### HUMBOLDT COUNTY DEPARTMENT OF PUBLIC WORKS ROAD EVALUATION REPORT

	H	UMBOLDT COUNTY DEPAR ROAD EVALUA			19
PART A:	Part A may be	completed by the applicant	20		]
Applicant N	Name: Daydrea	m Enterprises	APN:	208-231-013	1
Planning &	z Building Depa	artment Case/File No.: 12488			
Road Name	c: <u>River Rd</u>		(comple	ete a separate form for each road)	
From Road	(Cross street):	Humboldt / Trinity County	Line		
To Road (C	Cross street):	Unnamed Main Rd			
Length of r	oad segment:	2.50	miles	Date Inspected: 10/8/18	
	checked, then	(State, Forest Service, ad segment is developed to Ca the road is adequate for the pr	tegory 4 road st roposed use wit	State Park, BLM, Private, Tribal, etc. tandards (20 feet wide) or better. If thout further review by the applicant. road category 4 standard. If checked	
	An equivalent width, but has one-lane bridg visibility wher	is adequate for the proposed us road category 4 standard is d pinch points which narrow th ges, trees, large rock outcropp te a driver can see oncoming v	se without furth lefined as a road le road. Pinch j ings, culverts, e ehicles through	dway that is generally 20 feet in points include, but are not limited to, etc. Pinch points must provide the pinch point which allows the of the road for the other vehicle to	
Box 3 X	may or may no	d segment is not developed to ot be able to accommodate the completed by a Civil Enginee:	proposed use a	of road category 4 or better. The road nd further evaluation is necessary. e State of California.	
The statement measuring the	s in PART A ar road.	e true and correct and have be	en made by me	after personally inspecting and	
David N	licoletti			11/29/2018	

Signature

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:	River Rd	Date Inspected:	10/8/2018	APN: 208-231-013
From Road:	Humboldt / Trinity County Line	(Post Mile	)	Planning & Building
To Road:	Private Access Rd	(Post Mile 2.50	)	Department Case/File No.: 12488
Numbe	the Average Daily Traffic (ADT) of the er of other known cannabis projects inc t the Planning & Building Department for inf	luded in ADT calc	ulations:	bis projects)?
ADT:	<400 Date(s) mea		-	
Method	used to measure ADT: X Counters		ITE Trip General	tion Book
Is the AI	DT of the road less than 400? 🔲 Yes	🗌 No		
Ame Very	ES, then the road is considered very low voluerican Association of State Highway and Trans <i>Low-Volume Local Roads (ADT \leq 400). Con</i>	nsportation Officials (	AASHTO) Guidelin 3 below.	es for Geometric Design of
AAS	<b>O</b> , then the road shall be reviewed per the app SHTO <i>A Policy on Geometric Design of High</i> on 3 below.	ways and Streets, con	imonly known as the	e "Green Book". Complete
2. Identify s	site specific safety problems with the ro O <i>Guidelines for Geometric Design of</i> V	bad that include, bu	t are not limited to	o: (Refer to Chapter 3 in $5 \le 400$ ) for guidance)
A. Pat	tern of curve related crashes.	ery how votame i	Joeur Rouus (IID1	2400/ 101 guidance.)
Che	eck one: X No. Yes, see attac	hed sheet for Post	Mile (PM) locatio	)ns.
B. Phy	vsical evidence of curve problems such			
		hed sheet for PM I		, porto
C. Sub	ostantial edge rutting or encroachment.			
Che	eck one: No. X Yes, see attac	hed sheet for PM lo	ocations.	,
D. His	tory of complaints from residents or law	w enforcement.		
Che	eck one: 🔟 No. 📃 Yes (🗌 check i	f written documentation	is attached)	
E. Mea	asured or known speed substantially high	gher than the design	n speed of the road	d (20+ MPH higher)
Che	eck one: 🛛 No. 🗌 Yes.			5
F. Nee	ed for turn-outs.			
Che	eck one: No. X Yes, see attack	hed sheet for PM Ic	ocations.	
3. Conclusio	ons/Recommendations per AASHTO. (	Check one:		
Cannabis p	he roadway can accommodate the cumu projects identified above.	lative increased tra	affic from this pro	ject and all known
cannabis p	ne roadway can accommodate the cumu projects identified above, if the recomm and Traffic Management Plan is also required and is	endations on the at	affic from this pro	ject and all known done. (□ check if a
☐ Th	ne roadway cannot accommodate increa	sed traffic from the	e proposed use. It	I PROFESSIONAL
	creased traffic.			San Lage
A map showing t	the location and limits of the road being	evaluated in PAR	T B is	HR. 100. 76814 = E
me after personal	tements in PART B are true and corrective and corrective provide the road.	and have been ma	ae by	* 13118/*
David Nice		11/29/2018		ST CIVIL RAIT
Signature of Civi		Date		OFCALLE
Important: Read the i	nstructions before using this form. If you have quest	ons, please call the Dept.	of Public Works Land t	se Division at 707.445 7205

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#### HUMBOLDT COUNTY DEPARTMENT OF PUBLIC WORKS **ROAD EVALUATION REPORT**

Applicant	Name: Daydream Enterprises	APN: 208-231-011
Planning a	& Building Department Case/File No.: 12493	
Road Nam	ne: Unnamed Main Rd	<i>(complete a separate form for each road)</i>
From Roa	d (Cross street); River Rd	
To Road (	Cross street): <u>Residence APN 208-231-011</u>	
Length of	road segment:1.25	miles Date Inspected: 10/8/18
Road is ma	aintained by: County X Other Reside	
Check one of	(State, Forest Service, of the following:	National Park, State Park, BLM, Private, Tribal, etc.
	or the tonowing.	
Box 1	The entire road segment is developed to Ca	tegory 4 road standards (20 feet wide) or better. If roposed use without further review by the applicant.
	The entire road segment is developed to Ca checked, then the road is adequate for the pr	roposed use without further review by the applicant.
Box 1	The entire road segment is developed to Ca checked, then the road is adequate for the pr The entire road segment is developed to the then the road is adequate for the proposed u <i>An equivalent road category 4 standard is a</i> <i>width, but has pinch points which narrow th</i> <i>one-lane bridges, trees, large rock outcropp</i> <i>visibility where a driver can see oncoming v</i>	roposed use without further review by the applicant. equivalent of a road category 4 standard. If checke
Box 1	The entire road segment is developed to Carchecked, then the road is adequate for the proposed to the then the road is adequate for the proposed under the road is adequate for the proposed under the the road is adequate for the proposed under the the road category 4 standard is a width, but has pinch points which narrow the one-lane bridges, trees, large rock outcropp visibility where a driver can see oncoming vehicle to stop and wait in a 20 for pass.	roposed use without further review by the applicant. e equivalent of a road category 4 standard. If checker se without further review by the applicant. defined as a roadway that is generally 20 feet in the road. Pinch points include, but are not limited to, pings, culverts, etc. Pinch points must provide pehicles through the pinch point which allows the pot wide section of the road for the other vehicle to the equivalent of road category 4 or better. The road proposed use and further evaluation is necessary.
Box 1	<ul> <li>The entire road segment is developed to Catchecked, then the road is adequate for the proposed to the then the road is adequate for the proposed u</li> <li>An equivalent road category 4 standard is a width, but has pinch points which narrow the one-lane bridges, trees, large rock outcropp visibility where a driver can see oncoming v oncoming vehicle to stop and wait in a 20 for pass.</li> <li>The entire road segment is not developed to may or may not be able to accommodate the Part B is to be completed by a Civil Engineer</li> </ul>	roposed use without further review by the applicant. e equivalent of a road category 4 standard. If checker se without further review by the applicant. defined as a roadway that is generally 20 feet in the road. Pinch points include, but are not limited to, pings, culverts, etc. Pinch points must provide pehicles through the pinch point which allows the pot wide section of the road for the other vehicle to the equivalent of road category 4 or better. The road proposed use and further evaluation is necessary.

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: 208-231-011 Planning & Building From Road: (Post Mile River Rd Department Case/File No .: To Road: (Post Mile 1.25 Residence 208-231-011 12493 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: Date(s) measured: <400 Method used to measure ADT: X Counters Estimated using ITE Trip Generation Book Is the ADT of the road less than 400? Tyes 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: X 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: X No. Yes, see attached sheet for PM locations. C. Substantial edge rutting or encroachment. Check one: X No. Yes, see attached sheet for PM locations. D. History of complaints from residents or law enforcement. Check one: X 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: X No. Yes. F. Need for turn-outs. Check one: X 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 X 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. 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 11/29/2018 Signature of Civil Engineer 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.

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

## Subject: Roadway Evaluation for APN 208-231-011, APPS 12493

#### Introduction

On October 8<sup>th</sup>, 2018, DTN Engineering & Consulting (Engineer) performed a roadway evaluation for Daydream Enterprises, 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 208-231-011

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 with 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 locations18, 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 731-864A (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%. Most 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, 783, & 864 Curve Locations Requiring Turnouts: None Slope Over 16%: Photos 732, 744, 763, 779, 787, 789, 793, 801, 805, 812, 814, 818, 819, 824, 830, 835, 857 Width Under 12 Feet: Photos 732, 763, 779, 781, 787, 789, 793, 797, 812, 822. 857, 861 Slide Locations: None Clogged / Partially Culverts: Photos 754, 781 (sizing), 848 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 River 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.

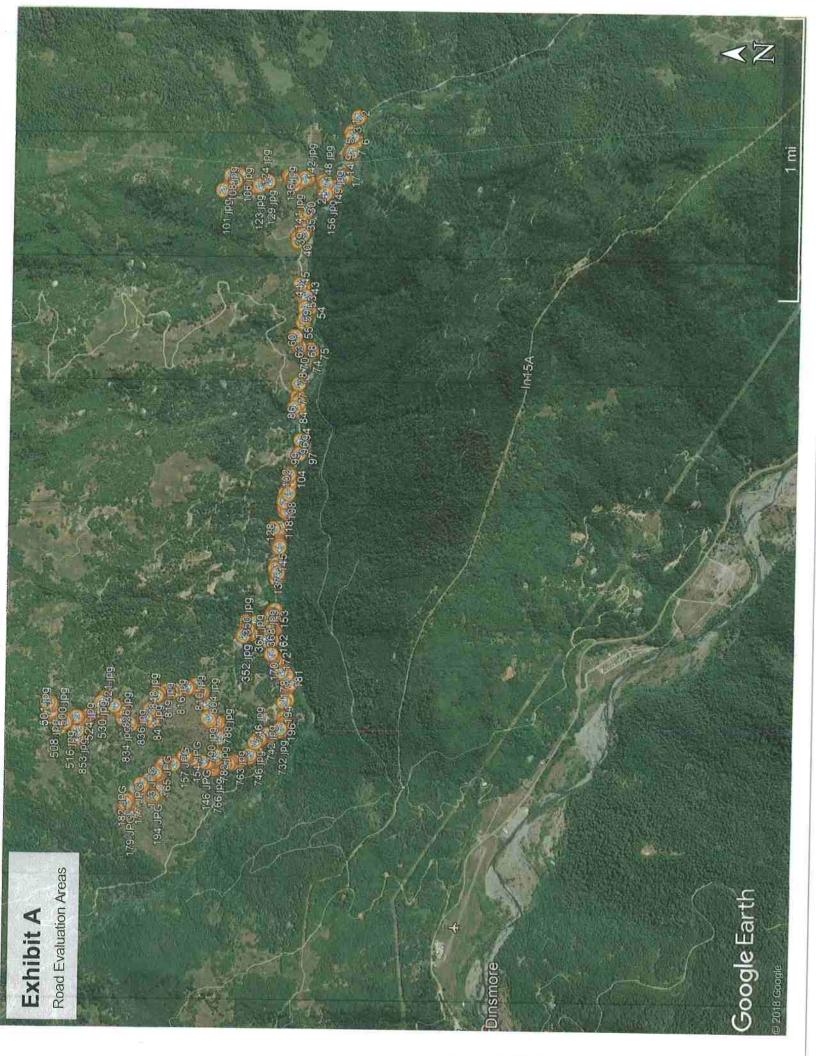
**Miscellaneous:** The Engineer recommends that grass be mowed along the roadside, which will expose the turnouts. Then Engineer also recommends that the roadside ditches be cleaned and re-established.

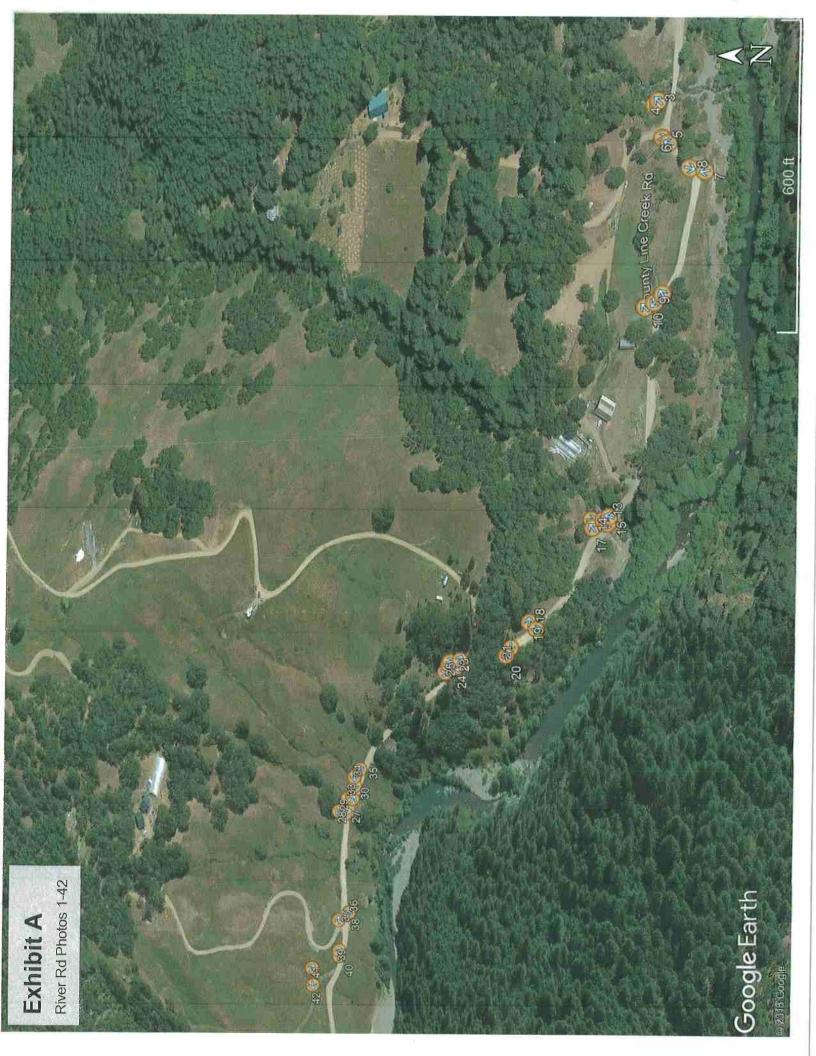
Report Completed By:



David Nicoletti PE

# **Exhibit A**



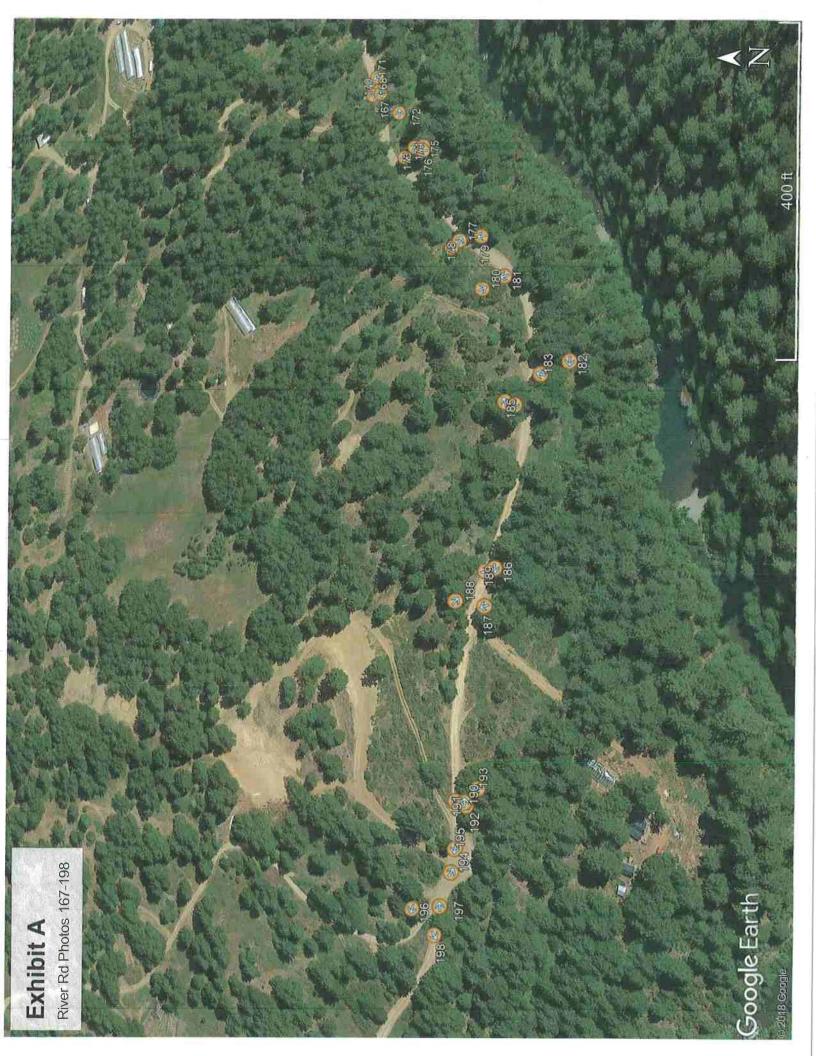


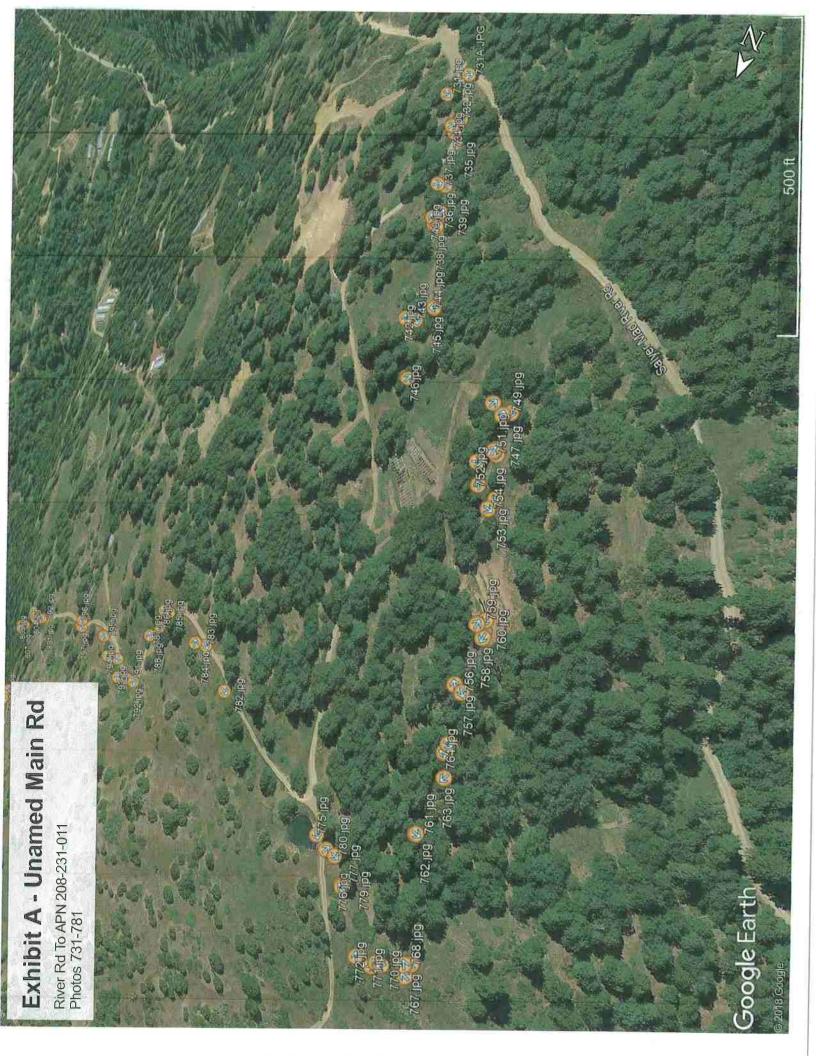


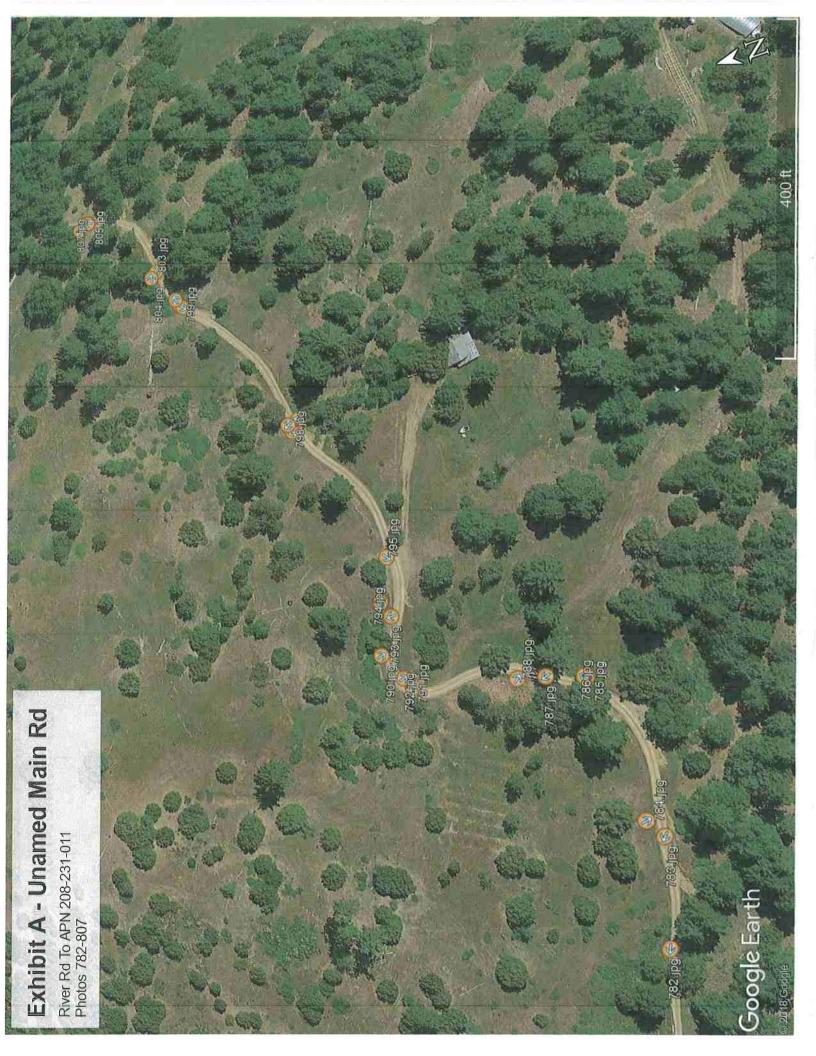












# Exhibit A - Unamed Main Rd

860 jpg 861 ipg 863 ipg 862 ipg

5 854A ipg 864A ipg 842A ipg854 ipg 820 Jpg 821 jpg 823 jpg

827 jpg 826 jpg

835 jpg 835 jpg

836gpg

839 jpg 867 jpg

838 jpg

819.jpg 818.jpg.19/

600 ft

817/jpg 815 jpg

845 (109 649 (109

841 jpg 840 jpg850 jpg 851 jpg

846.jpg 847.jpg 844.jpg

830 jpg 829 jpg 828 jpg

River Rd To APN 208-231-011 Photos 851-Residence

853A pg

831 jpg 1 855 jpg 824 jpg 857 jpg

2018 Google

# **Exhibit B**

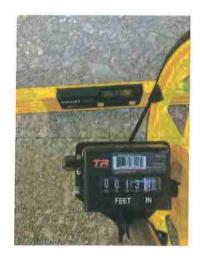


Photo #1 River Rd Width 13.9'



Photo #2 River Rd Looking NW



Photo #3 River Rd Looking East @ RR Car Bridge

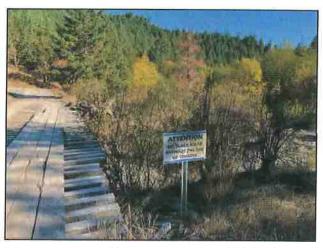


Photo #4 River Rd Warning sign @ RR Car Bridge



Photo #5 River Rd Looking SW @ Curve w/ Turnout

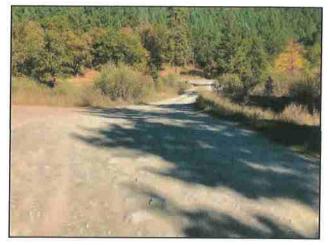


Photo #6 River Rd Looking NE @ Curve w/ Turnout

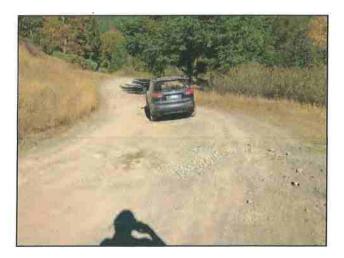


Photo #7 River Rd Looking NE @ Curve w/ Turnout



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



Photo #9 River Rd Looking SE @ Curve w/ Turnout



Photo #10 River Rd Width 14.3'

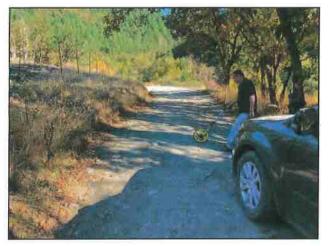


Photo #11 River Rd Looking East @ Curve w/ Turnout

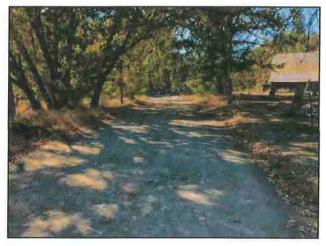


Photo #12 River Rd Looking West



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

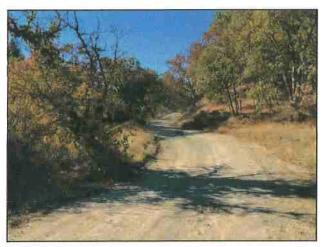


Photo #17 River Rd Looking NW @ Curve w/ Turnout



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

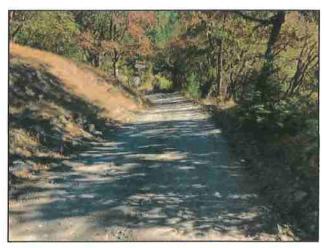


Photo #18 River Rd Looking SE @ Curve w/o Turnout



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

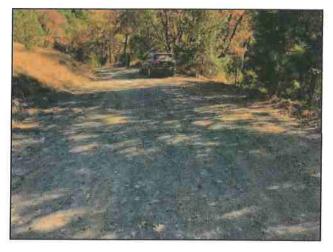


Photo #20 River Rd Looking SE @ Curve w/ Turnout

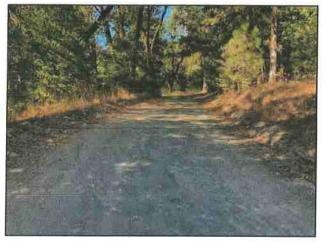


Photo #21 River Rd Looking NW



Photo #22 River Rd 13.9' Width

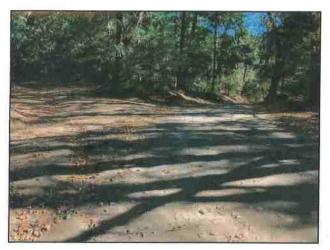


Photo #23 River Rd Looking @ Curve w/ Turnout



Photo #24 River Rd 15.10' Width Including Turnout 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 #29 River Rd Looking @ Clogged 12" Culvert In

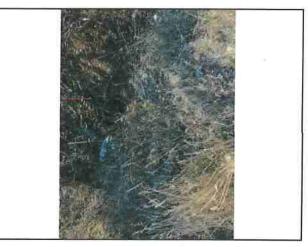


Photo #28 River Rd 12" Clogged 12" Culvert Out



Photo #30 River Rd Looking SE @ Erosion



Photo #31 River Rd Looking SE Closeup @ Erosion

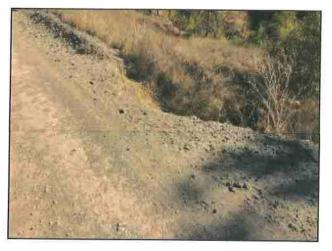


Photo #32 River Rd Looking SE @ Tire Tracks @ Erosion Area



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

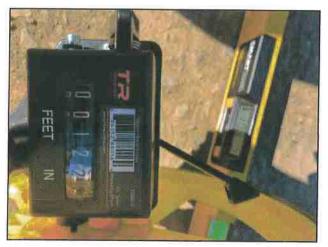


Photo #35 River Rd 10.3% Slope & 12.2' Width

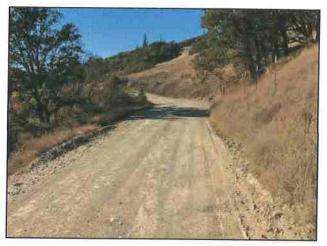


Photo #34 River Rd Looking NW @ Curve w/ Pullout



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

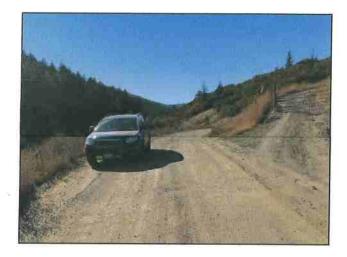


Photo #37 River Rd Looking West @ Curve w/ Pullout

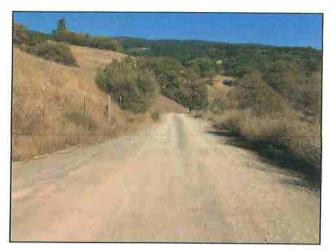


Photo #38 River Rd Looking East

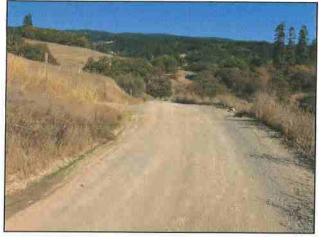


Photo #39 River Rd Looking Eas t @ Curve w/ Pullout



Photo #40 River Rd Width 16.1'



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

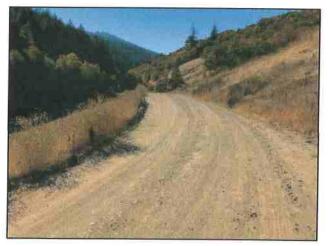


Photo #42 River Rd Looking West @ Curve w/ Pullout



Photo #43 River Rd Slope 10.2% Width 11.1'

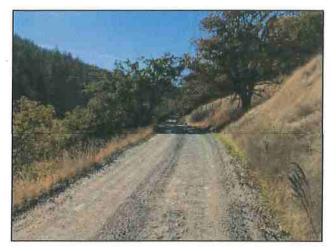


Photo #44 River Rd Looking West @ Curve w/o Turnout



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



Photo #46 River Rd Looking West @ Turnout

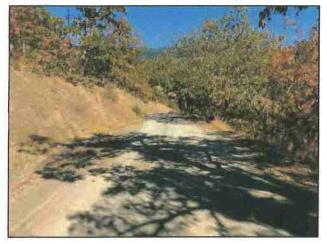


Photo #47 River Rd Looking East @ Turnout

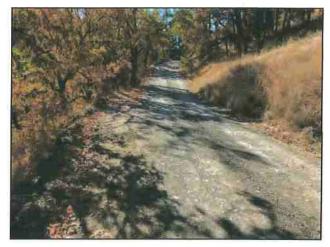


Photo #48 River Rd Looking West @ Turnout



Photo #49 River Rd 12" Culvert Out



Photo #50 River Rd Partially Clogged 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

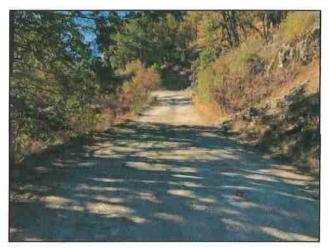


Photo #54 River Rd Looking NW @ Curve w/ Turnout



Photo #55 River Rd Slope 6.9% Width 13.0'



Photo #56 River Rd Looking @ Slide

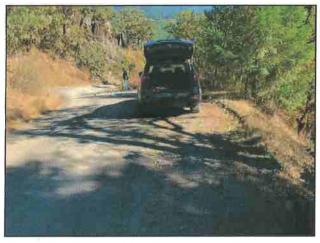


Photo #57 River Rd Looking East @ Curve w/ Turnout

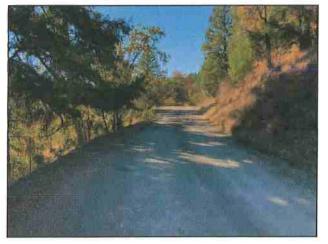


Photo #59 River Rd Looking NW @ Curve w/ Turnout

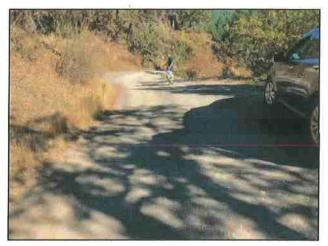


Photo #58 River Rd Looking East @ Curve w/ Turnout



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 #65 River Rd Width 13.9'

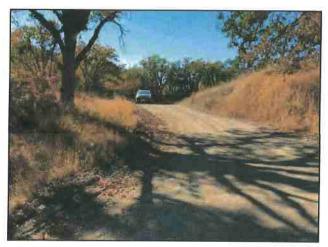


Photo #64 River Rd Looking SW @ Turnout Prior to Curve

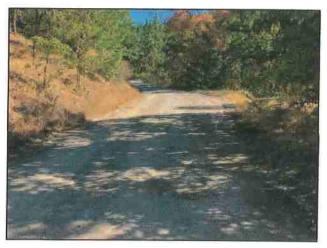


Photo #66 River Rd Looking SE @ Curve w/ Turnout

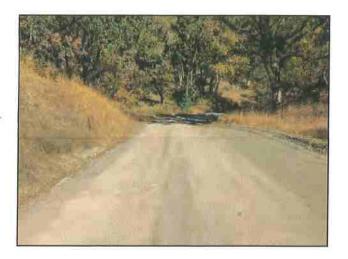


Photo #67 River Rd @ Turnout Looking @ Curve



Photo #68 River Rd Looking @ 6" Culvert In



Photo #69 River Rd Looking @ 6" Culvert Out



Photo #70 River Rd @ Turnout Looking @ Curve

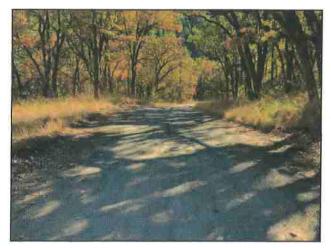


Photo #71 River Rd Looking North @ Curve w/ Pullout

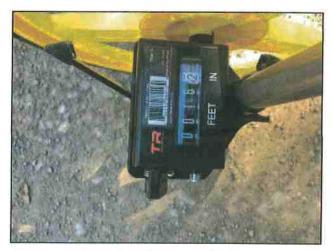


Photo #72 River Rd Width 16.2' @ Turnout

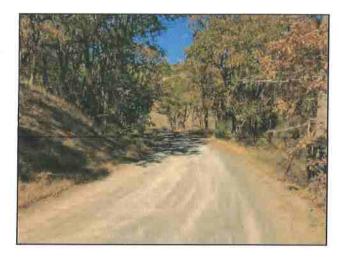


Photo #73 River Rd @ Turnbout Looking North @ Curve

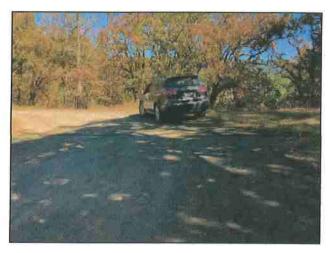


Photo #74 River Rd Looking @ Curve w/ Turnout

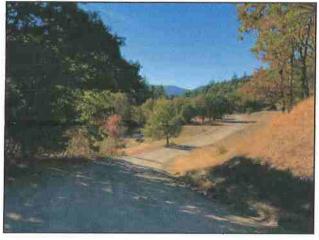


Photo #75 River Rd Looking SW @ Curve w/ Turnout



Photo #77 River Rd Width 18.1' @ Turnout

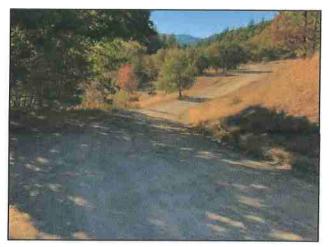


Photo #76 River Rd Looking SW @ Curve w/ Turnout



Photo #78 River Rd Looking West @ Turnaround Area

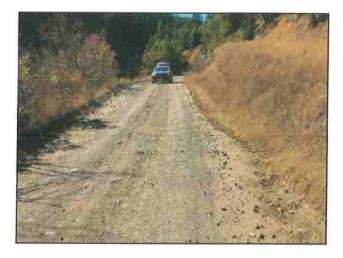


Photo #79 River Rd Looking West@ Curve w/ Turnout

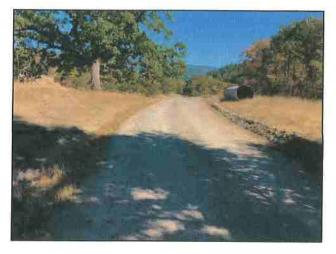


Photo #80 River Rd Looking East @! Curve w/ Turnout



Photo #81 River Rd Slope 9.0% Width 10.7'

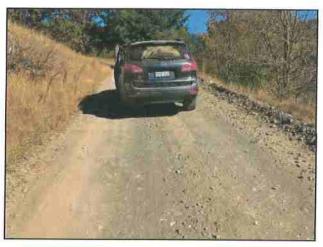


Photo #82 River Rd Looking East



Photo #83 River Rd Looking West @ gate



Photo #84 River Rd 15Ft Wide Gate

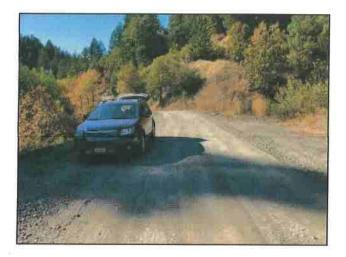


Photo #85 River Rd Looking West @ Turnout @ Curve

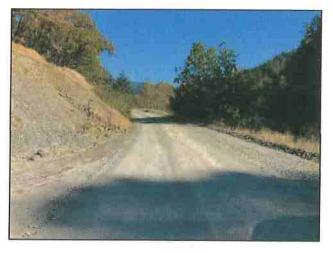


Photo #86 River Rd Looking East @ Turnout @ Curve

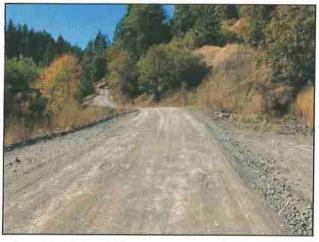


Photo #87 River Rd @ Turnout Looking West Towards Curve



Photo #89 River Rd Looking @ 24" Culvert Out

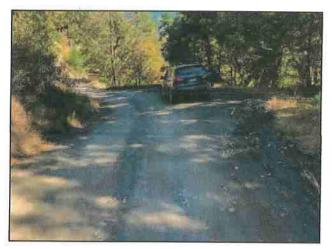


Photo #88 River Rd Looking East @ Curve w/ Turnout



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'

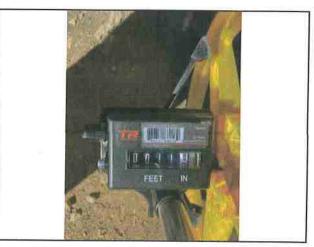


Photo #94 River Rd Width 11.10'



Photo #95 River Rd Width 11.9'

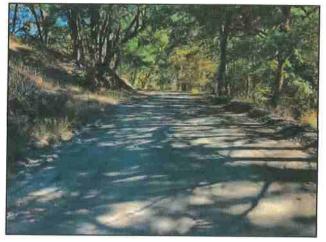


Photo #96 River Rd Looking SE @ curve w/ Turnout



Photo #97 River Rd Width 15.1'

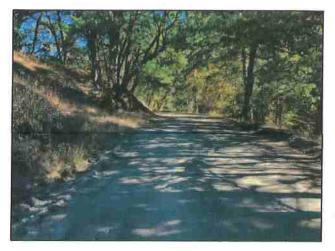


Photo #98 Ri ver Rd Looking SE @ Curve w/ Turnout

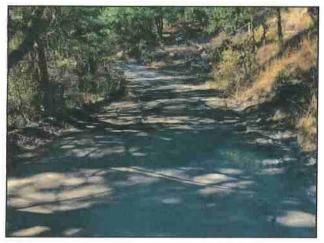


Photo #99 River Rd Looking NW @ Drainage Problem



Photo #101 River Rd Width 12.6'



Photo #100 River Rd @ Curve w/ Turnout Looking SE

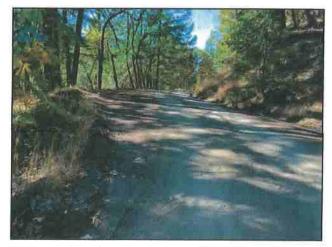


Photo #102 River Rd Looking SE @ Curve w/ Turnout



Photo #103 River Rd Looking @ 36" Culvert Out



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



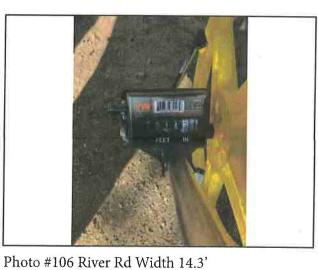
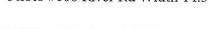


Photo #105 River Rd Looking East @ Curve w/ Turnout



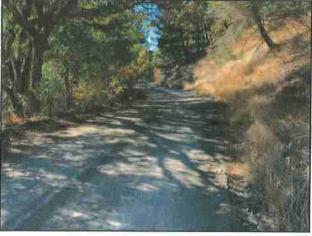


Photo #107 River Rd Looking West @ Curve w/ Turnout

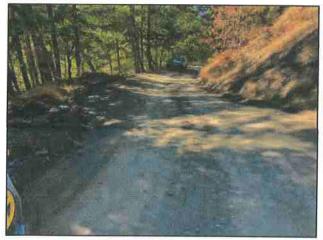


Photo #108 River Rd Looking West @ Curve w/ Turnout

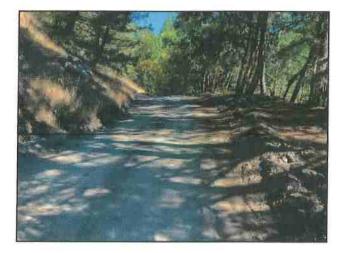


Photo #109 River Rd Looking East @ Curve w/ Turnout



Photo #110 River Rd Looking @ 36" Culvert Out



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



Photo #113 River Rd Slope 9.1% Width 14.6'

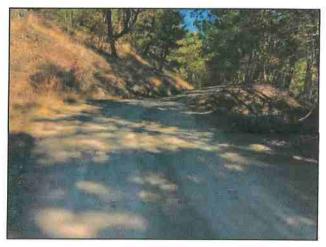


Photo #112 River Rd Looking East @ Curve w/ Turnout



Photo #114 River Rd Looking @ Erosion Issue

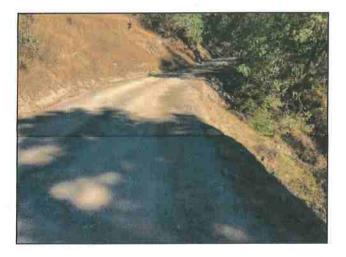


Photo #115 River Rd Looking East @ Narrowed Curve Area w/ Tire Tracks Over Eroded Area

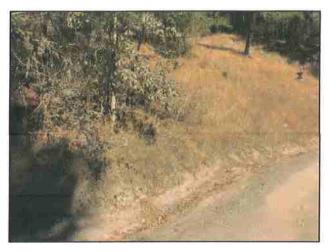


Photo #116 River Rd Looking North @ Hilside Slip



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



Photo #119 River Rd Looking West



Photo #118 River Rd Looking North @ Hilside Slip

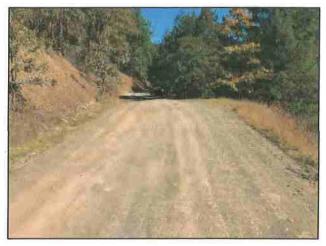


Photo #120 River Rd Looking East @ Curve w/ Turnout



Photo #121River Rd Width 14.0'

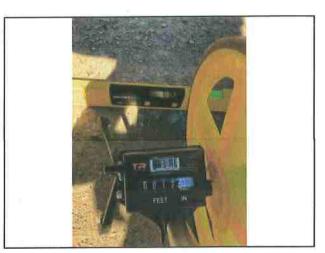


Photo #122 River Rd Width 12.2'

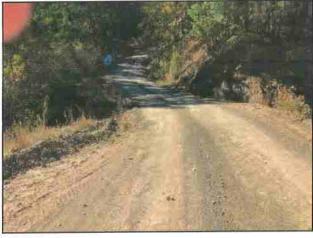


Photo #123 River Rd Looking West@ Curve w/ Turnout



Photo #125 River Rd Looking @ 36" Culvert Out

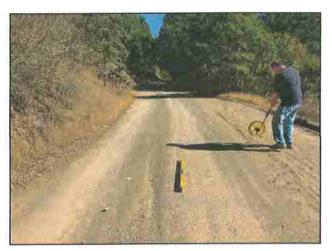


Photo #124 River Rd Looking East @ Curve w/ Turnout

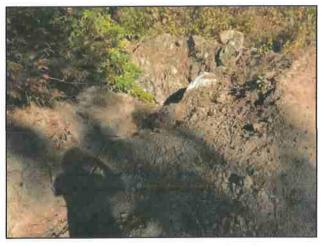


Photo #126 River Rd Looking @ 36" Culvert In

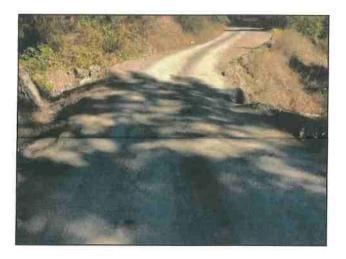


Photo #127 River Rd Looking @ Culvert Location In Photos 126 & 125 Erosion Area



Photo #128 River Rd Slope 14.2% Width 12.0'



Photo #129 River Rd @ Curve w/ Turnout Looking NW



Photo #131 River Rd Slope 3.6% Width 14.1'



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

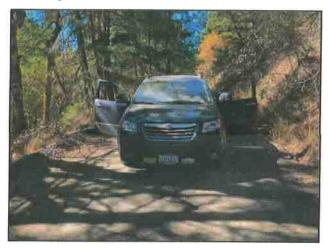


Photo #132 River Rd Looking West



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

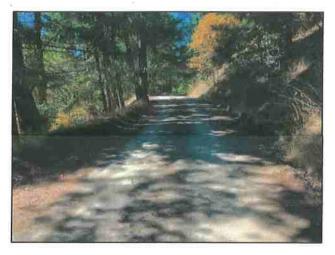


Photo #134 River Rd Looking West @ Curve w/ Turnout

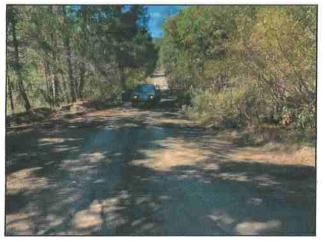


Photo #135 River Rd @ Curve w/ Turnout LookingWest



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



Photo #136 River Rd Turnbout Widt 19.7' Including Turnout

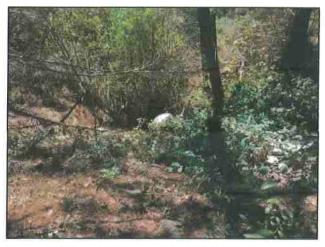


Photo #138 River Rd Looking @ 36" Culvert Out



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

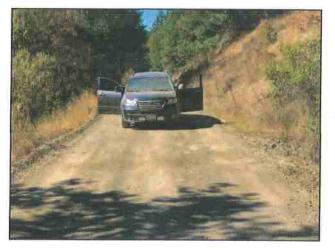


Photo #140 River Rd Looking West @ Drainage Issue



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



Photo #143 River Rd Looking @ Drainage Path Over Road



Photo #142 River Rd Width 21.10' Including Turnout



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

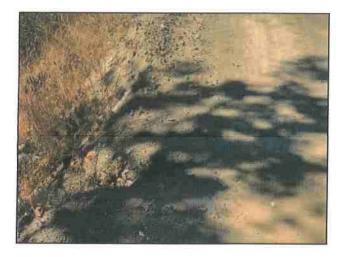


Photo #145 River Rd Looking @ Erosion Issue From Lack of Functioning Culvert



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 #151River Rd Looking @ 24" Culvert Out



Photo #152 River Rd Looking @ Partially C;logged 24" Culvert In



Photo #153 River Rd Looking @ 36" Culvert Out

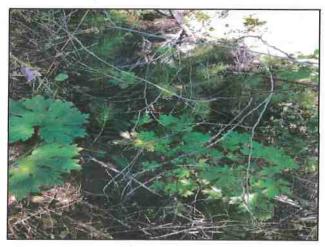


Photo #154 River Rd Looking @ Partially Clogged 36" Culvert In



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



Photo #156 River Rd Width 12.8'

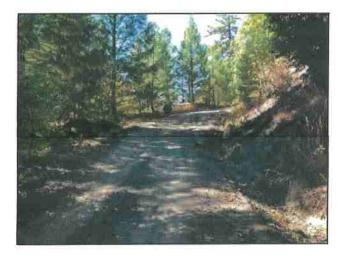


Photo #157 River Rd Looking West @ Curve w/ Turnout & Old Culvert Seen In Photo 155

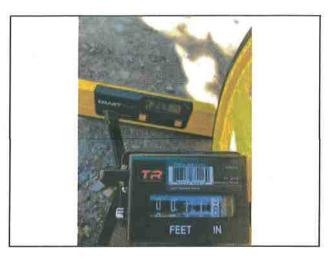


Photo #158 River Rd Slope 23.7% Width 11.8'

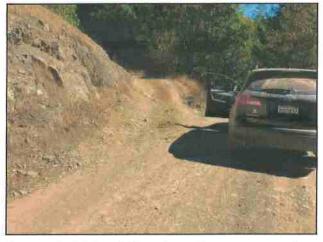


Photo #159 River Rd Looking East @ Approach

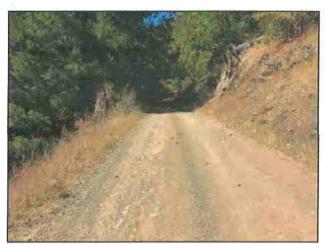


Photo #160 River Rd Looking West



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

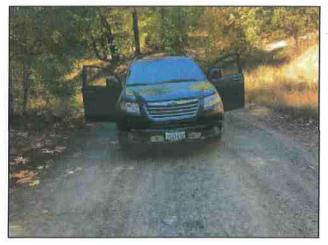


Photo #162 River Rd Looking West



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

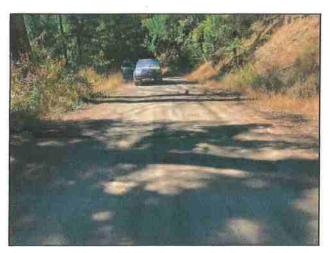


Photo #167 River Rd @ Turnout Looking SW

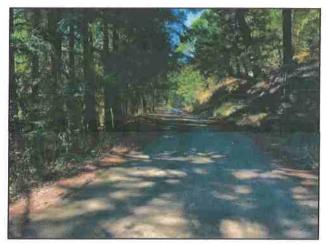


Photo #166 River Rd Looking SE @ Curve w/ Turnout



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



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

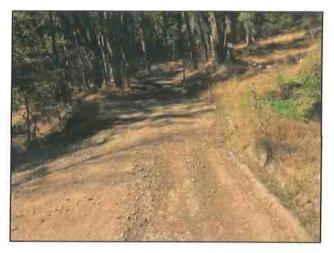


Photo #170 River Rd Looking SW @ Curve w/ Turnout

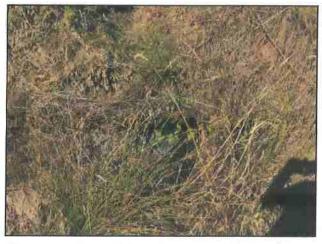


Photo #171River Rd Looking @ 24" Culvert Out Under Approach Running East to West

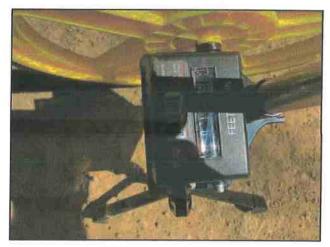


Photo #172 River Rd Turnout Width 16.5'



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

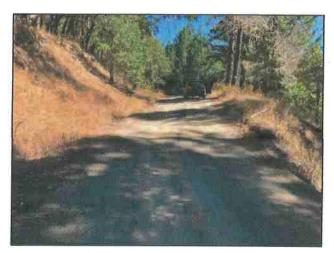


Photo #174 River Rd Looking NE @ Curve w/ Pullout

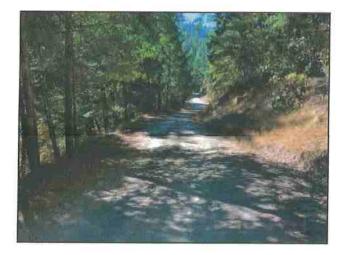


Photo #175 River Rd Looking SW @ Turnout Area



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

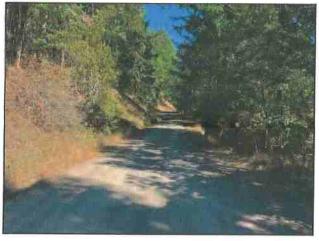


Photo #177 River Rd Looking NE @ Curve w/ Turnout



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



Photo #178 River Rd Looking @ 36" Culvert Out

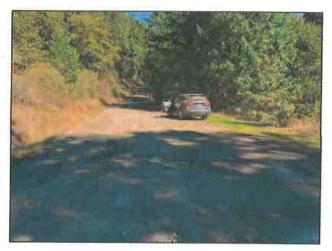


Photo #180 River Rd Looking East @ Turnbout Area

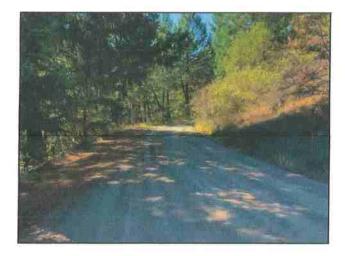


Photo #181River Rd Looking SW @ Curve w/ Turnout



Photo #182 River Rd Looking West



Photo #183 River Rd Slope 11.0% Width 12.7'

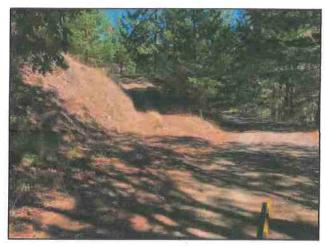


Photo #184 River Rd Looking SE @ Approach

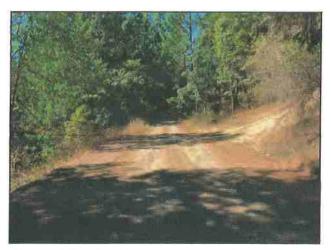


Photo #185 River Rd @ Turnout Looking NW @ Approach



Photo #186 River Rd Width 12.5'



Photo #187 River Rd Looking SE @ Turnout Area



Photo #188 River Rd Looking NW @ Approach

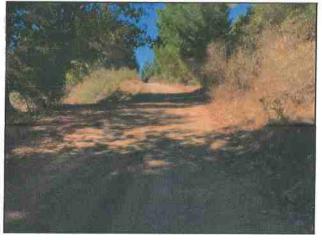


Photo #189 River Rd @ Turnout Loking @ Curve w/ Turnout



Photo #191 River Rd Looking North @ Gate on Approach



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

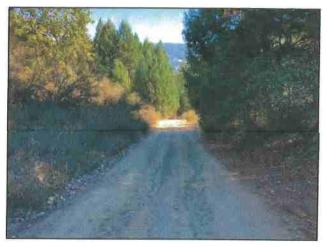


Photo #192 River Rd Looking East



Photo #193 Slope 14.5% Width 12.0'ver Rd

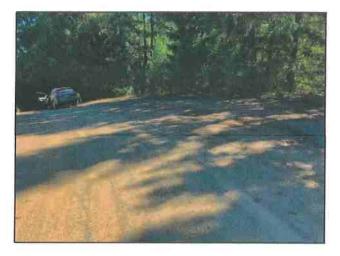


Photo #194 River Rd Looking SE @ Curve w/ Turnout



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



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



Photo #196 River Rd Looking NW @ Gated Aproach



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



Photo #199 River Rd Slope 8.9\$ Width 11.7'

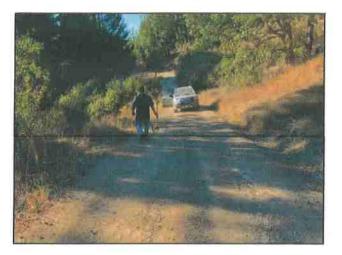


Photo #200 River Rd Looking NW

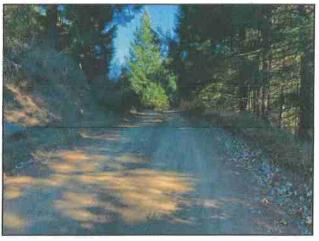


Photo #201 River Rd Looking SE @ Curve w/ Turnout



Photo #203 River Rd Looking @ 12" Culvert In



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

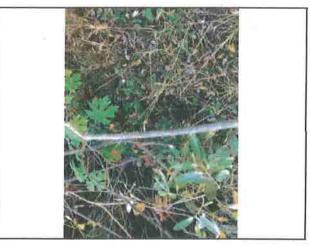


Photo #204 River Rd Looking @ 12" Culvert Out



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

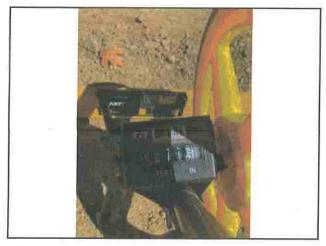


Photo #732 Private Access Rd Slope 19.7% Width 11'3"



Photo #734 Private Access Rd Looking SW



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

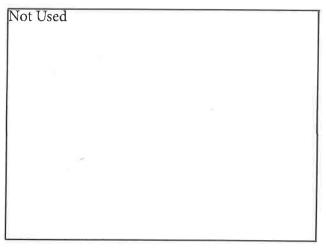


Photo #733 Not Used



Photo #735 Privare Access Rd @ Curve w/ Turnout Looking NE

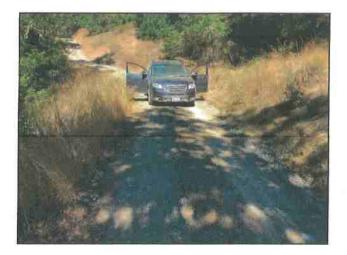


Photo #736 Private Access Rd Looking SW

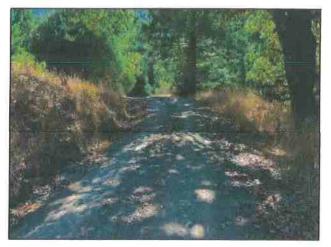


Photo #737 Private Access Rd @ Curve w/ Turnout Looking NE

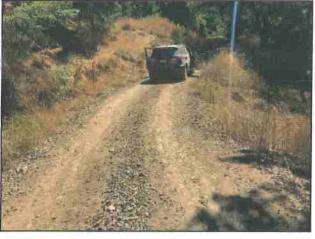


Photo #738 Private Access Rd @ Curve w/ Turnout Looking NE



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

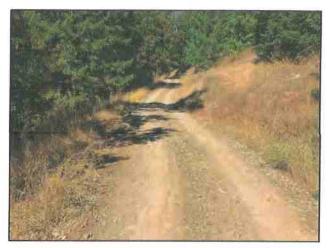


Photo #739 Private Access Rd @ Curve w/ Turnout Looking SW



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

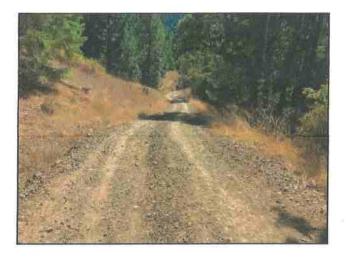


Photo #742 Private Access Rd @ Turnout Looking SE



Photo #743 Private Access Rd @ Turnout Looking NW



Photo #744 Private Access Rd Slope 24.2%



Photo #745 Private Access Rd Slope 12'4"

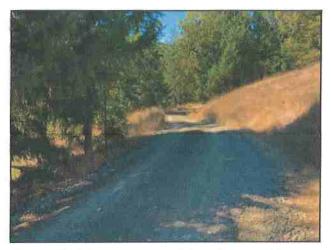


Photo #746 Private Access Rd @ Curve w/ Turnout Looking SW

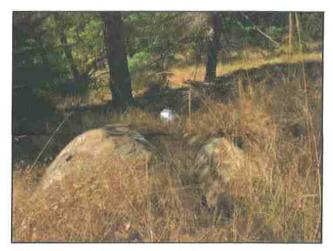


Photo #747 Private Access Rd @ 18" Culvert Out. Culvert In Was Not Found

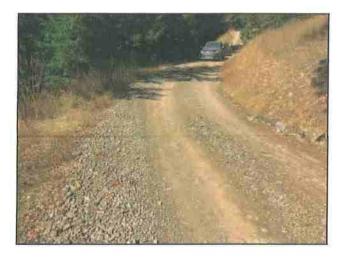


Photo #748 Private Access Rd @ Curve w/ Turnout Looking SW

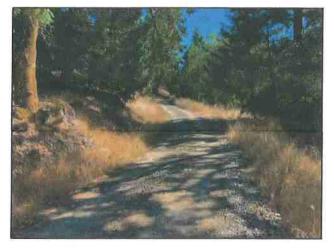


Photo #749 Private Access Rd @ Curve w/ Turnout Looking NE

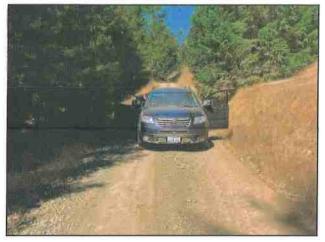


Photo #750 Private Access Rd @ Curve w/ Turnout Looking SW



Photo #752 Private Access Rd Width 15'

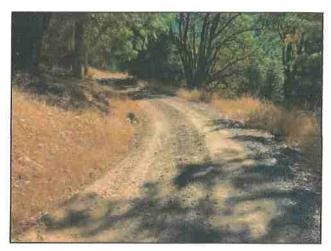


Photo #751 Private Access Rd @ Curve w/ Turnout Looking NE



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



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

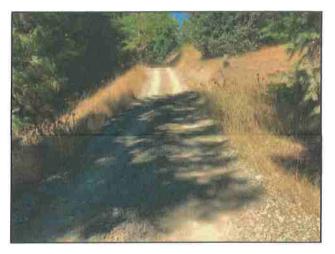


Photo #755 Private Access Rd @ Curve w/ Turnout Looking SE



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



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

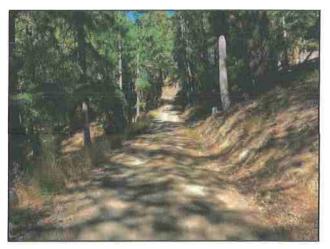


Photo #757 Private Access Rd @ Curve w/ Turnout Looking SE



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



Photo #760 Private Access Rd @ Curve w/ Turnout Looking SW



Photo #761 Private Access Rd @ Curve w/ Turnout Looking NE

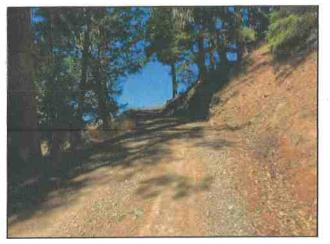


Photo #762 Private Access Rd @ Curve w/ Turnout Looking NW

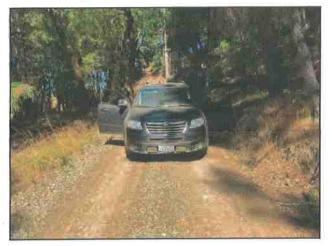


Photo #764 Private Access Rd @ Turnout Looking NW



Photo #763 Private Access Rd Slope 25.1% Width 10'2"

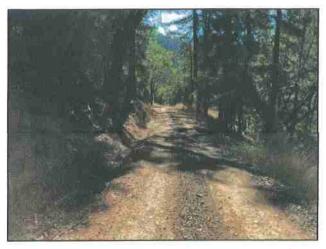


Photo #765 Private Access Rd @ Turnout Looking SE



Photo #766 Private Access REd Width 14'11"

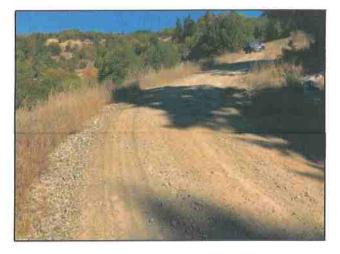


Photo #767 Private Access Rd @ Curve w/ Turnout Looking NE

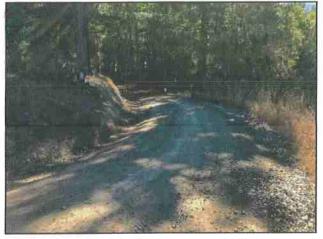


Photo #768 Private Access Rd @ Curve w/ Turnout Looking SW

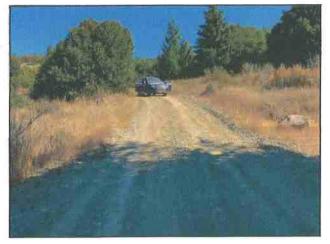


Photo #770 Private Access Rd @ Curve w/ Turnout Looking NW



Photo # 769 Private Access Rd @ Curve w/ Turnout Looking SW

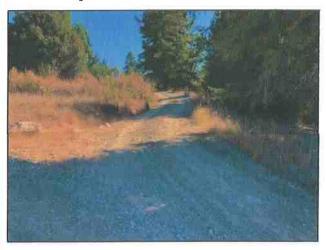


Photo #771 Private Access Rd @ Curve w/ Turnout Looking SE

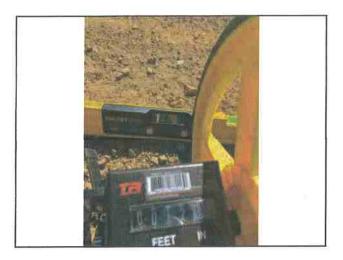


Photo #772 Private Access Rd Slope 24.0% Width 12'1"

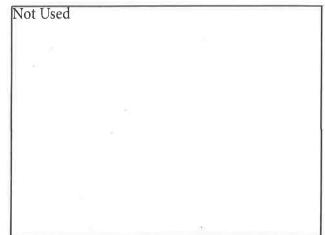


Photo # 773 Not Used

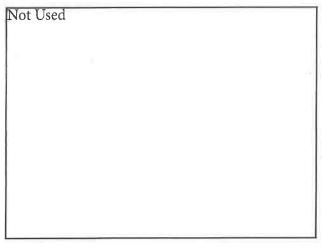


Photo #774 Not Used

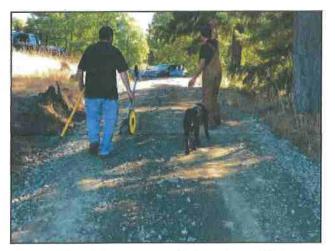


Photo # 776 Private Access Rd Looking SE @ Intersection



Photo #775 Private Access Rd @ Curve w/ Turnout Looking NE

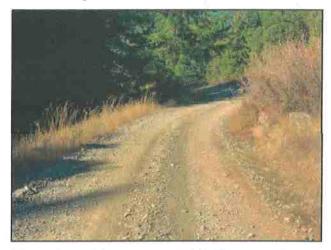


Photo #777 Private Access Rd @ Curve w/ Turnout Looking NW

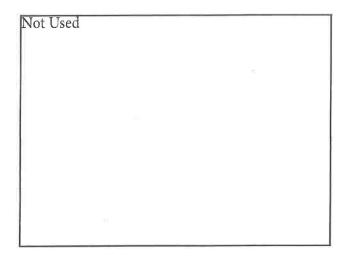


Photo #778 Not used

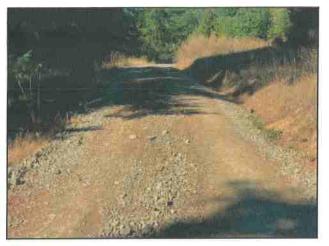


Photo #780 Private Access Rd Looking NW

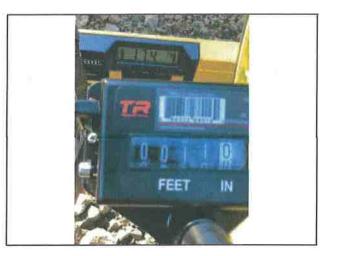


Photo #779 Private Access Rd Slope 17.4% Width 11'0"



Photo #781 Privatre Access Rd Width 11'3"



Photo #782 Private Access Rd Looking NW

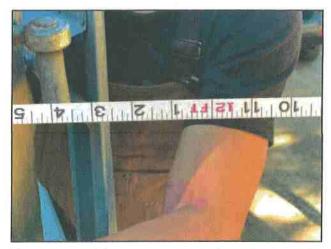


Photo #783 Private Access Rdd Gate Width 12'3"

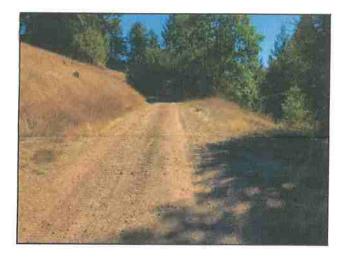


Photo #784 Private Access Rd @ Curve w/ Turnout Looking SE

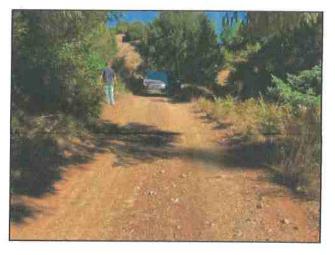


Photo #785 Private Access Rd @ Curve w/ Turnout Looking NE

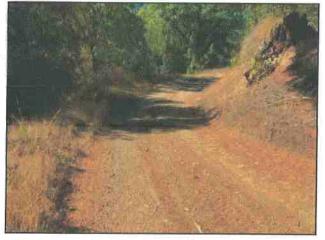


Photo #786 Private Access Rd @ Curve w/ Turnout Looking SW

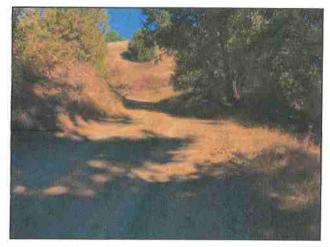


Photo #788 Private Access Rd @ Curve w/ Turnout Looking NE

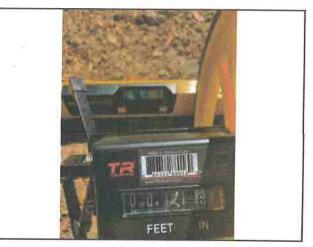


Photo #787 Private Access Rd Slope 16.8% Width 11'6"



Photo #789 Private Access Rd Slope 22.2% Width 10'9"

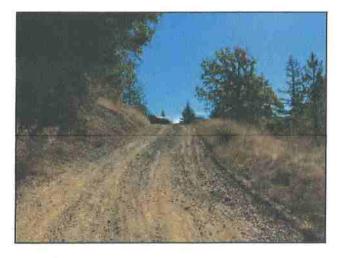


Photo #790 Private Access Rd @ Curve w/ Turnout Looking SE

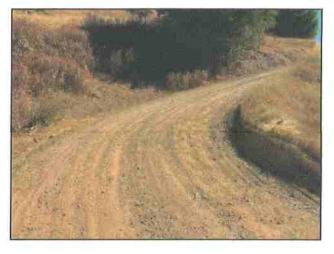


Photo #791 Private Access Rd @ Curve w/ Turnout Looking SE



Photo #792 Private Access Rd @ Curve w/ Turnout Looking NW

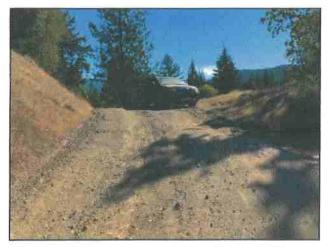


Photo #794 Private Access Rd @ Curve w/ Turnout Looking SW

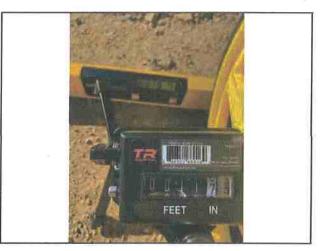


Photo #793 Private Access Rd Slope 17.9% Width 11'7"

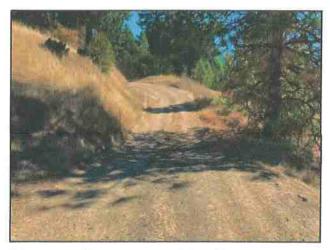


Photo #795 Private Access Rd @ Curve w/ Turnout Looking NE



Photo #796 Private Access Rd @ Turnout Looking NE



Photo #797 Private Access Rd Width 11'3"

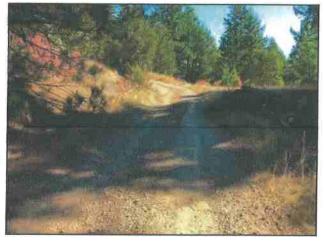


Photo #798 Private Access Rd @ Curve w/ Turnout Looking SW

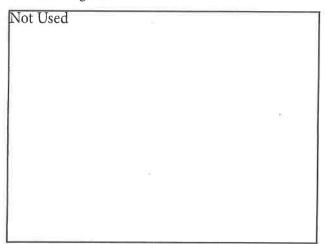


Photo #800 Not Used

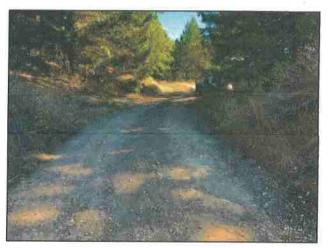


Photo #799 Private Access Rd @ Curve w/ Turnout Looking NE

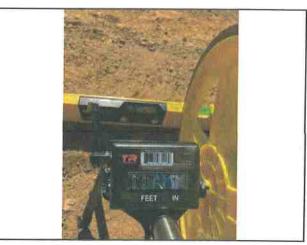


Photo #801 Private Access Rd Slope 20.4% Width 12'2"

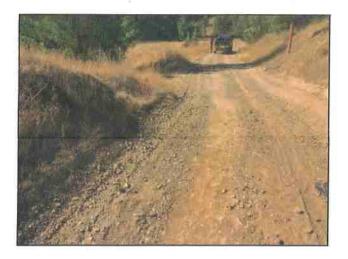


Photo #802 Private Access Rd @ Curve w/ Turnout Looking SW

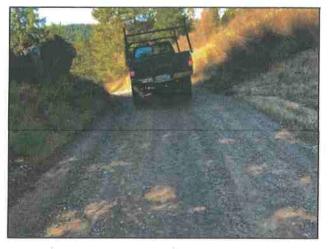


Photo #803 Private Access Rd @ Curve w/ Turnout Looking SW

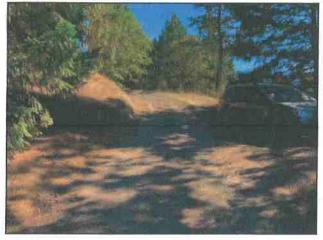


Photo #804 Private Access Rd @ Curve w/ Turnout Looking NE

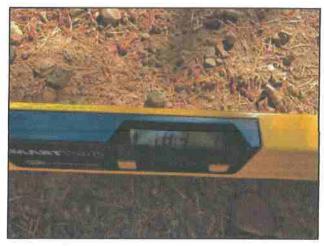


Photo #805 Private Access Rd Width 18.3%



Photo #806 Private Access Rd Looking @ Curve w/ Turnout Looking NE

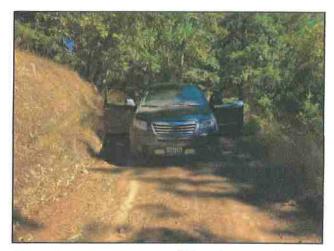


Photo #807 Private Access Rd @ Curve w/ Turnout Looking SW



Photo #808 Private Access Rd @ Curve w/ Turnout Looking NW



Photo #809 Private Access Rd @ Curve w/ Turnout Looking SE

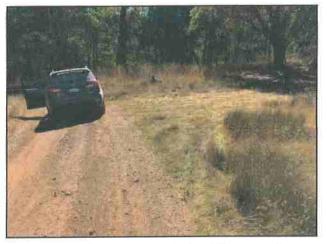


Photo #810 Private Access Rd @ Curve w/ Turnout Looking NE



Photo #812 Private Access Rd Slope 24.5% Width 11'2"

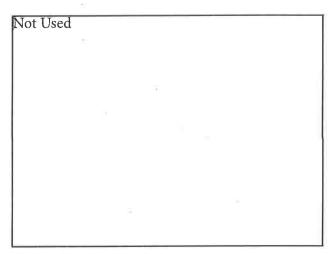


Photo #811 Not Used



Photo #813 Private Access Rd Looking NW



Photo #814 Privatte Access Rd Slpe 21.0% Width 12'

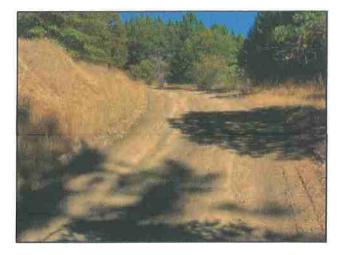


Photo #815 Private Access Rd @ Curve w/ Turnout Looking NW



Photo #816 Private Access Rd Looking @ 12" Culvert Out

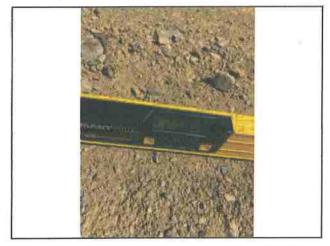


Photo #818 Private Acvcess Rd Slope 27.0%



Photo #817 Private Access Rd Looking @ Partially Clogged 12" Culvert In

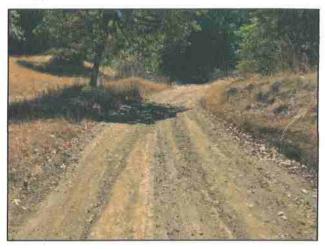


Photo #818A Private Access Rd @ Curve w/ Turnout Looking SE

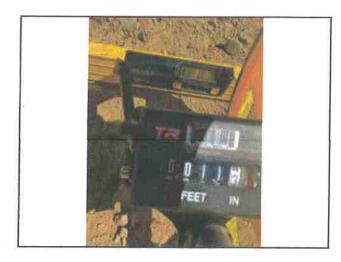


Photo #819 Private Access Rd Slope 27.0% Width 11'3"



Photo #819A Private Access Rd Looking NW

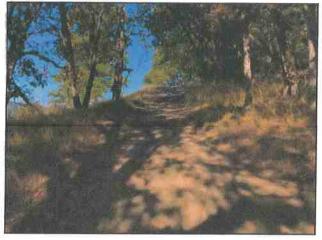


Photo #820 Private Access Rd @ Curve w/ Turnout Looking NW



Photo #821 Private Access Rd Looking SE



Photo #822 Private Access Rd Slope 15.9% Width 10'2"

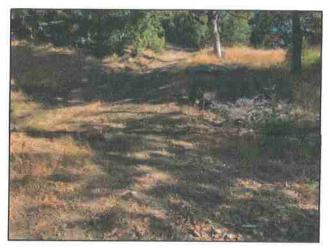


Photo #823 Private Access Rd Looking East towards Quad Trail



Photo #824 Private Access Rd Slope29.9%



Photo #825 Private Access Rd Looking @ 12" Culvert In



Photo #826 Private Access Rd @ Curve w/ Turnout Looking NE



Photo #828 Private Access Rd @ Curve w/ Turnout Looking NE



Photo #827 Private Access Rd @ Curve w/ Turnout Looking NE

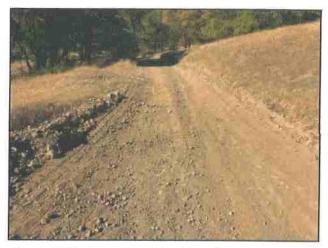


Photo #829 Private Access Rd @ Curve w/ Turnout Looking SW



Photo #830 Private Access Rd Slope 18% Width 16'10"



Photo #831 Private Access Rd Looking @ 12" Culvert In Photo 825 Shows Culvert Out

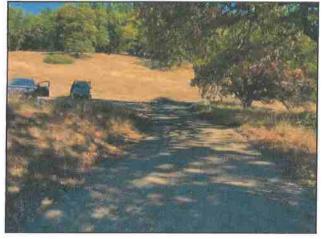


Photo #832 Private Access Rd @ Curve w/ Turnout Looking NE



Photo #834 Private Access Rd Width 11'9"

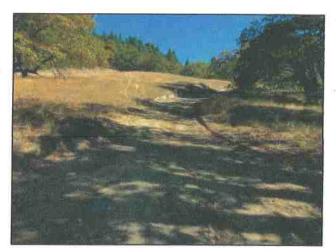


Photo #833 Private Access Rd @ Curve w/ Turnout Looking NE



Photo #835 Private Access Rd Slope 17.0%

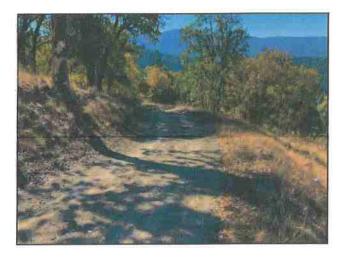


Photo #837Private Access Rd @ Curve w/ Turnout Looking SE

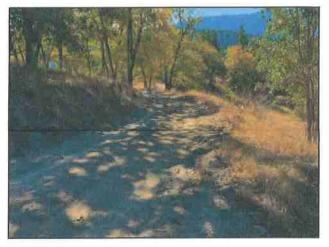


Photo #838 Private Access Rd @ Curve w/ Turnout Looking SE

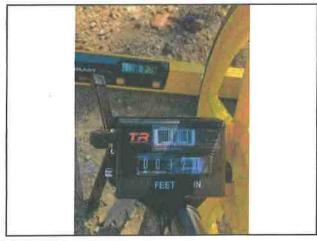


Photo #839 Private Access Rd Slope 18.7% Width 12'1"



Photo #841 Private Access Rd Slope 18.7% Width 12'1"

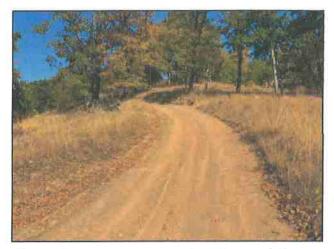


Photo #840 Private Access Rd @ Curve w/ Turnout Looking NW

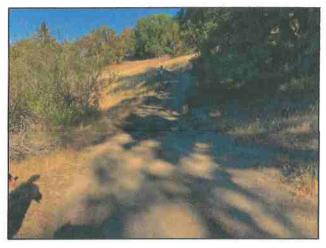


Photo #842 Private Access Rd @ Curve w/ Turnout Looking NE



Photo #843 Private Access Rd @ Curve w/ Turnout Looking SW

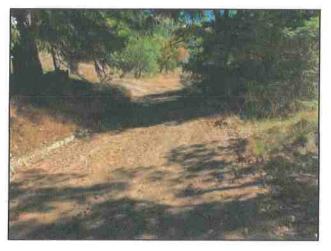


Photo #844 Private Access Rd @ Curve w/ Turnout Looking SE



Photo #845 Private Access Rd @ Curve w/ Turnout Looking NW

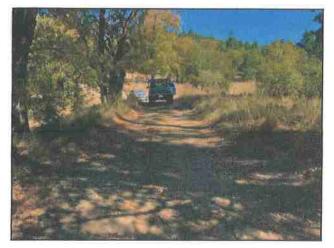


Photo 847 Private Access Rd @ Curve w/ Turnout Looking NW



Photo #846 Private Access Rd Slope 9.4% Width 18'5" @ Turnout



Photo #848 Private Access Rd Looking @ Partially Clogged 12" Culvert In



Photo #849Private Access Rd 12" Culvert In, Photo 848 Show Culvert Out

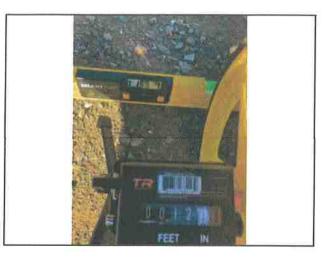


Photo #850 Private Access Rd Slope 15.3% Width 12'1"



Photo #850A Private Access Rd @ Curve w/ Turnout Looking SW



Photo #851 Private Access Rd @ Curve w/ Turnout Looking NE

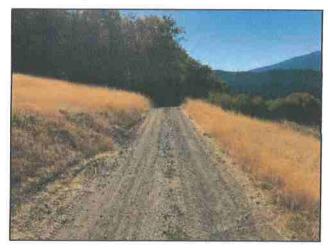


Photo #853 Private Access Rd @ Curve w/ Turnout Looking SE

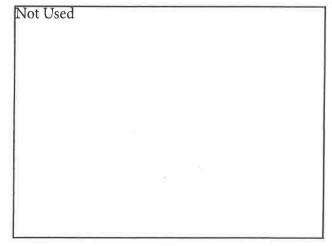


Photo #852 Not Used

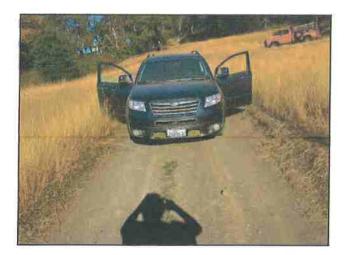


Photo #853A Private Access Rd Looking NW



Photo #854 Private Access Rd @ Curve w/ Turnout Looking SE



Photo # 855Private Access Rd @ Curve w/ Turnout Looking NE



Photo # 857 Prvate Access Rd Slope 29.9% Width 10'



Photo #856 Private Access Rd @ Curve w/ Turnout Looking SW

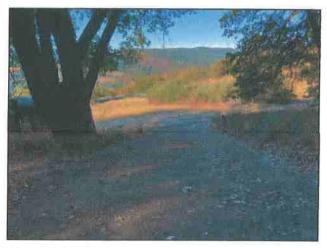


Photo # 858 Private Access Rd @ Curve w/ Turnout Looking NW

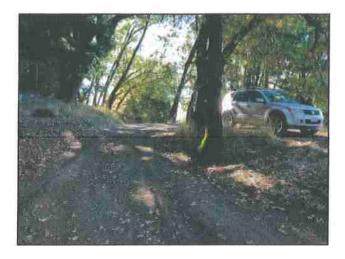


Photo #859 Private Access Rd @ Curve w/ Turnout Looking NW

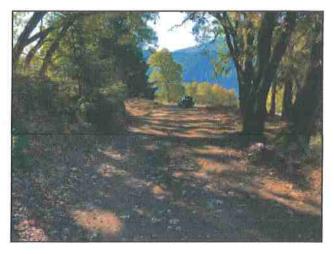


Photo #860 Private Access Rd @ Turnout Location Looking SE @ Curve

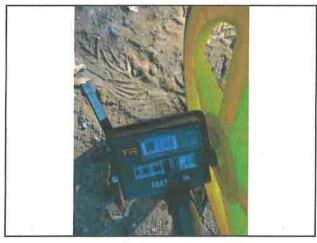


Photo #861 Private Acvess Rd Width 10'11"

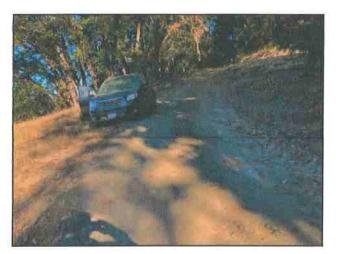


Photo #863 Private Access Rd @ Curve w/ Turnout Looking NW

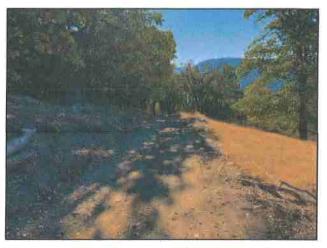


Photo #862 Private Access Rd @ Curve w/ Turnout Looking SE

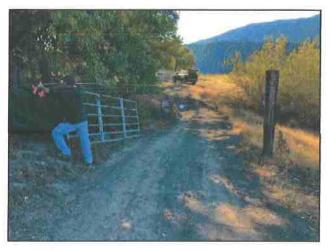


Photo # 864 Private Access Rd @ 12' Wide Gate

