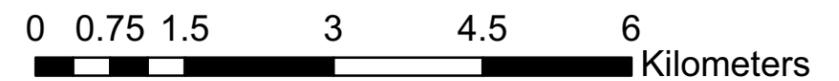
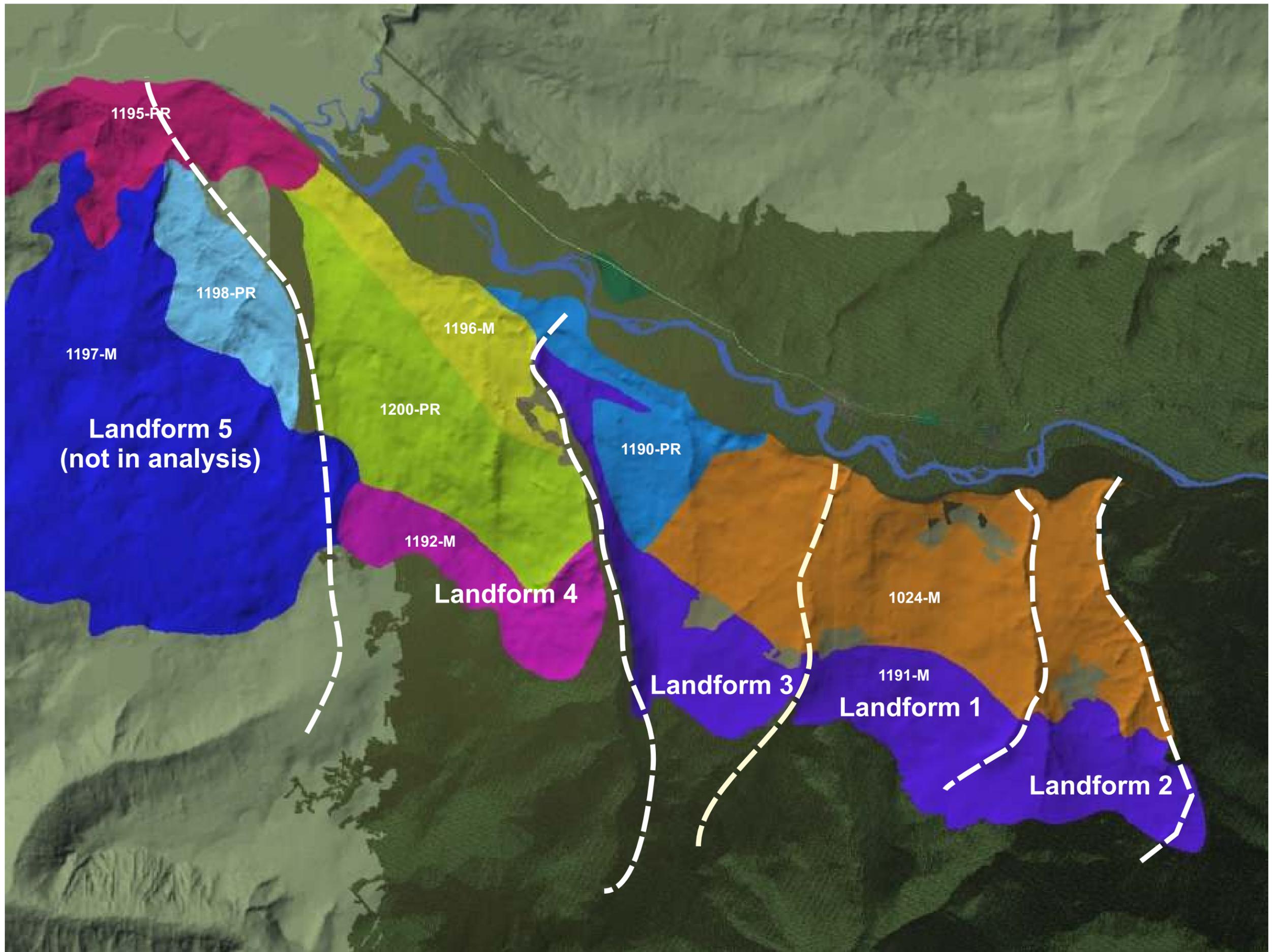


FO81J, K, S; FO8L9
BCTS Foghorn VIA
 prepared by
RDI Resource Design Inc
October 26, 2015

- Landform_Lines
- Vavenby2015-RDI-Leaveshp
- 2008-2015completeclip
- Ften2008-2015completed
- WTPs
- PAS
- No Harvest Zone
- FO8L9 Block shape
- Foghorn-Hascheck-2015
- RDI-LeaveProp
- FO7EM_H2014
- FO7EL-H2014
- FO81G
- FO7PS
- Addressed in August 2015 VIA
- Viewpoints
- Highway5
- Harvested_blks_08-09
- CFP-2012-A18688
- N-Thompson
- Ften_blks
- New Blocks in this VIA





VNS Simulation of Landforms and Visual Sensitivity Units

Contents

1	Key Map
2	Contents
3	VIA Summary Table
4	McCorvie Visual Simulations
5	McCorvie Percent Alteration
6	McCorvie VSU-LOF
7	Sandbox Visual Simulations
8	Sandbox Percent Alteration
9	Sandbox VSU-LOF

Visual Impact Assessment Summary Table

District: Clearwater

Licensee: BCTS Kamloops Business Area

Licence Number	A92773	CP# & BLK #, or RP#:	FO7PS FO81G	Map Reference #:	82M051	Proposed year of Harvest	2015-16	Proposed Silv System	CC with WTRAs
Type of Proposed Alteration (e.g. Cutblock, Road or Pipeline R/W, Oil lease, etc.)	Cutblock								
VISUAL LANDSCAPE INVENTORY LABEL (old)	VLU#:								
VISUAL LANDSCAPE INVENTORY LABEL Kamloops LRMP	VSU#:	VSR:	VAC:	EVC:	EVQO:	M			
DOES EVC EXCEED THE ESTABLISHED VQO?	1024 (M); 1191 (M) No				EVQO:	M			

VIEWPOINTS & VIEWING CONDITIONS

Number & Name of Viewpoints from which the proposal is visible?
Indicate Viewpoint Importance. (Major/minor/potential)
Viewing Distance (Fg 0-1km, Mg 1-8km or Bg 8km+) to visible

McCorvie Viewpoint	Sandbox Viewpoint		
Major - Highway 5	Major - Highway 5		
MG: 3 km to centre of FO7PS	MG: 2.5 km to centre of FO7PS		

ASSESSING BASIC VQO DEFINITION

(not confirmed with on-site visit)

Does the proposed alteration, in combination with any existing Non-Veg alterations, achieve the basic VQO definition for the established VQO from each of the identified viewpoints?

McCorvie Viewpoint: Modification but angular*	Sandbox Viewpoint: Modification		
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If applicable state reasons why the proposal does not achieve the basic definition.

If applicable, which basic VQO definition would the proposed alteration in combination with any existing Non-VEG alterations meet?

N/A or P R PR M MM EM

RDI has applied a landform approach to assessment, following the lead of FLNRO's Visual Quality Effectiveness Evaluation Procedures and Standards (VQEE). RDI identified 3 landforms within VSU 1024 and the visible portion of VSU 1191 situated above VSU 1024. The proposed blocks lay within the central landform (Landform 1). The recently harvested CFP block is within Landform 2 to the east. Landform 1 was considered on its own and also with the addition of Landform 2. Landform 3 to the west is not relevant and therefore not considered in the assessment.

ASSESSING VISUAL DESIGN

Do the proposed alterations exhibit elements of good visual design? YES NO

Do the proposed alterations respond to the lines of force analysis? YES NO

If No why?

*Overall, yes, but the hard angle forming the northwest corner of FO7PS is obvious travelling east on Highway 5 (McCorvie Viewpoint). Although the blocks can achieve the definition of Modification, RDI considers it to be preferable to reduce the angularity by the addition of a total of 8 ha of retention patches as suggested by RDI. Field confirmation of operability considerations is necessary. See Assessing Scale of Alteration for a discussion about scale as influencing the verbal definition of Modification and the need for or desirability of making the adjustments suggested by RDI.

Modification" means an alteration of a forest landscape resulting from the presence of cutblocks or roads, such that, when assessed from a viewpoint that is representative of significant public viewing opportunities, the alteration is very easy to see and is either (a) large in scale with a design that is natural in its appearance, or (b) small to moderate in scale but with a design that has some angular characteristics.

Are there existing human made alterations visible in the unit showing no or poor design?

NO YES

ASSESSING SCALE OF ALTERATION - see viewpoint image sheets for details

Includes 2014 blocks FO7EM and FO7EL in Landform 1 and CFP 2012 block in Landform 2.

Acceptable Range for Modification VQO: 7%-18%
All values are less than the VQO Mid-point of 12.5%
Values are moderate.

	Landform 1		Landforms 1+2	
	BCTS Plan	RDI Leave	BCTS Plan	RDI Leave
McCorvie	9.1%	8.0%	9.4%	8.3%
Sandbox	11.1%	9.3%	7.4%	6.4%

FOREGROUND ALTERATIONS AND SCREEN DESIGN

Is the visible portion of proposed alteration within 1 kilometre of the viewing locations?

YES Upper Harbour Lake only NO

Does vegetative or landform screening exist? YES NO

If yes, what type: Deciduous Coniferous Mixed Forest Landform

Would the screen hide proposed operations? YES NO

A substantial screen exists along the valley bottom.

Is vegetative screen designed properly ie responds to lines of force, shape & scale and remains a viable unit for future removal? YES NO N/A

Follows River

Is vegetative screen expected to be windfirm? Not Known YES NO N/A

If alteration would not be screened or only partially screened, describe the actions proposed to reduce the visual impact in the immediate foreground (e.g. landing location, roadside clean-up, etc.)

No foreground

ADDITIONAL CONSIDERATIONS

Does the EVC in adjacent units exceed the established VQO for those units and how would this affect the management of the present unit proposed for alteration? YES NO

Comments:

Has this VIA submission incorporated all known alterations proposed within the Visual Sensitivity Unit for the next 5 years? (i.e. all blocks proposed by the same or different licensees) YES NO

Comments:

Prepared by:

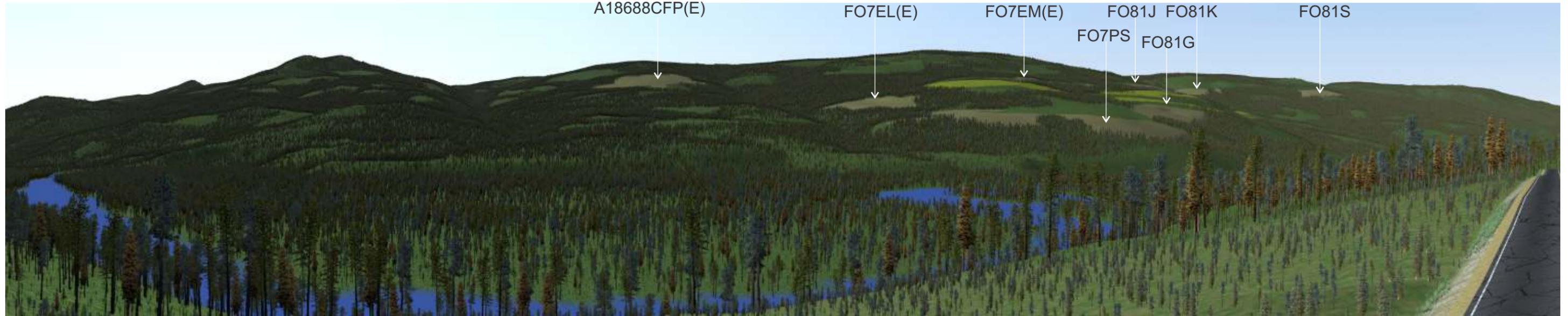


Ken B. Fairhurst, PhD, RPF
RDI Resource Design Inc
August 4, 2015

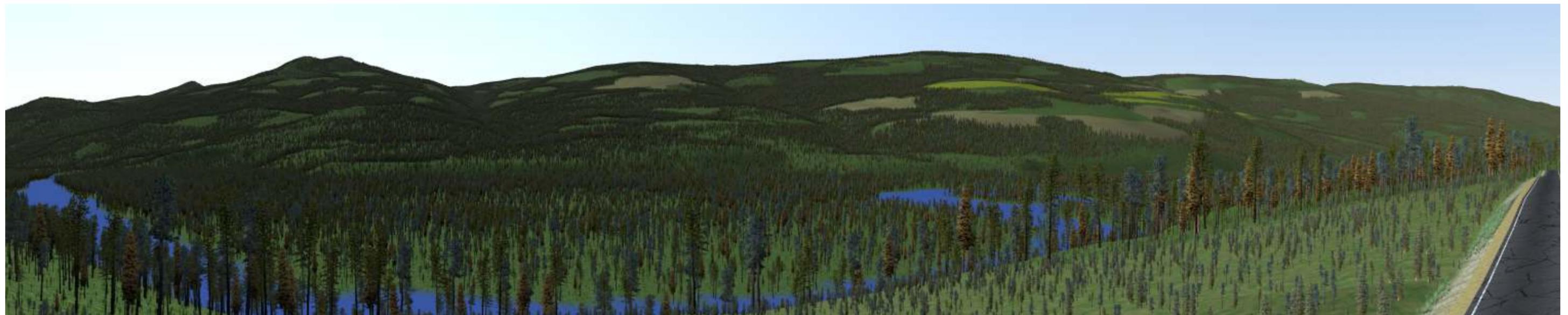


Sandbox Viewpoint Photo by T. Luedke, May 2015

7167 Pixel VNS



Sandbox Viewpoint VNS Simulation by RDI as of 151017



Sandbox Viewpoint VNS Simulations with RDI Leave Recommendations

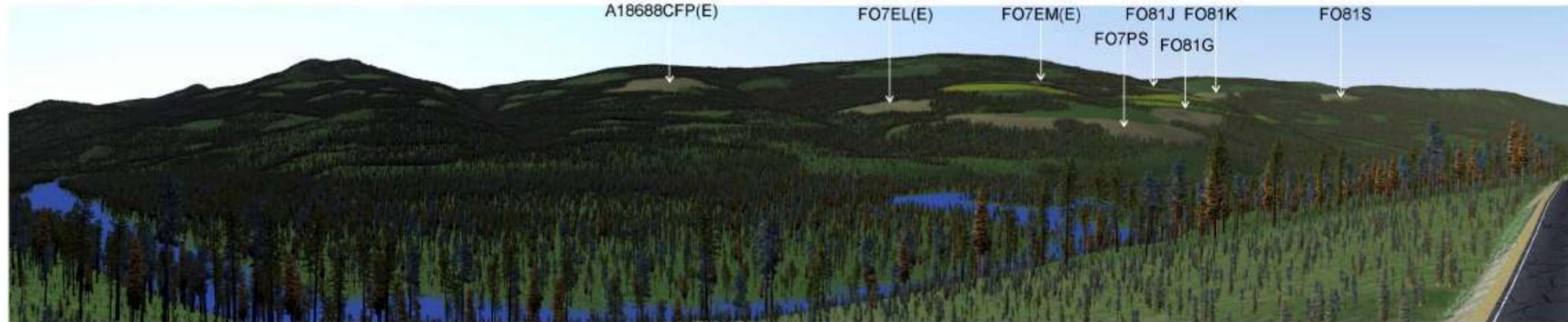
Updated to 151017

RDI Resource Design Inc
October, 2015

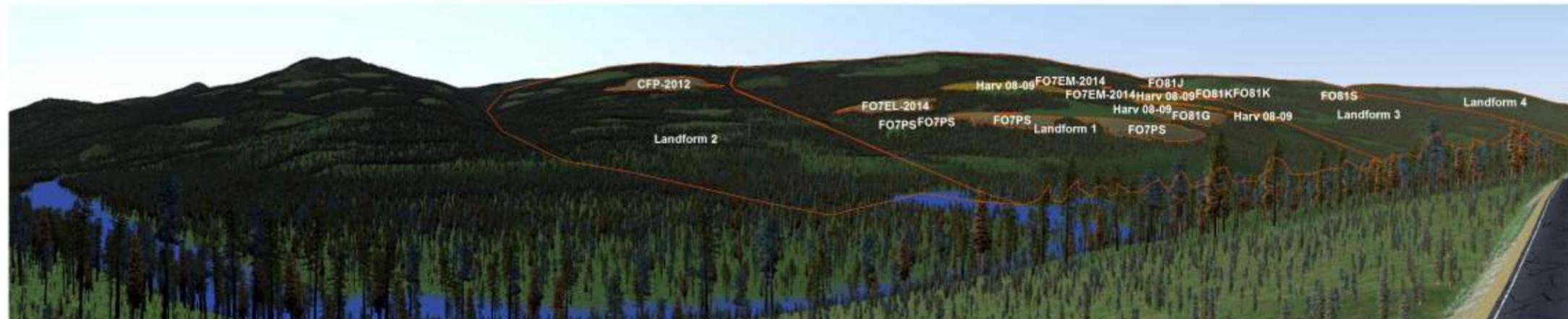


Sandbox Viewpoint Photo by T. Luedke, May 2015

7167 Pixel VNS



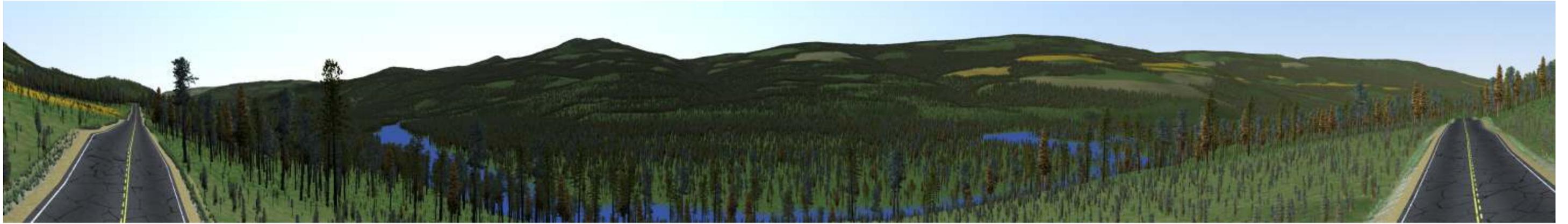
Sandbox Viewpoint VNS Simulation by RDI as of 151017



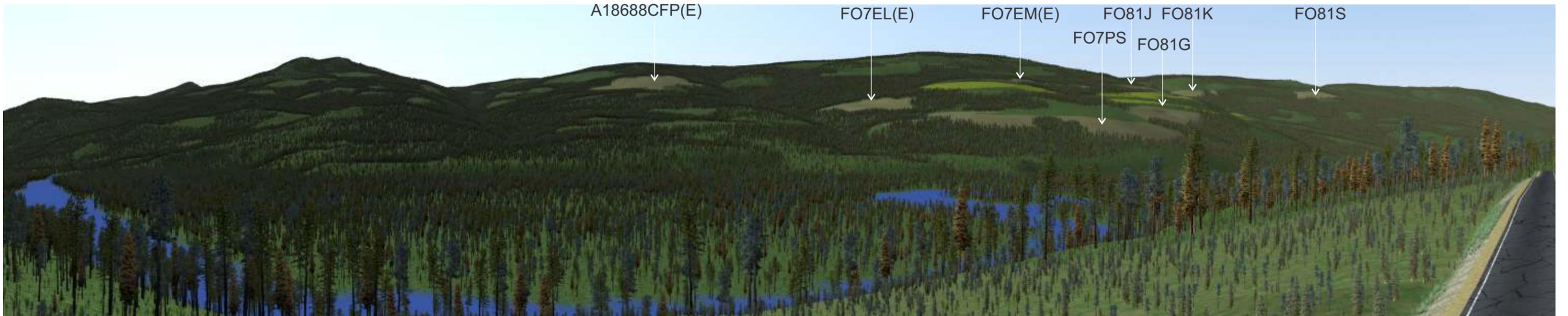
Sandbox Viewpoint VNS Simulations with RDI Leave Recommendations

Updated to 151017
RDI Resource Design Inc
October, 2015

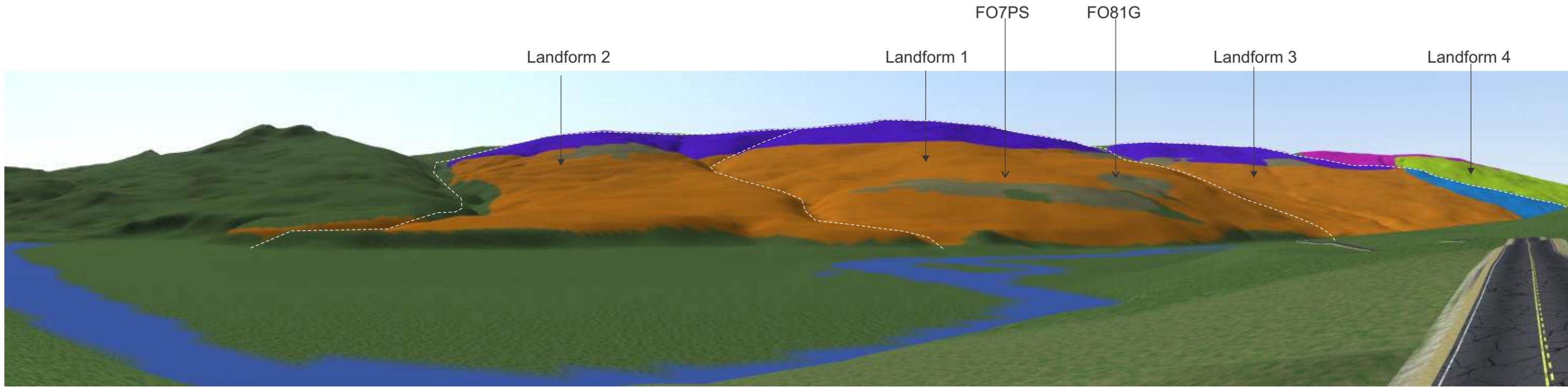
Item	Digital Area	Percent Alteration
Landform 2	346698.72	
CFP-2012	7436.91	2.1%
Landform 1	496921.82	
FO7EL-2014	6518.28	1.3%
FO7PS	8860.15	1.8%
FO7PS	115.90	0.0%
FO7PS	24.53	0.0%
FO7PS	169.82	0.0%
FO7PS	16.62	0.0%
FO7PS	14.51	0.0%
FO7PS	13492.61	2.7%
FO81G	6616.76	1.3%
FO7EM-2014	417.08	0.1%
FO7EM-2014	36.14	0.0%
FO7EM-2014	8.35	0.0%
FO7EM-2014	102.40	0.0%
FO7EM-2014	16.62	0.0%
Harv 08-09	2835.28	0.6%
Harv 08-09	1166.83	0.2%
Harv 08-09	189.49	0.0%
Harv 08-09	143.11	0.0%
Harv 08-09	344.36	0.1%
Harv 08-09	5296.44	1.1%
Sum Landform 1	46385.27	9.3%
Landform 3	127788.68	
FO81J	621.35	0.5%
FO81K	1279.77	1.0%
FO81K	140.97	0.1%
FO81S	1881.96	1.5%
Sum Landform 3	3924.05	3.1%
Landform 4	46342.46	
No visible alteration	0.00	0.0%



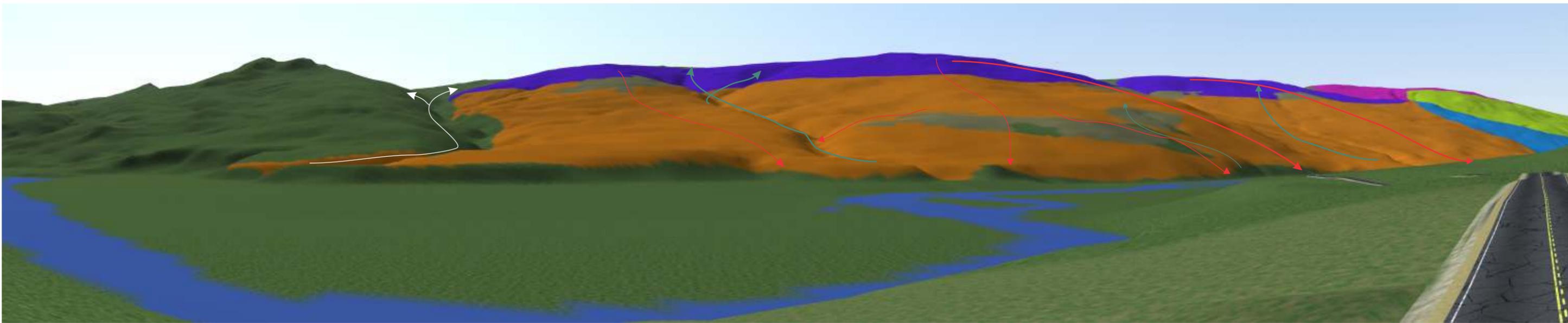
Sandbox original without RDI Leave. Existing nonVEG in orange



Sandbox with RDI Leave. Existing nonVEG in light green.



- VSU 1024 - Modification
- VSU 1191 - Modification



- Visual Force Convexity
- Visual Force Concavity

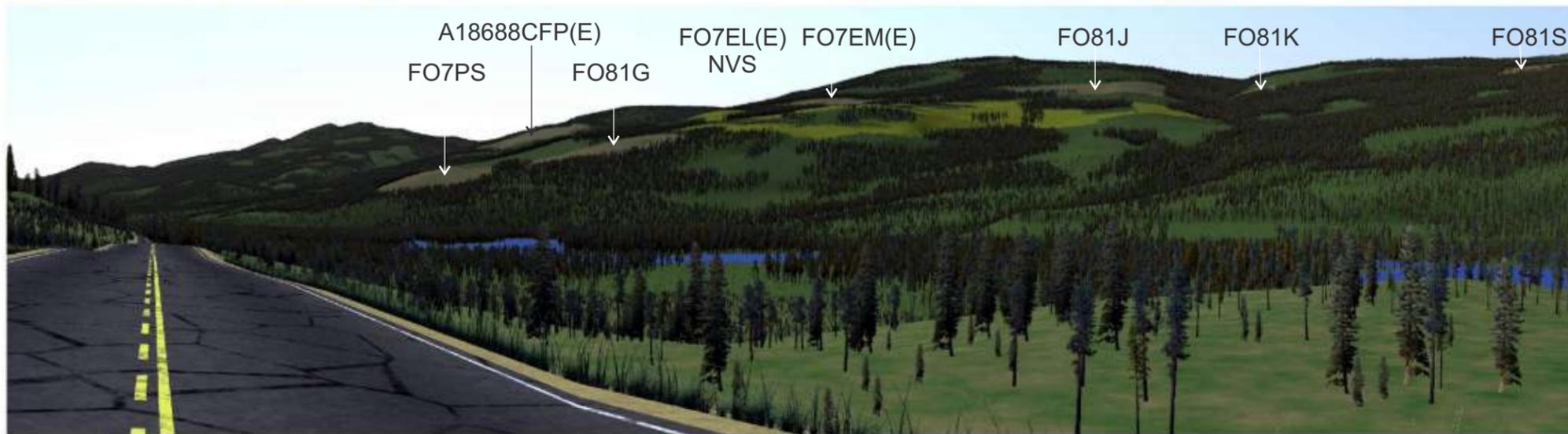
Sandbox Viewpoint Visual Sensitivity Units, Landforms, and Lines of Force

McCorvie Viewpoint Photo by T. Luedke, May 2015



Landforms L1 and L1+L2 within VSU

with RDI Recommended Changes to BCTS Plan

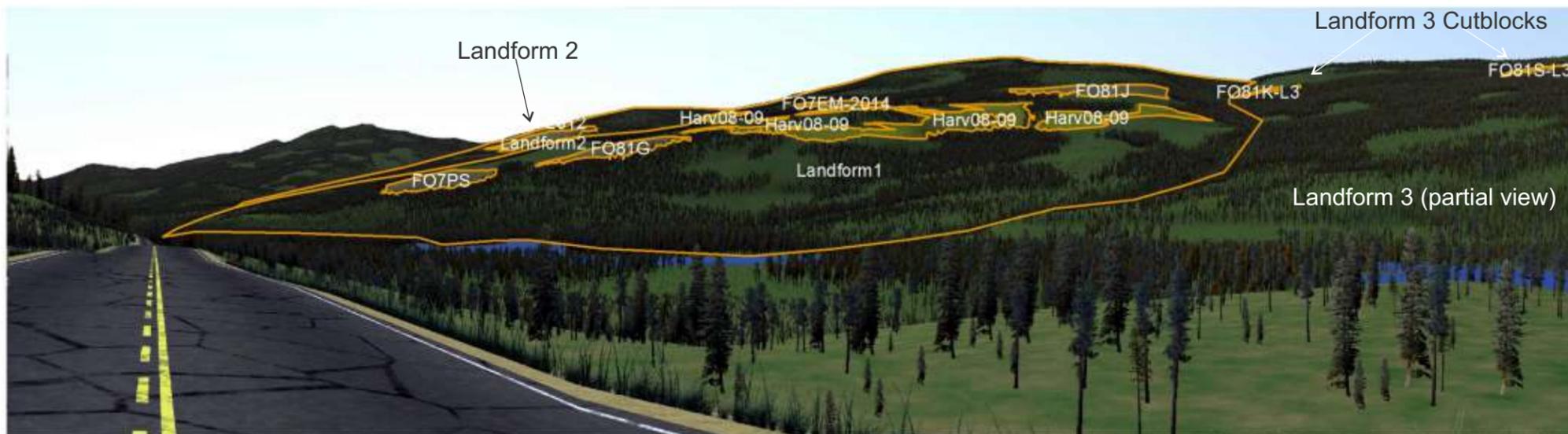


McCorvie Viewpoint VNS Simulation by RDI- 151017

5302 pixel width VNS

McCorvie Percent Alteration Landform 1		
Item	Area2	%Alt L1
Landform1	634671.5	
FO7PS	7400.8	1.2%
FO81G	5933.9	0.9%
FO7EM-2014	1852.0	0.3%
Harv08-09	23632.0	3.7%
Harv08-09	300.9	0.0%
Harv08-09	752.6	0.1%
Harv08-09	8414.1	1.3%
Retained	1161.7	-0.2%
Harv08-09	1383.9	0.2%
FO81J	6735.2	1.1%
Sum Alt L1	56405.4	8.9%

McCorvie Total Percent Alteration Landform 1+2			
		%Alt L2	%Alt L1+L2
Landform2	26607.0		
CFP-2012	3969.2	14.9%	0.6%
Sum L1+L2	661278.5		
Sum Alt L1+L2	60374.6		9.1%

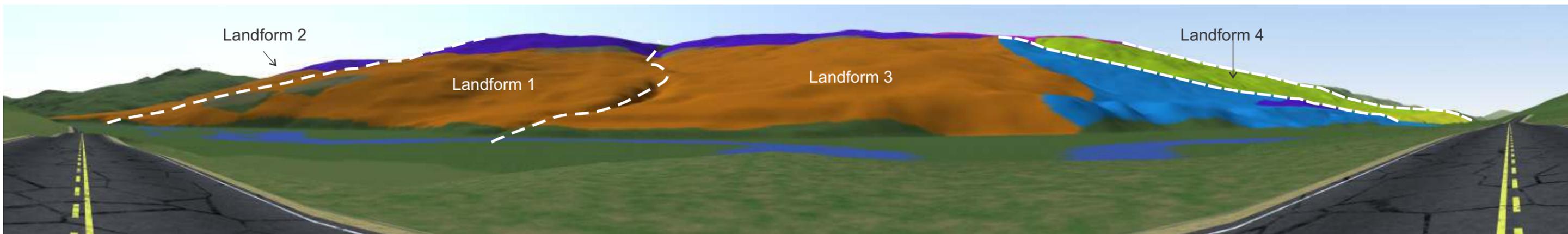
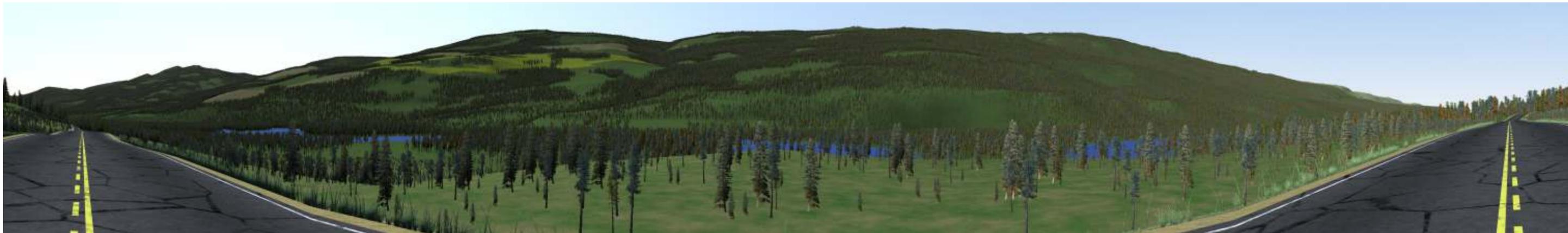


Updated to 151017

Landform 2 with existing CFP block presented for information only

Percent Alteration for Landform 3 not calculated
Partial representation only of landform in this rendering

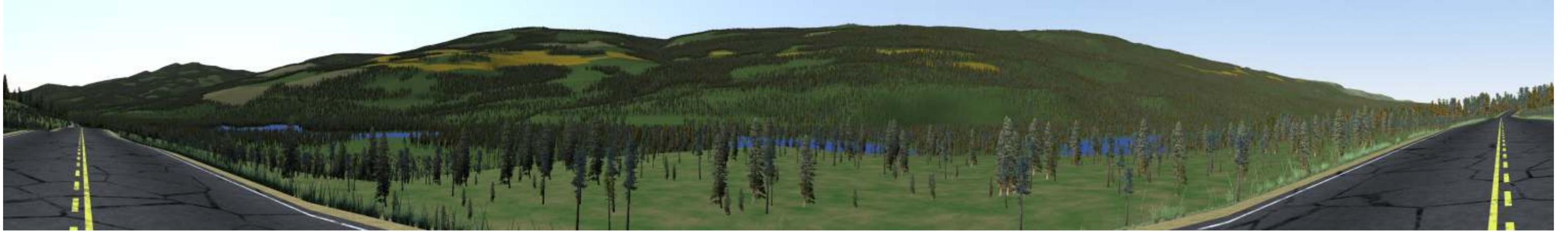
RDI Resource Design Inc
October, 2015



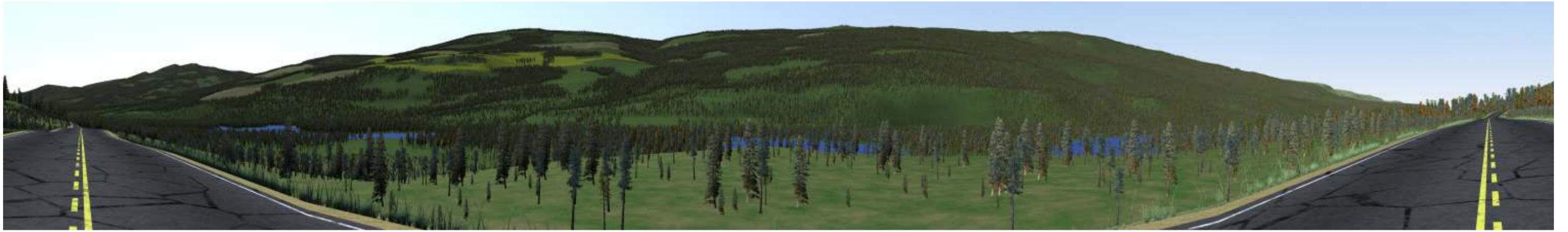
- VSU 1024 - Modification
- VSU 1190 - Partial Retention
- VSU 1191 - Modification
- VSU 1200 - Partial Retention



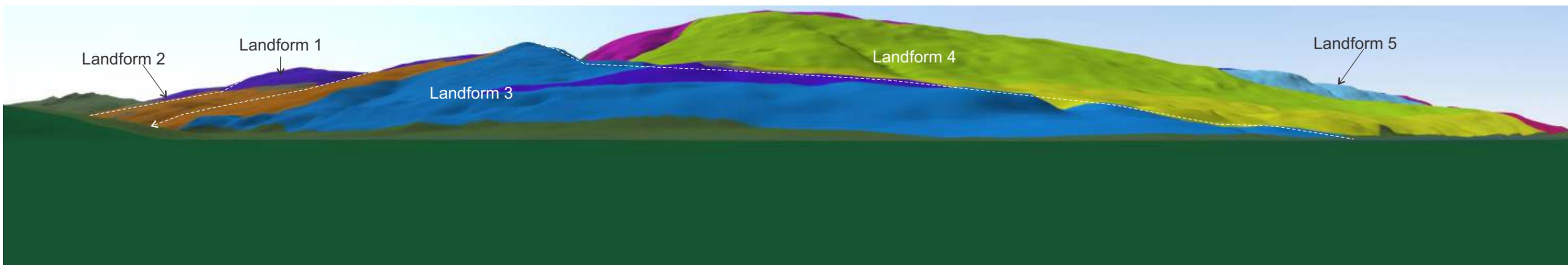
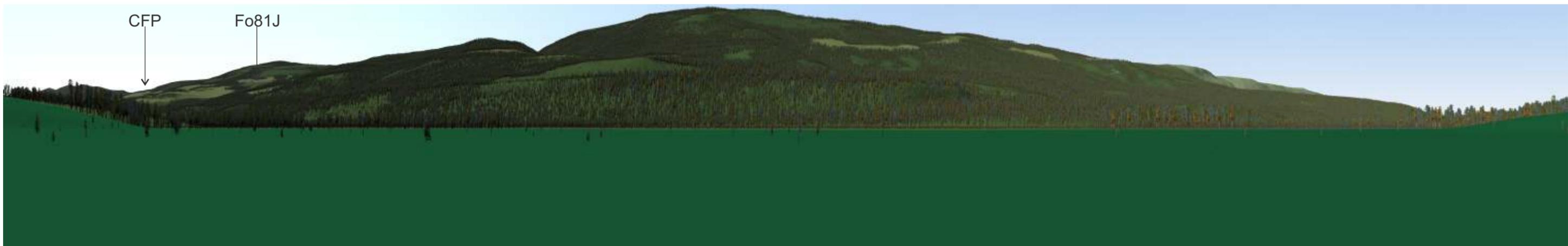
- Visual Force Convexity
- Visual Force Concavity



McCorvie original without RDI Leave. Existing nonVEG in orange



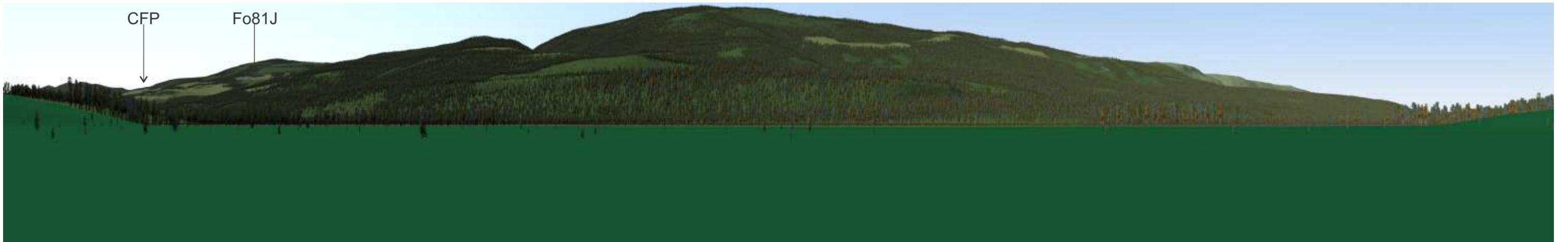
McCorvie with RDI Leave. Existing nonVEG in light green.



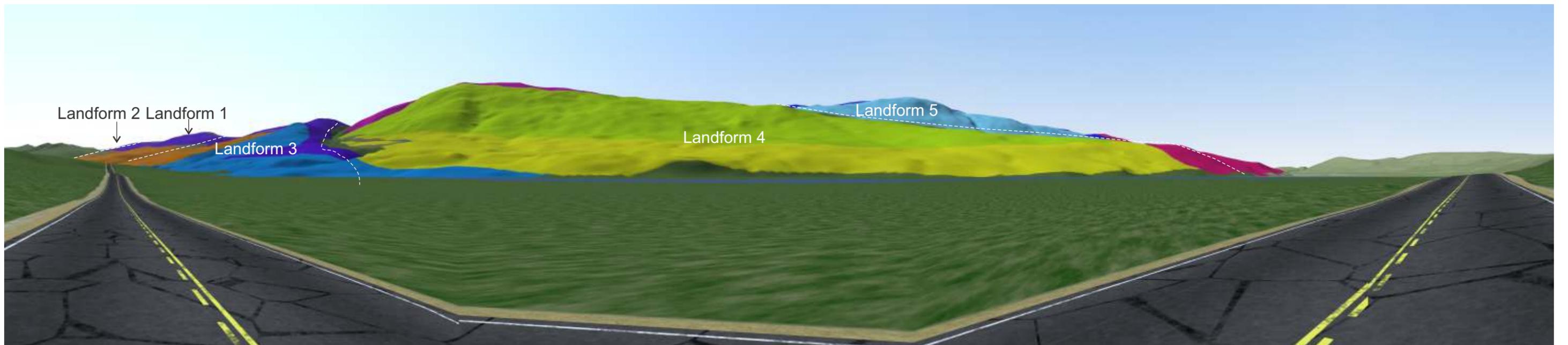
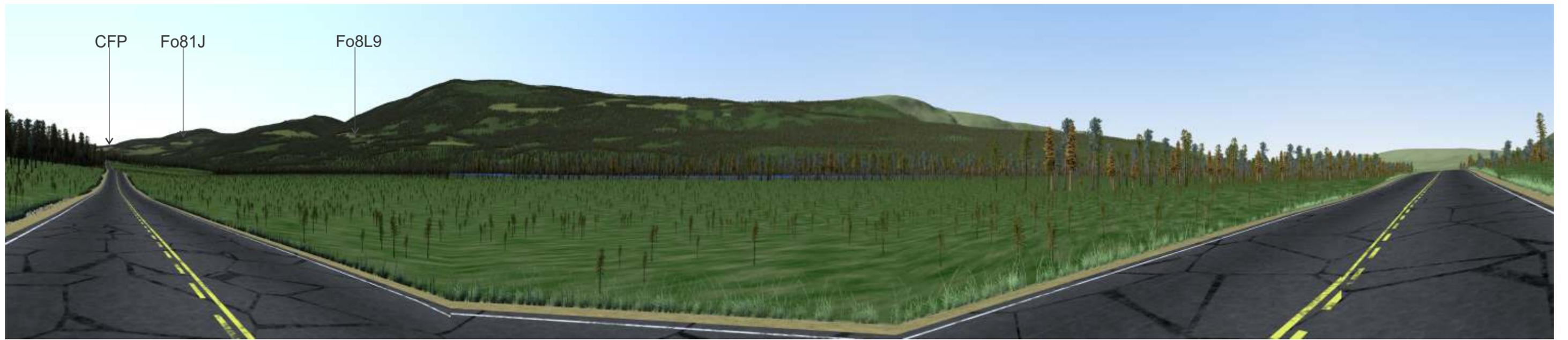
Birch Viewpoint VNS Simulations with Visual Sensitivity Units and Visual Force Analysis



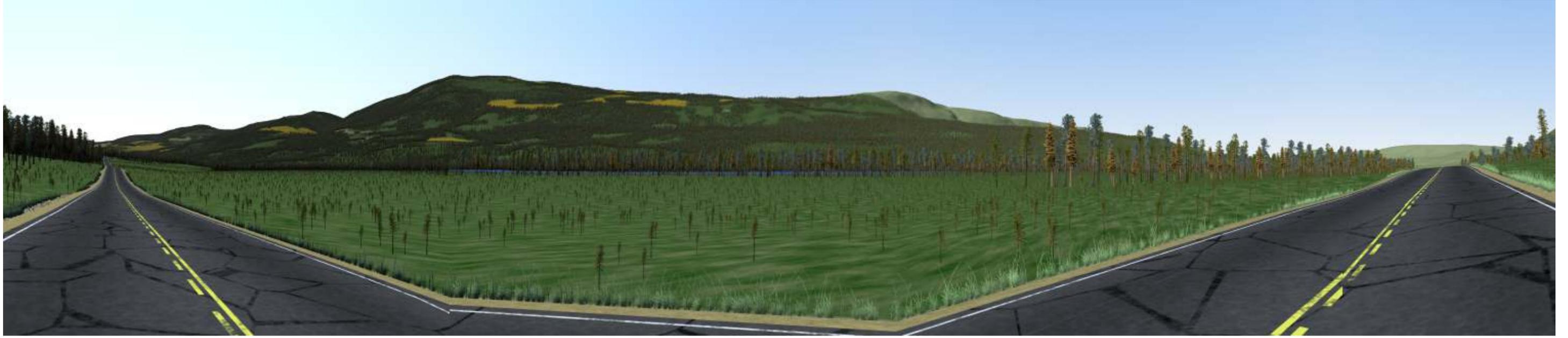
Birch original without RDI Leave. Existing nonVEG in orange



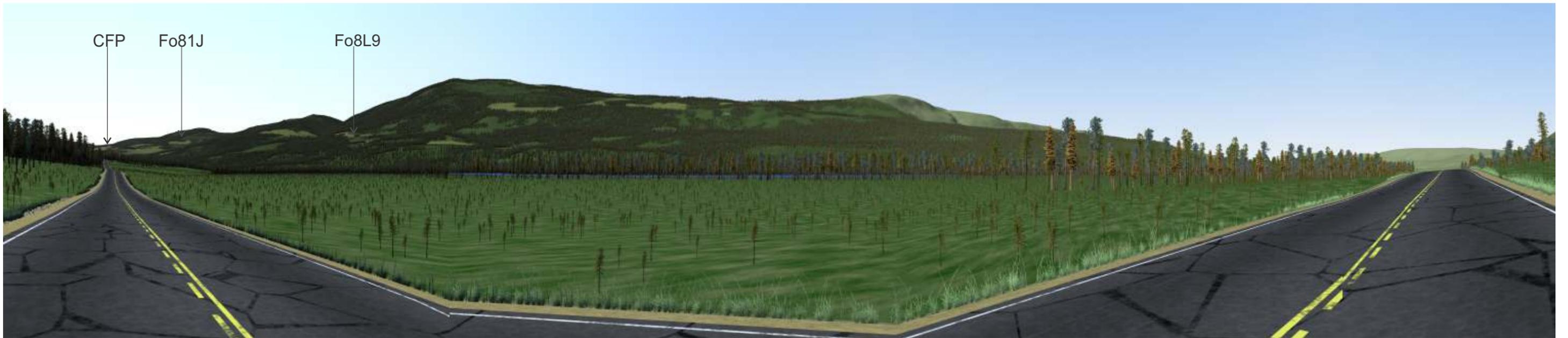
Birch with RDI Leave. Existing nonVEG in light green.



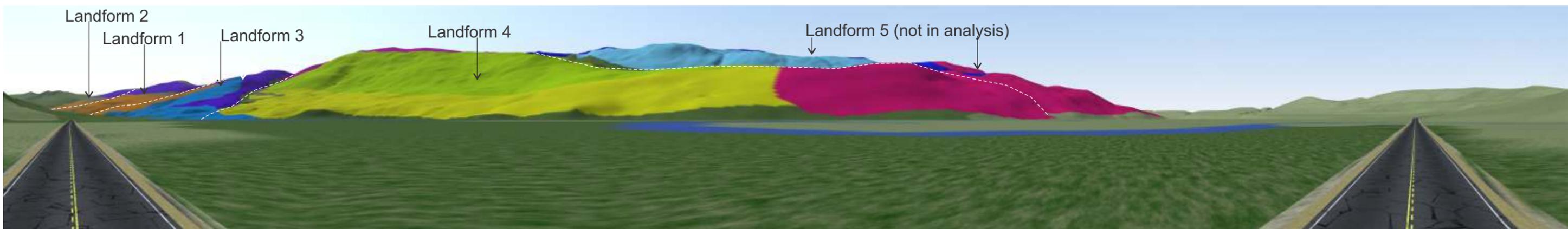
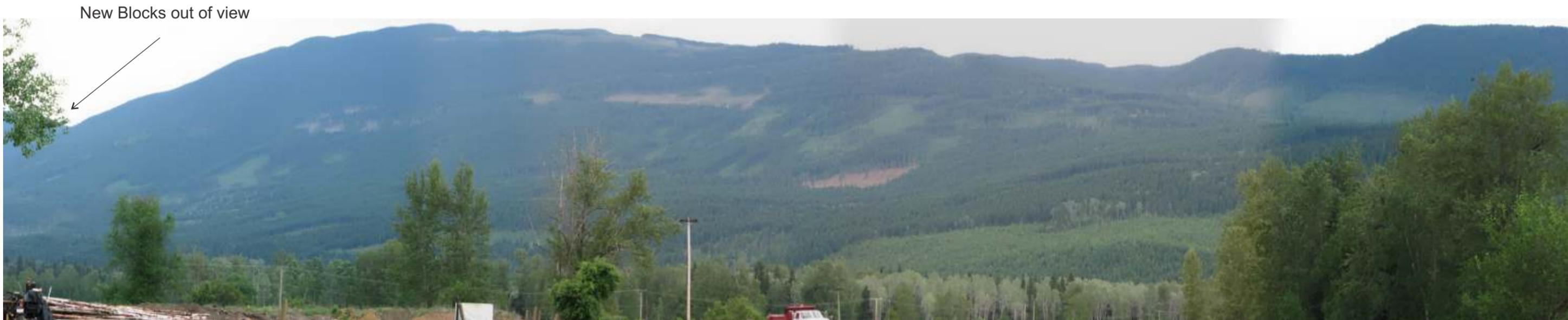
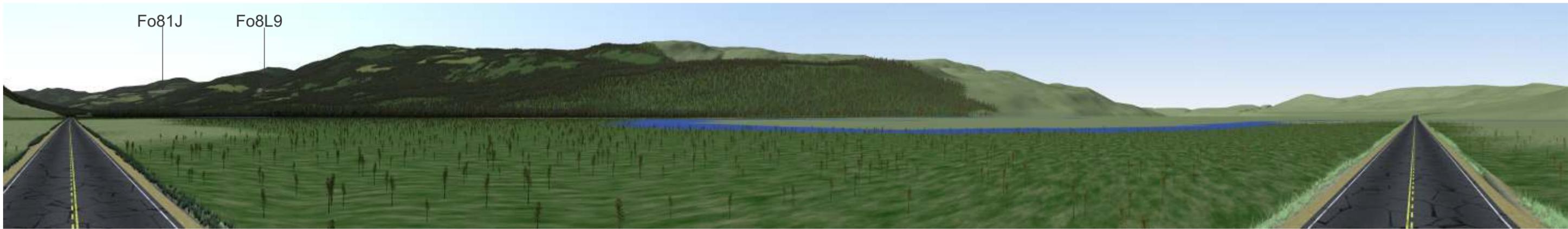
Miller Viewpoint VNS Simulations with Visual Sensitivity Units and Photography

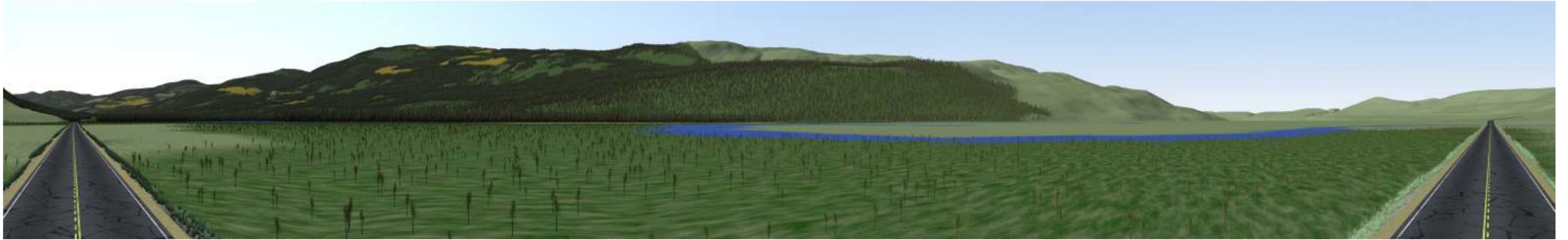


Miller original without RDI Leave. Existing nonVEG in orange

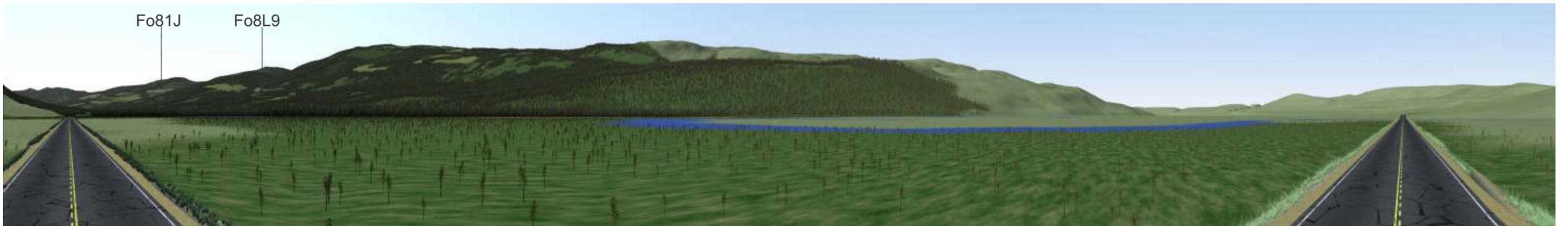


Miller with RDI Leave. Existing nonVEG in light green.





Raft original without RDI Leave. Existing nonVEG in orange



Raft with RDI Leave. Existing nonVEG in light green.

