

1,200 600 0 1,200 Meters



BC Timber Sales - Kamloops Business Area Fadear Mountain Development Area Visual Assessment

RDI Resource Design Inc
March 15, 2012

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Visual Impact Assessment Summary Table

District: Kamloops

Licensee: BCTS Kamloops Business Area

Licence Number See Table CP# & BLK #, or RP#: See Table Map Reference #: 082m001 082m011 Proposed year of Harvest 2012 Proposed Silv System CC-PC

Type of Proposed Alteration (e.g. Cutblock, Road or Pipeline R/W, Oil lease, etc.) Cutblock

VISUAL LANDSCAPE INVENTORY LABEL (old) VLU#: VSR: VAC: EVC: EVQO:

VISUAL LANDSCAPE INVENTORY LABEL Kamloops LRMP VSU#: 453 VSC: VAC: EVC: EVQO: PR

DOES EVC EXCEED THE ESTABLISHED VQO? None established. Recommended Pr/M Yes No

VIEWPOINTS & VIEWING CONDITIONS

Number & Name of Viewpoints from which the proposal is visible?

VPTs 1738-1754 (see table)

Indicate Viewpoint Importance. (Major/minor/potential)

major			
FG-MGmg			

Viewing Distance (Fg, Mg or Bg.)

ASSESSING BASIC VQO DEFINITION

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?

VPTs: All			
YES			

If applicable state reasons why the proposal does not achieve the basic definition.

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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

ASSESSING VISUAL DESIGN

Does the proposed alteration(s) exhibit elements of good visual design? YES NO

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

If No why?

Describe the design principles and practices used to blend the proposed alteration(s) with the landscape (e.g. edge treatment & feathering, irregular boundaries, leave trees/patches, etc.)

Varied sizes of openings, meeting lines of force, located on lesser slopes and benches; leave patches and WTRAs will reduce visual impacts and encourage rapid mitigation.

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

NO YES ==>

ASSESSING SCALE OF ALTERATION

(Use photographs or computer simulation output for calculations) (See Appendix 4 for example of calculation)
See viewpoint pages for details

	VPT #1742	VPT #1744	VPT #1752	
1. Total area of landform/VSU in perspective view as seen from each viewpoint.(measured in cm ²)				
2. Visible portion of proposed alteration(s) in perspective from each viewpoint.(measured in cm ²)				
3. Visible Ground area of all existing alterations in Non-VEG state in perspective view from each viewpoint.				
4. Total % alteration of the viewshed in perspective view from each viewpoint. [(#2+#3), #1] 100=#4	5.12%	3.29%	1.43%	

Does the total % alteration in perspective view from each viewpoint fall within the VQO guidelines? (P=0%; R=0-1.5%; PR=1.6-7.0%; M=7.1-18.0%)

YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
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FOREGROUND ALTERATIONS AND SCREEN DESIGN

Is the proposed alteration within 1 kilometer of the viewing locations? YES 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 Partially

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

Is vegetative screen expected to be windfirm? 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.)

RDI leave patches would serve as middleground screening in FA7FW. The block may have additional WTRAs. The WTRAs in FA7RP would be very effective. The WTRAs in FA7FV would be effective though not needed (VP 1745). (WTRAs may change at field layout and management decision)

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: Recent slide in VSU 58 links visually to block K1. Visual influence creates a low end modification/ upper end partial retention visual quality condition.

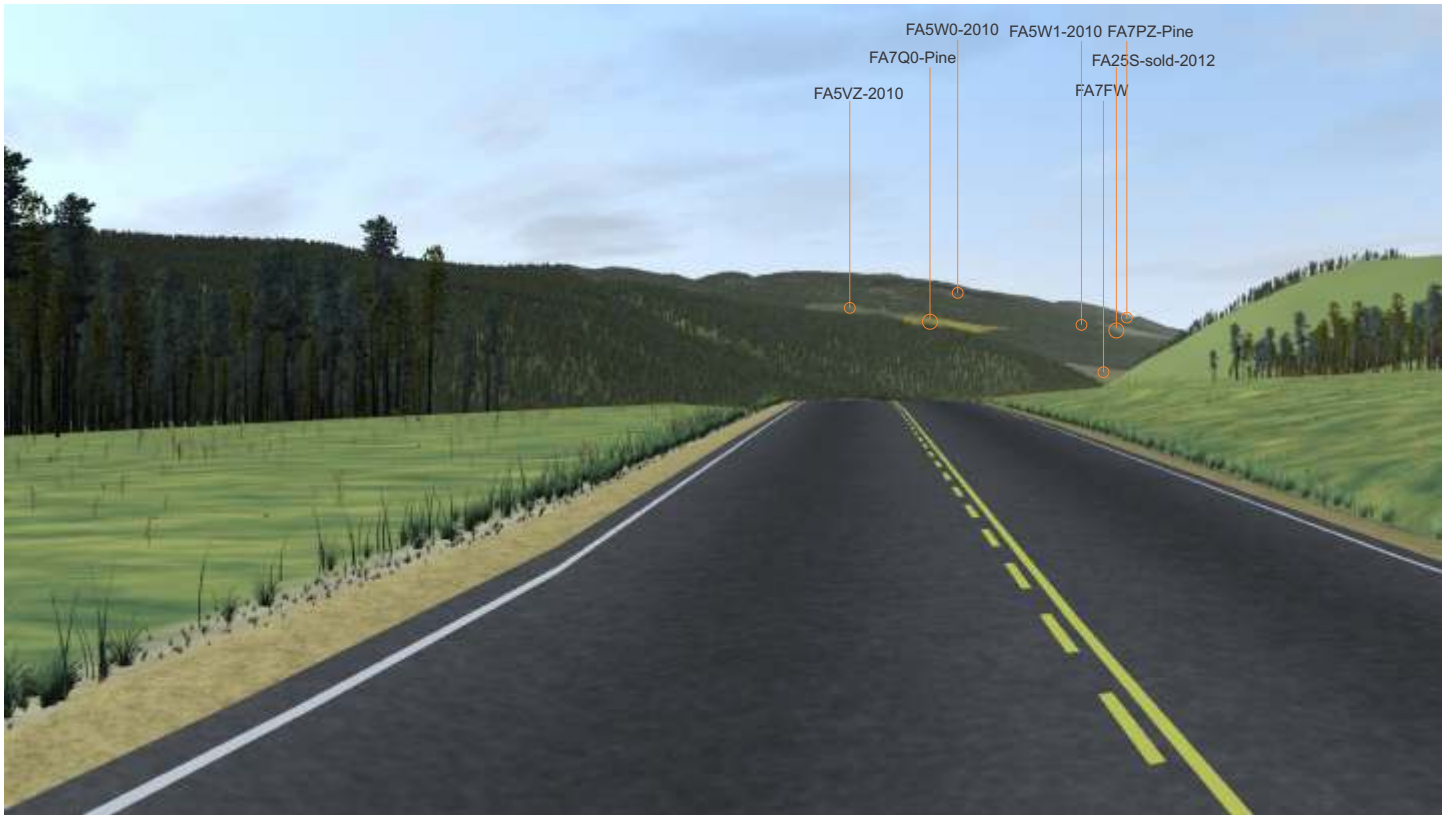
Has this VIA submission incorporated all known alterations proposed in the within the visual Sensitivity unit for the next 5 years? (i.e. all blocks proposed by the same or different licensees) YES NO

Comments: _____

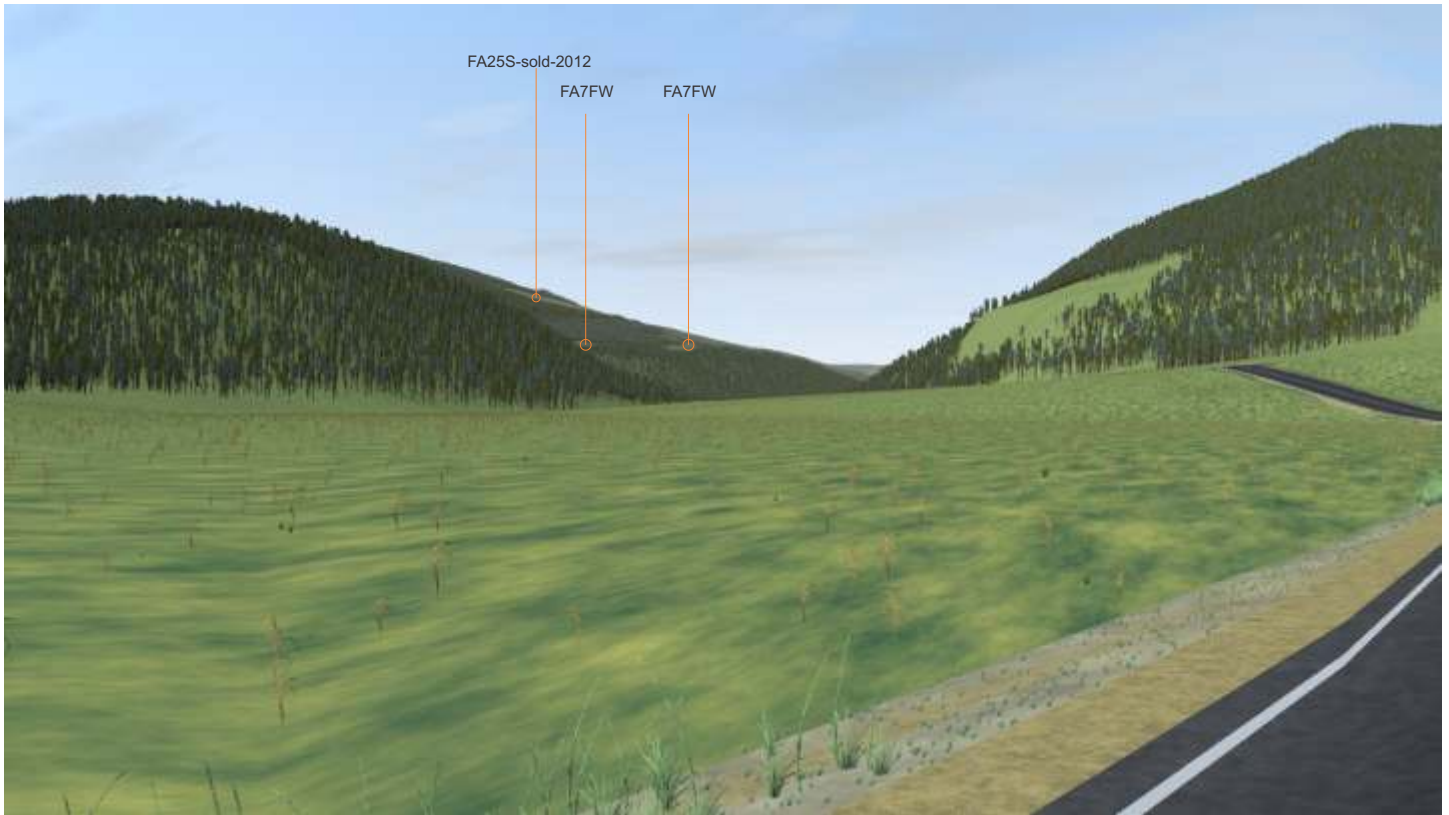
Completed By: Ken B. Fairhurst, R.P.F.

Date Completed: March 15 2012

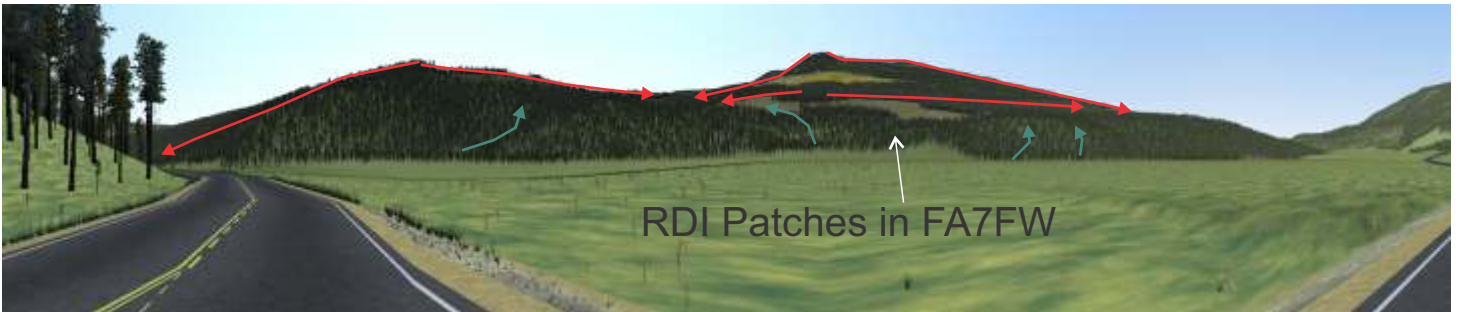
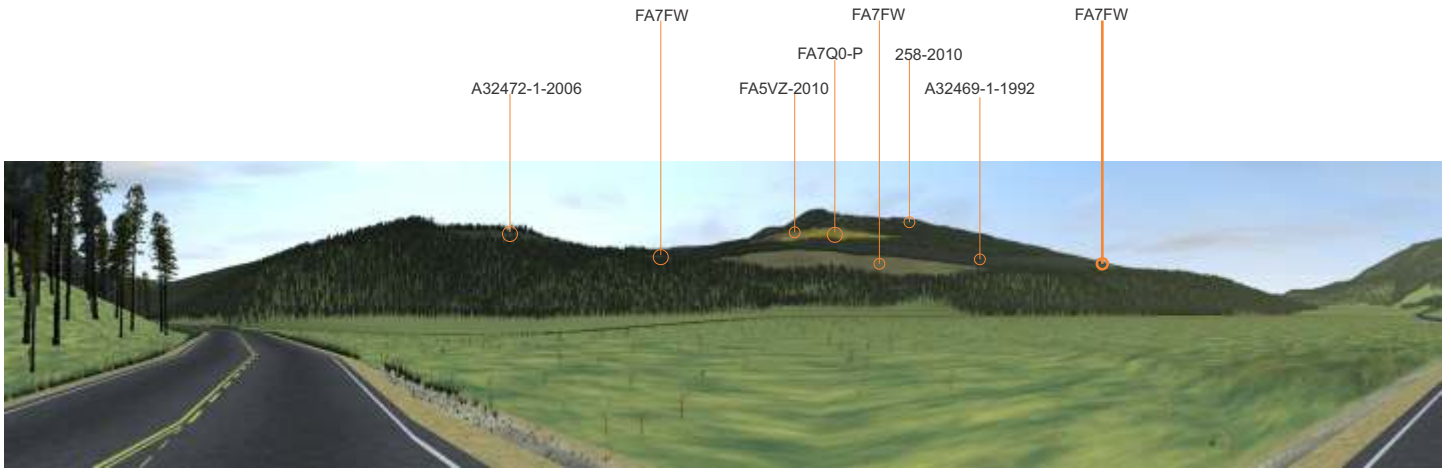
RDI BCTS Fadear Mountain Visual Assessment														
TSL#	Block#	Viewpoints						Visual Impact Assessment Comments						
		1738	1740	1742	1744	1745	1752		1754					
A87895	FA7FW			*	*				FA7FW is front and centre, and moderate in scale as seen from VP 1742. Shape emulates landform character, but could use some irregularity and/or leave patches. Seen in relation to FA7Q0-pine directly above, and existing FA5VZ logged in 2010. Caution and design suggested. A suggested amendment is proposed by RDI to add 3 small patches, as shown in the key map and viewpoint images. As well, addition of WTRAs have been identified for the area. Their addition would further improve the visual influence of the block, though they are not required if the RDI patches are accepted. The WTRAs as proposed (shown on key map) have a negative visual influence on their own (cutting the block in 2 equal pieces). Block also seen in VP1739 (corner only, together with FA7Q0), and in VP1744 (good design), grouped with FA7PW and FA7FX. Scale of the group tends towards moderate, but mitigated by distance and scale of overall landform in from 1744. Percent alteration in VP 1742 is 5.12% and in VP 1744 is 3.38% - both within Partial Retention Visual Quality Class. With RDI leave patches the scale will be somewhat reduced, and further reduced with the WTRAs.					
A89908	FA7FX								FA7FX is seen in VP 1744, a tiny undulating shape in hollow. Very subordinate, seen above FA7FW, near FA7PW. OK as is.					
A89909	FA7FV								FA7FV is visible but subordinate from VP 1744, and just a dot from VP 1752. The lower east portion is seen while travelling westward towards the lake (VP 1745) and exhibits good design. The block has WTRAs but are located too low in the landscape to be seen from VPs 1744 and 1752, but would be effective (though not necessary) from VP 1745.					
A89909	FA7RP						*	*	Seen from VPs 1752 and 1754, FA7RP is moderate in scale, but has good shape, flowing down with the ridgeline. Percent alteration in VP 1752 is only 2.29%. The WTRAs indicated for the block would be very effective in breaking up the vertical dimension of the block (see related image depicting the WTRAs in full).					
A89908	FA7PV								FA7PV is NVS - OK as is.					
No TSL # assigned	FA7M2								FA7M2 NVS - OK as is. This block is not part of BCTS short term plans as harvesting it would exceed FSP cutblock size limits, as it is adjacent to FA25T.					
A89908	FA7PW								FA7PW is subordinate, shape emulates ridgeline. Block is part of FA7FW/FA7Q0/FA7PW array, and is located near ridge top. OK as is.					
A89895	FA2PX PL								FA2PX - pine is seen as a very small opening on the ridgeline from VPs 1738 and 1744 - OK as is.					
A89895	FA7PY PL								FA7PY PL is NVS. OK as is.					
A89895	FA7PZ PL								FA7PY - pine is only seen as a pinpoint on the ridgeline from VP 1744 - OK as is.					
A87895	FA7Q0 PL								FA7Q0 pine is subordinate, seen from VPs 1738, 1742, and 1744, above FA7FW and directly adjacent to an existing harvested block (FA5VZ - 2010). Distance is a mitigating factor from VP 1738, and view angle from VP 1744 (a somewhat narrow sliver along the ridge). Though clearly seen from VP 1742, shape is good, emulating the ridgeline. With total percent alteration at 5%, mainly from FA7FW (prior to RDI leave patches), overall scale is within Partial Retention. Some leave trees would break it up a bit, but only if possible.					
A60717 - sold	FA25T								FA25T - very minor in VP 1744 view. OK as is (sold).					
A60716 - sold	FA25S								FA25S has good design - appears as a ridgeline sliver from VPs 1740, 1744, 1745 and 1754, and as a small point opening from VPs 1738 and 1752. OK as is (sold).					
<p>Legend 1</p> <table border="1"> <tr> <td>Visible from Viewpoint</td> <td></td> </tr> <tr> <td>Not visually sensitive (NVS)</td> <td></td> </tr> <tr> <td>Design consideration</td> <td>*</td> </tr> </table>									Visible from Viewpoint		Not visually sensitive (NVS)		Design consideration	*
Visible from Viewpoint														
Not visually sensitive (NVS)														
Design consideration	*													
* WTRAs may change at field layout and management decision														



Viewpoint 1738



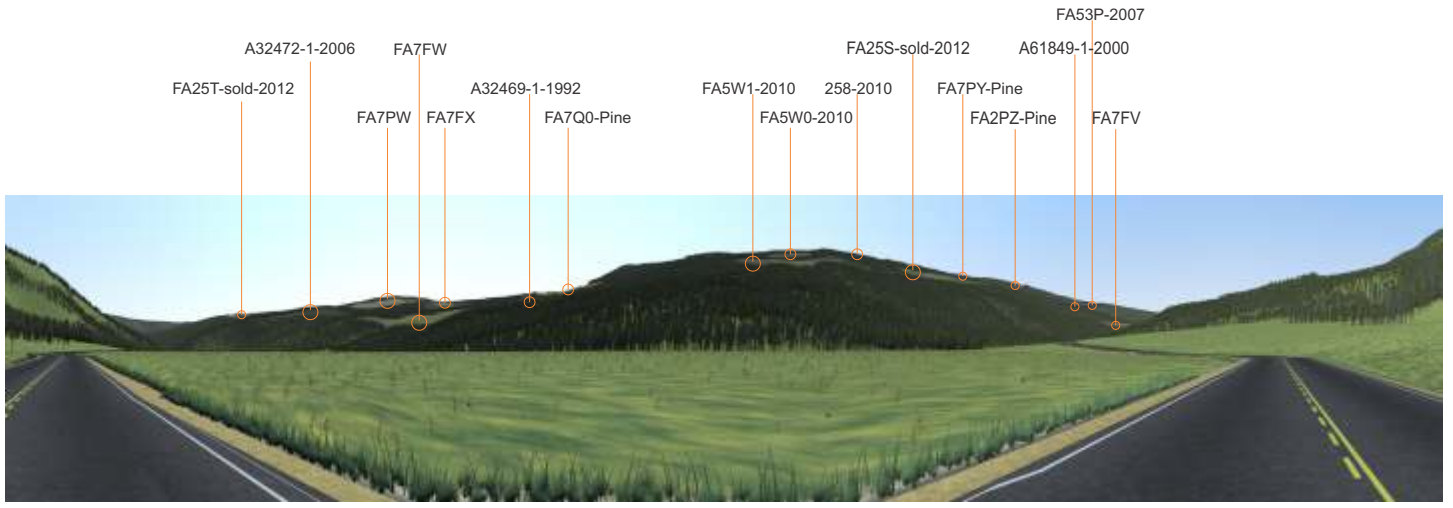
Viewpoint 1740



- Visual force line (convexity)
- Visual force line (concavity)

FEATURE TY	GEOMETRY A
FA5VZ-2010	491.4027077
FA5W0-2010	48.7844698
FA7FW-1	8089.820282
FA7FW-2	150.4165369
FA7FW-3	47.03435422
FA7Q0-Pine	1370.553632
VSU	199078.7724
Sum Alt.	10198.01198
Percent Alt.	5.12%

Viewpoint 1742



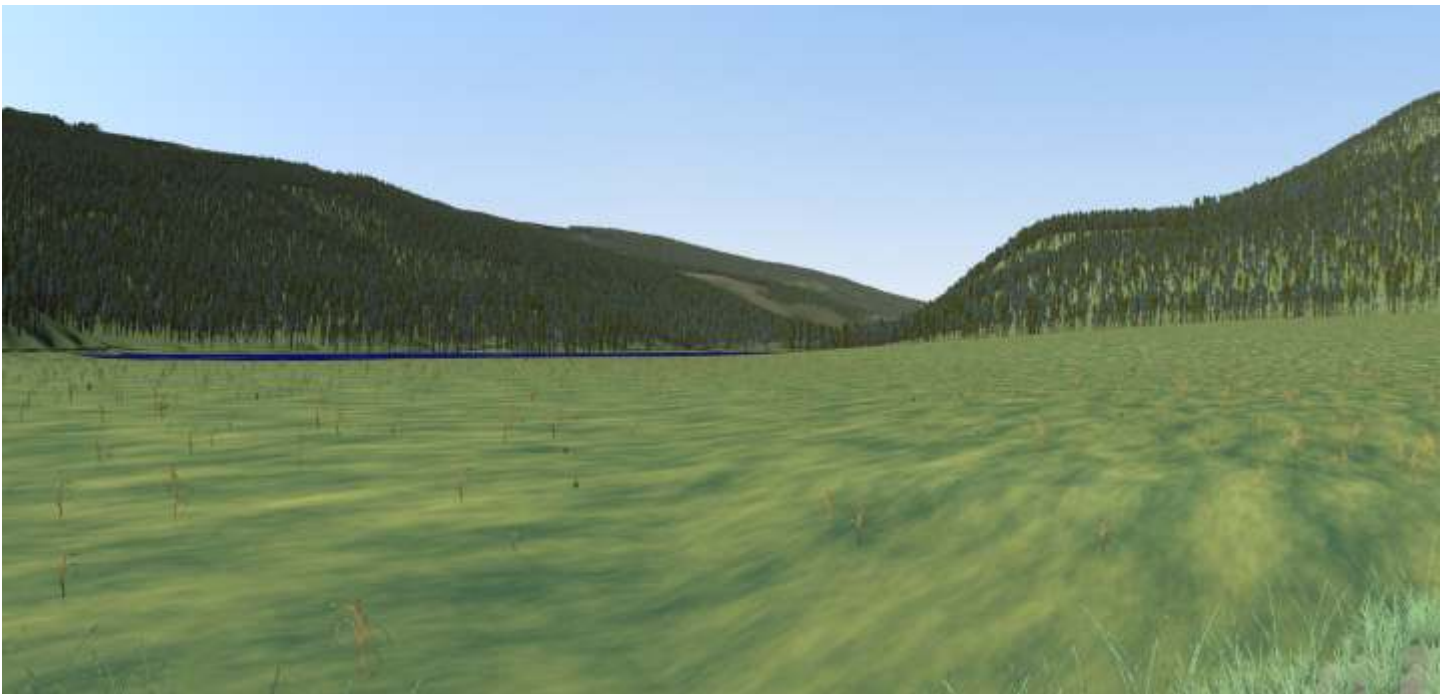
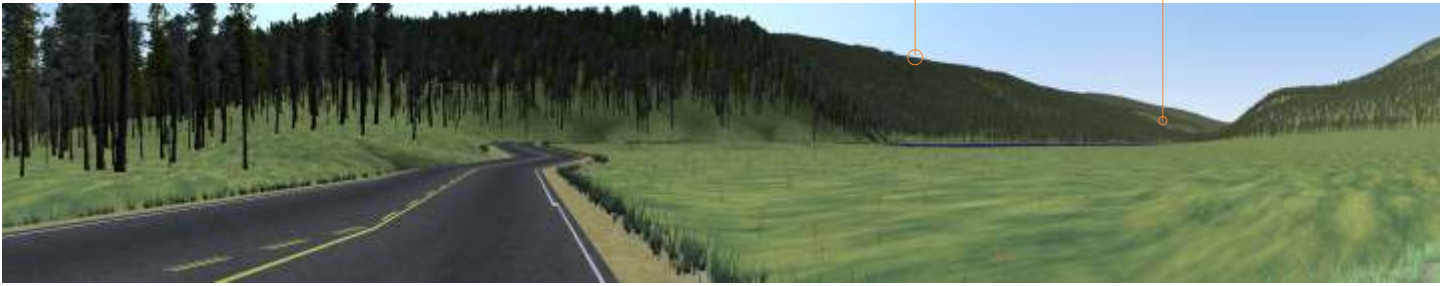
- Visual force line (convexity)
- Visual force line (concavity)

FEATURE	AREA
VSU	155186.1
FA25T-Sold	131.922
FA7PW	756.4
FA7FX	278.373
FA7FW	1610.071
FA7Q0-Pine	385.397
FA5W0 2010	163.776
FA5W1 2010	727.978
FA25S-Sold	693.431
FA2PZ-Pine	16.031
FA7FV	237.443
Sum	5100.882 ↓
Percent Alt.	3.287

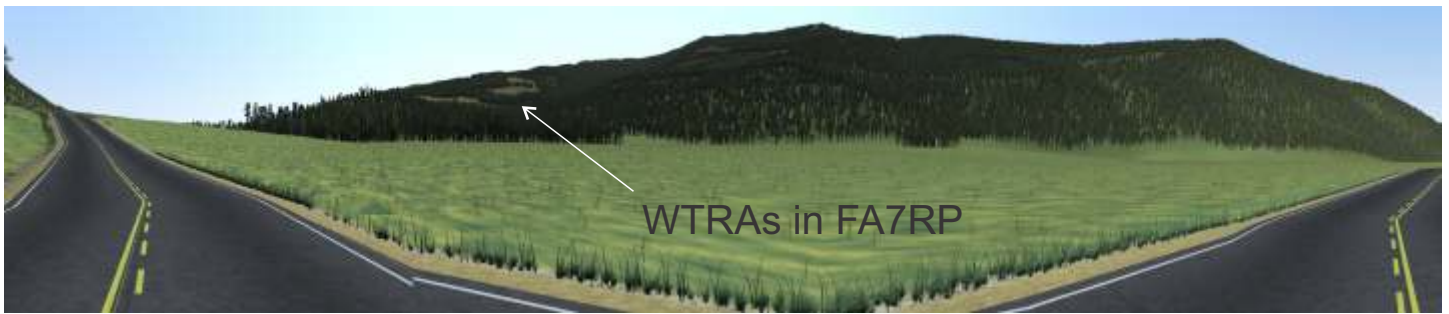
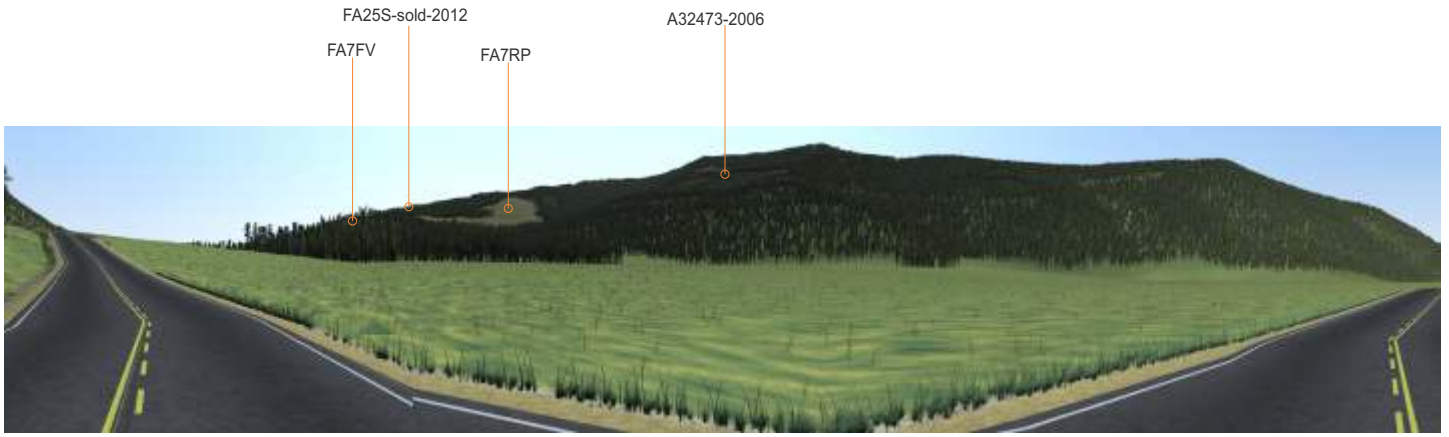
Viewpoint 1744

FA25S-sold-2012

FA7FV



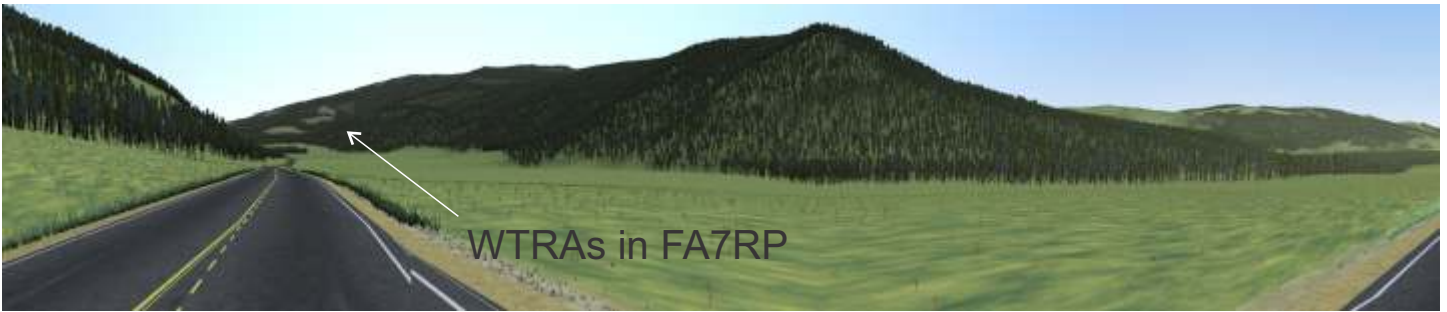
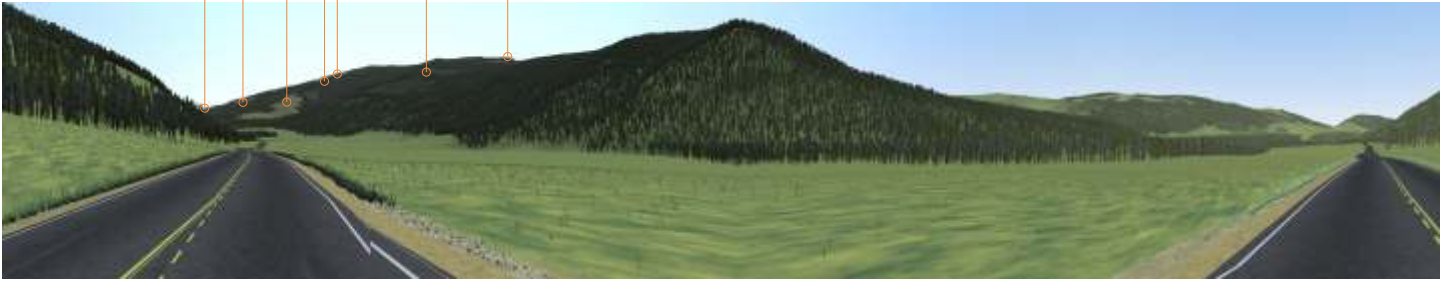
Viewpoint 1745



Feature	Area (units ²)
FA7FV	87.8
FA7RP	3211.2
A32473-2006	341.6
VSU	255241.5
Sum Alt.	3640.6
% Alt.	1.43

Viewpoint 1752

FA25S-sold-2012
FA5W1-2010
FA7RP
FA7PY
A32479-1-2006
A61849-1-2000
A66424-1-2001
A32473-1-2006
FA53P-2007



Viewpoint 1754