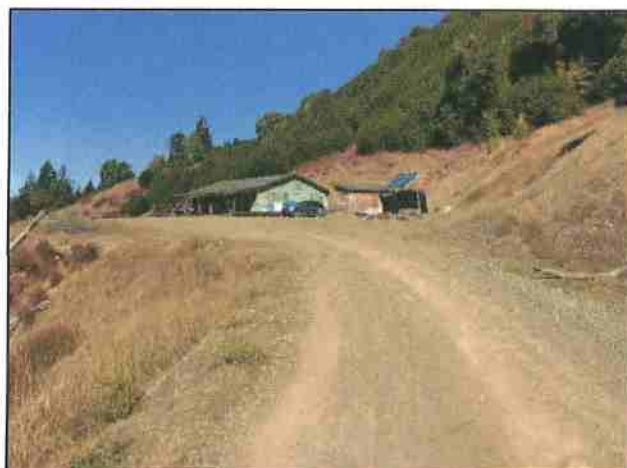


Photo #172 Mad River Medicinals Private Access Rd Looking NW @ Residence



Photo #198 Mad River Medicinals Private Access Rd Looking @ 18" Culvert In



Photo # 199 Mad River Medicinals Private Access Rd Looking @ 18" Culvert Out

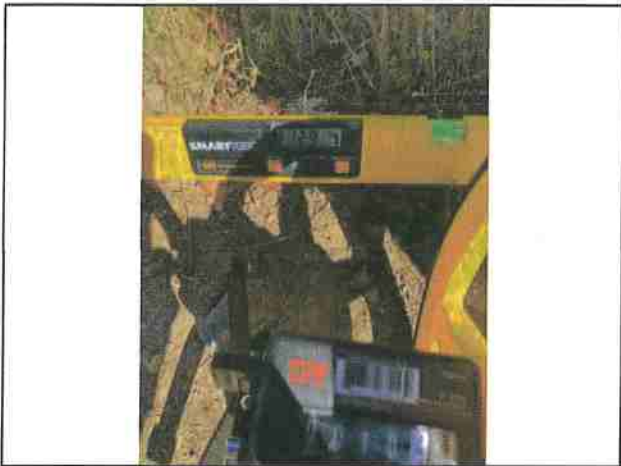


Photo #200 Mad River Medicinals Private Access Rd Slope 12.9% Width 10.4'



Photo #201 Mad River Medicinals Private Access Rd @ Turnout Looking NW @ Curve

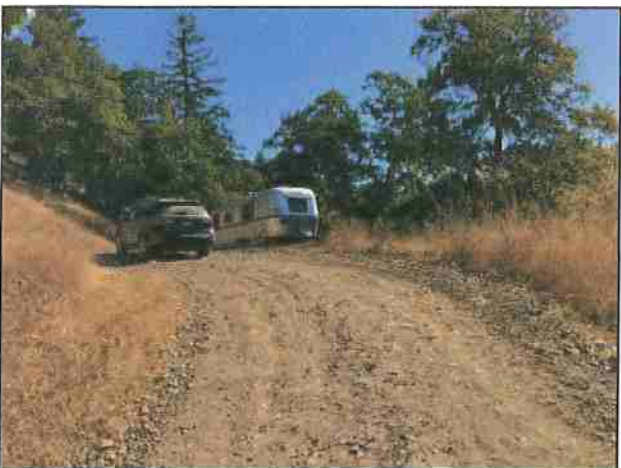


Photo #202 Mad River Medicinals Private Access Rd @ Turnout Looking SE @ Curve

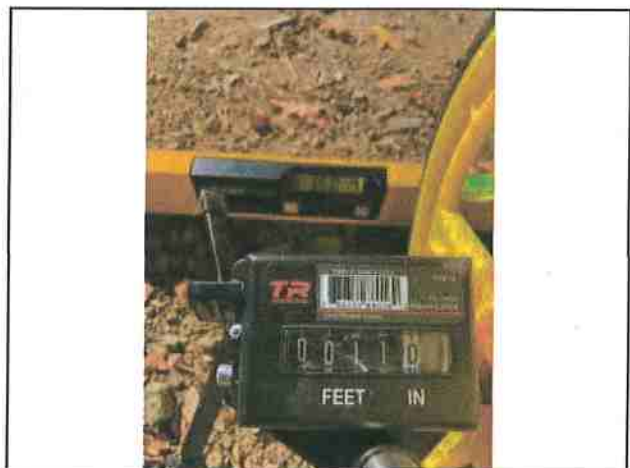


Photo #203 Mad River Medicinals Private Access Rd Slope 15.0% Width 11.0'

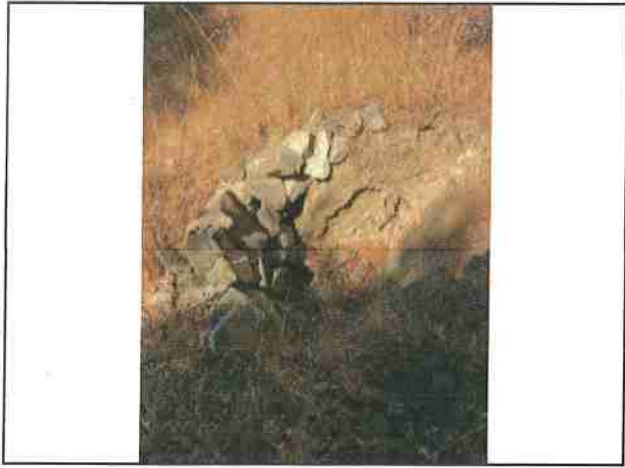


Photo #204 Mad River Medicinals Private Access Rd Looking @ 18" Culvert In



Photo #205 Mad River Medicinals Private Access Rd Looking @ 18" Culvert Out



Photo #206 Mad River Medicinals Private Access Rd @ Turnout Looking SW @ Curve

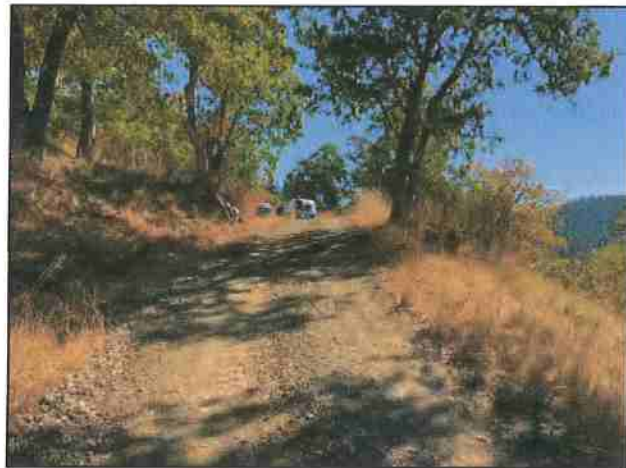


Photo #207 Mad River Medicinals Private Access Rd @ Turnout Looking NE @ Curve



Photo #208 Mad River Medicinals Private Access Rd @ Turnout Looking SW @ Curve & Approach



Photo #209 Mad River Medicinals Private Access Rd @ Turnout Looking SW @ Curve



Humboldt County Web GIS

Parcel APN, or Location

Planning & Building Department

Vehicle Pooling

Comments

Help

Legend

Key

EXHIBIT C SMA'S & TOPOGRAPHY

Parcel APN, or Location

Parcel APN, or Location

Parcel APN, or Location

Parcel APN, or Location

Parcel APN, or Location

Parcel APN, or Location

Parcel APN, or Location

Parcel APN, or Location

Parcel APN, or Location

Parcel APN, or Location

Parcel APN, or Location

Parcel APN, or Location

Parcel APN, or Location

Parcel APN, or Location

Parcel APN, or Location

Parcel APN, or Location

Parcel APN, or Location

Parcel APN, or Location