BCTS TA0648 Wilkins W19QC
Visual Assessment
RDI Resource Design Inc
July 30, 2019

TA0648_WI9QC_Block_Shape
ChesVPs
BlueRiverRoads
WI9QC_Roads
PI7SA
Jeep_Road
TA0132_Roads
Mud_RIver_East
Mud_River_West

TRIM_Transportation

- TRIM_Transportation
- TA0132_WTRA's
- TA0132_Block_Shapes
- VLI_Polygo_930M
- Mud-1718t
- HWY5
- Mud_Lake
- RDI_TRIM_watercourse
- SkiRuns

Cascades_Scenic_Areas

REC_EVQO_CODE

- <Null>
- M
- PR

N
W
E
S

Contents

RDI Resource Design Inc conducted this Visual Assessment for BCTS Kamloops Business Area under contract PD18TEB007. The project was specified by Ches Clem, RPF, Planning Forester, for TA0648 cutblock W19QC. The cutblock is located within Visual Landscape Inventory (VLI) Polygon 850 which has an established Visual Quality Objective (VQO)of Modification. RDI designated the Visual Sensitivity Unit as Landform #4 in its January 20, 2018 Visual Assessment for Peddie-Wilkins-Mud Lake. RDI removed the height of land (Ptarmigan Mtn. from Landform 4 as there were gaps in visibility between the front hills and the peak itself. The landform contains existing cutblocks P17SA, MU93W, and W18VR. A small hill to the west of the river near Highway 5 is within VLI Polygon 849 which has a Modification VQO. This unit was designed by RDI as Landform 5 containing existing cutblock PE7TC. All cutblocks were added to the ArcGIS map and simulated using Visual Nature Studio.

Viewpoint and photography were offered, and provided by, Ches Clem. He located 5 viewpoints which were utilized in the visual assessment by RDI. The stops included Blue River (#1 Petro Canada Station), #2 Highway Pull-out, #3 and #4 views from Highway 5 across wetlands, and #5 adjacent to W19QC.

Cutblock W19QC is expected to be a well-designed, small entry in Landform 4, located above the large older opening which exhibits Visually Effective Greenup (VEG) at 8.5m as indicated in the Vegetation Resource Inventory (VRI). Existing cutblock P17SA is revealed as a series of very small openings to the north of W19QC. Cutblocks MU93W and W18VR are not seen from the viewpoints (NVS). W19QC and P17SA together easily meet a Partial Retention VQO. Visual Force Analysis utilized the landform boundaries as seen from each viewpoint to assess the compatibility of cutblock design.

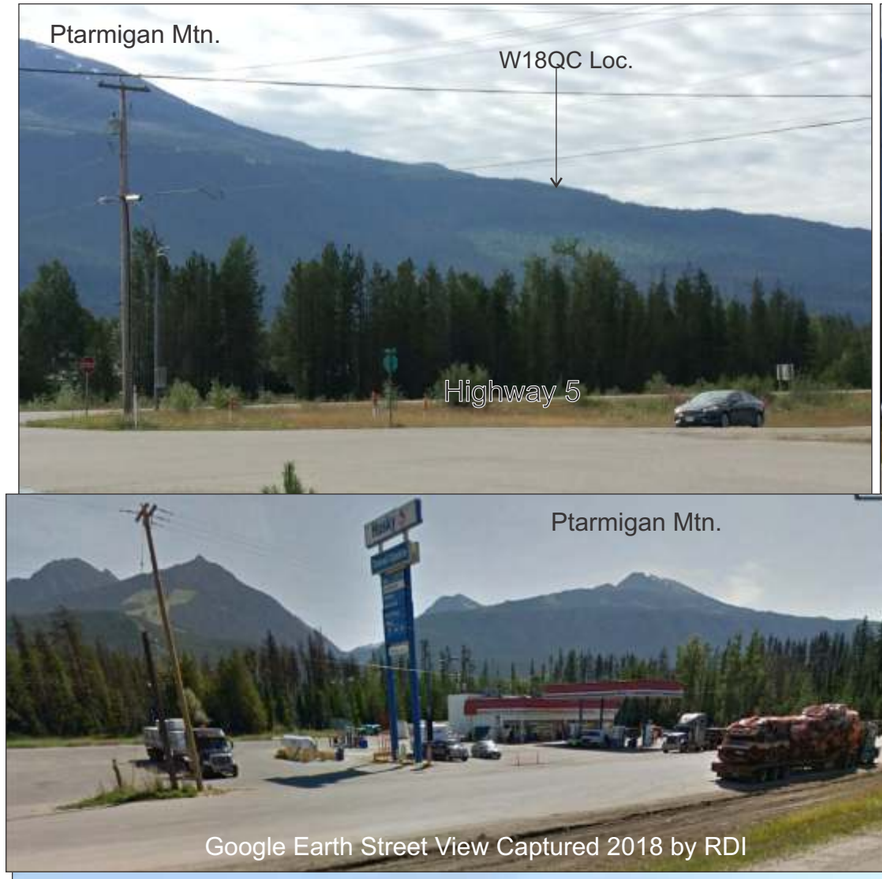
A glimpse of PE7TC, situated in Landform 5, is seen from Viewpoint #4.

The table below indicates the Percent Alteration calculation from each viewpoint.

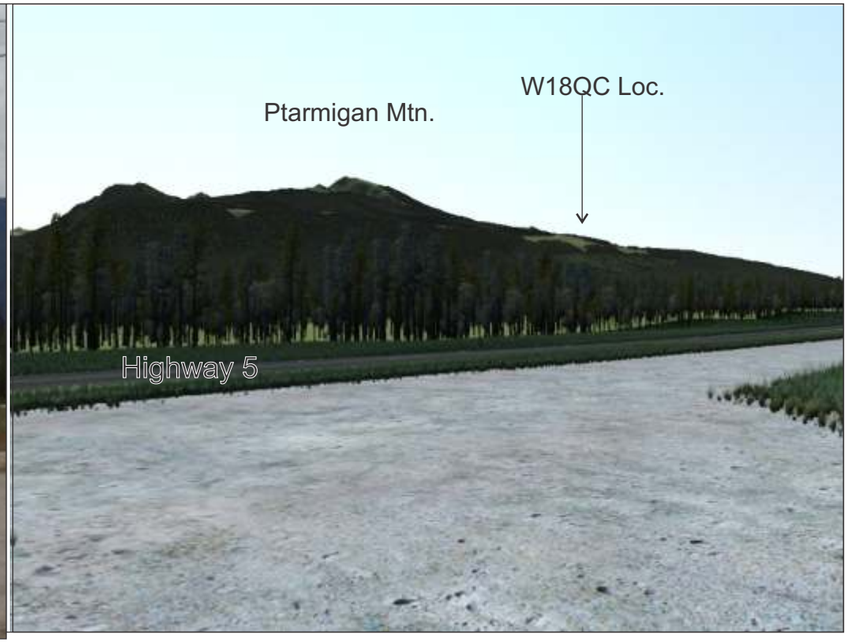
Percent Alteration by Landform and Viewpoint		
Viewpoint	**Landform #4**	**Landform #5**
#1	2.15%	NVS
#2	1.48%	NVS
#3	0.78%	NVS
#4	1.05%	2.90%
#5	0.94%	NVS

As revealed on subsequent pages of this report, the established VQO of Modification can be easily achieved from all 5 viewpoints. In fact, the results range from Retention to Partial Retention Visual Quality Classes in Landform 4 and Partial Retention in Landform 5.

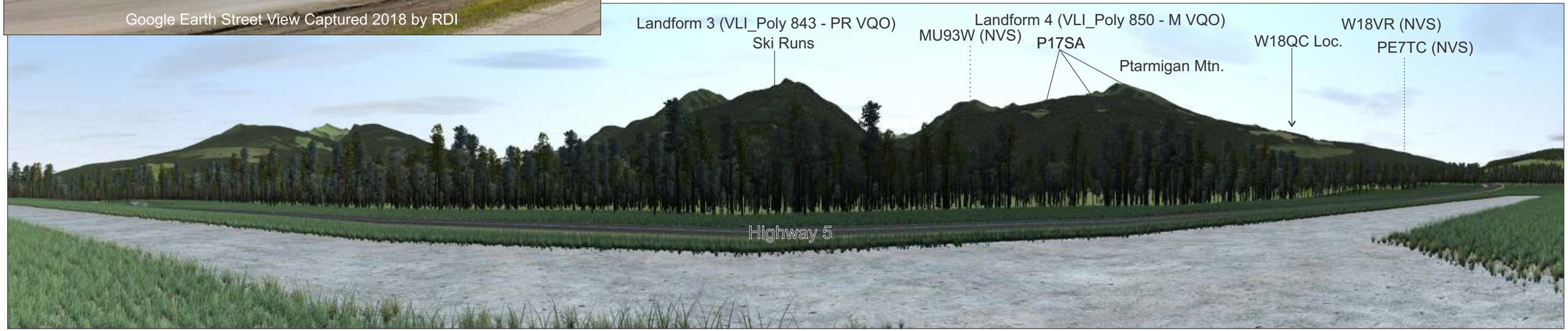
Dr. Kenneth B. Fairhurst, PhD, RPF
RDI Resource Design Inc
July 30, 2019



Photos by Ches Clem July25, 2019

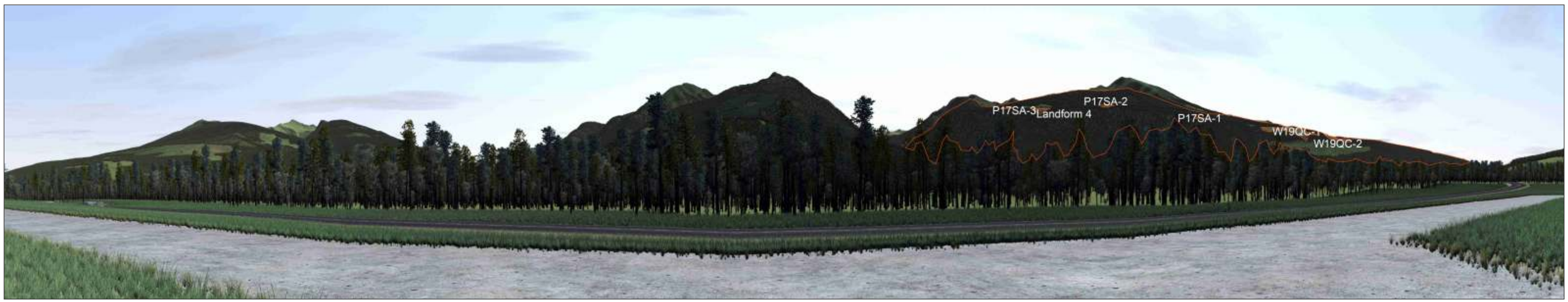


Visual Simulation by RDI - 60 deg. FOV / 30mm lens



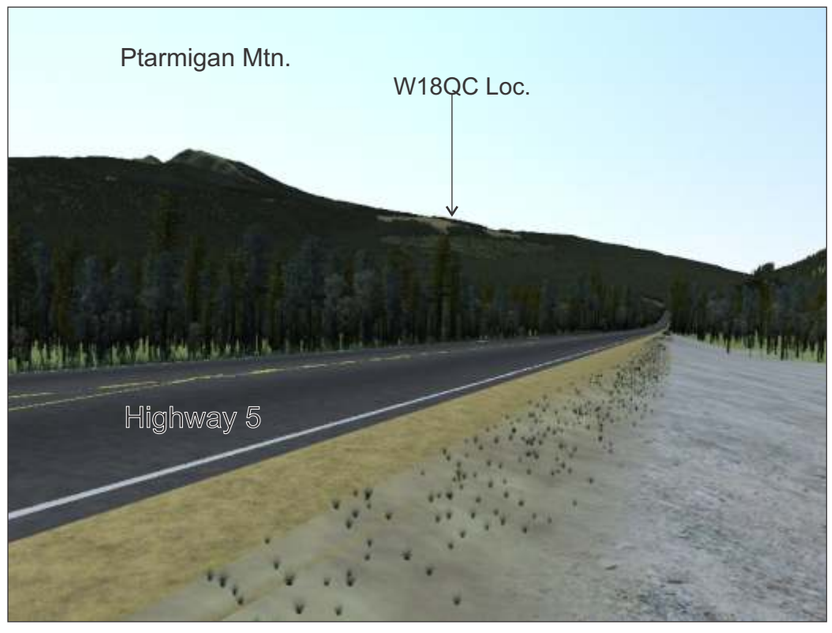
Visual Simulation by RDI - multiple 40 deg. FOV / 48mm lens Composite

#1 Petro-Canada Station Viewpoint



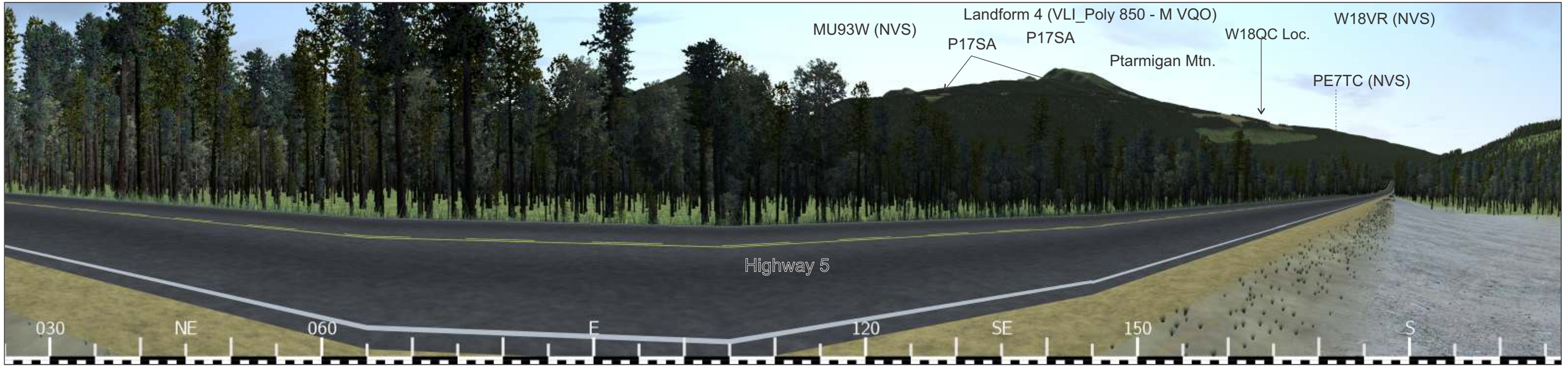
Percent Alteration Viewpoint #1		
NAME	**AREA2**	**% Alt.**
Landform 4	166098.75	
W19QC-1	2150.09	1.29%
W19QC-2	513.43	0.31%
P17SA-1	123.66	0.07%
P17SA-2	190.64	0.11%
P17SA-3	520.09	0.31%
P17SA-4	75.48	0.05%
Sum Alt.	3573.38	**2.15%**

#1 Petro-Canada Station Viewpoint - Percent Alteration



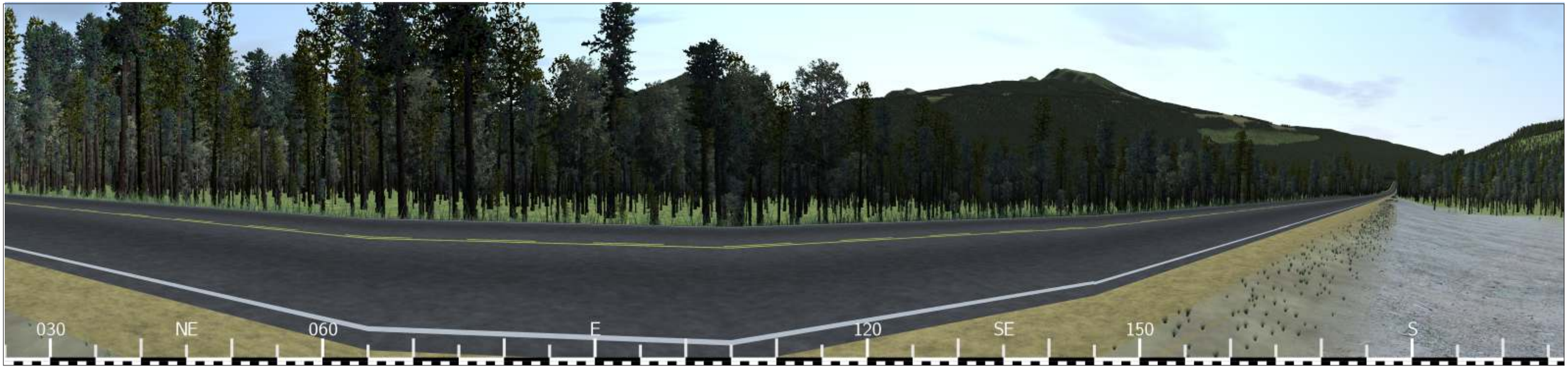
Photos by Ches Clem July 25, 2019

Visual Simulation by RDI - 60 deg. FOV / 30mm lens



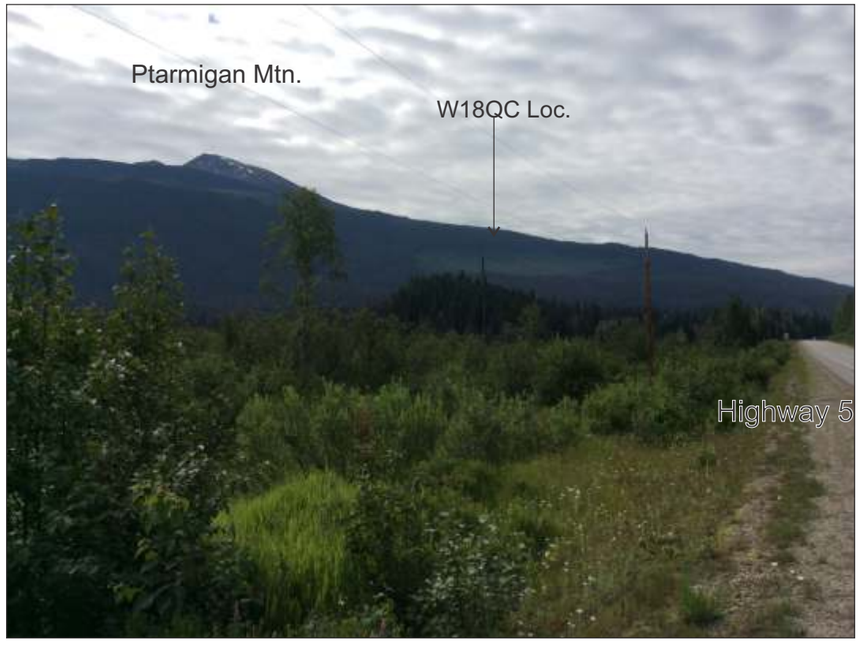
Visual Simulation by RDI - multiple 40 deg. FOV / 48mm lens Composite

#2 Highway Pullout Viewpoint



Percent Alteration Viewpoint #2		
NAME	**AREA2**	**% Alt**
Landform 4	265820.45	
W19QC-1	2337.06	0.88%
W19QC-2	726.56	0.27%
P17SA-1	103.93	0.04%
P17SA-2	82.13	0.03%
P17SA-3	681.37	0.26%
Sum Alt.	3931.04	**1.48%**

#2 Highway Pullout Viewpoint - Percent Alteration

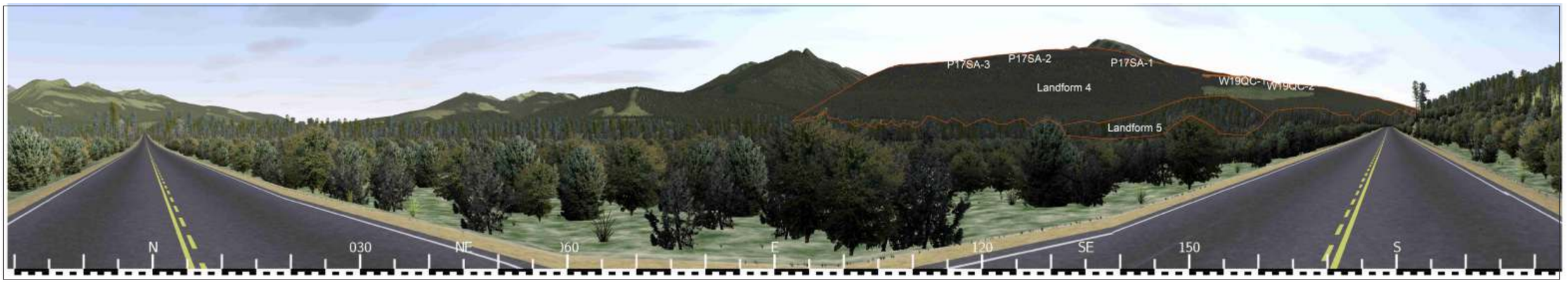


Photos by Ches Clem July 25, 2019

Visual Simulation by RDI - 60 deg. FOV / 30mm lens

Visual Simulation by RDI - multiple 40 deg. FOV / 48mm lens Composite

#3 Wetland Viewpoint



Percent Alteration VP #3		
NAME	**AREA2**	**% Alt.**
Landform 4	257875.80	
W19QC-1	1135.15	0.44%
W19QC-2	471.68	0.18%
P17SA-1	117.46	0.05%
P17SA-2	48.87	0.02%
P17SA-3	226.20	0.09%
Sum Alt L4	1999.36	**0.78%**
Landform 5	45196.28	
Sum Alt L5	0.00	**0.00%**

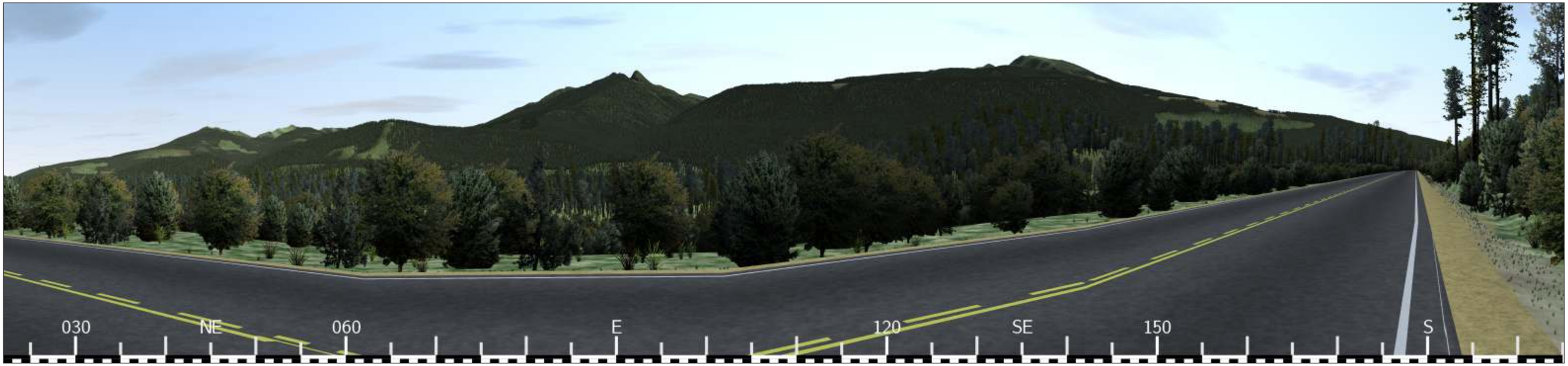
#3 Wetland Viewpoint - Percent Alteration

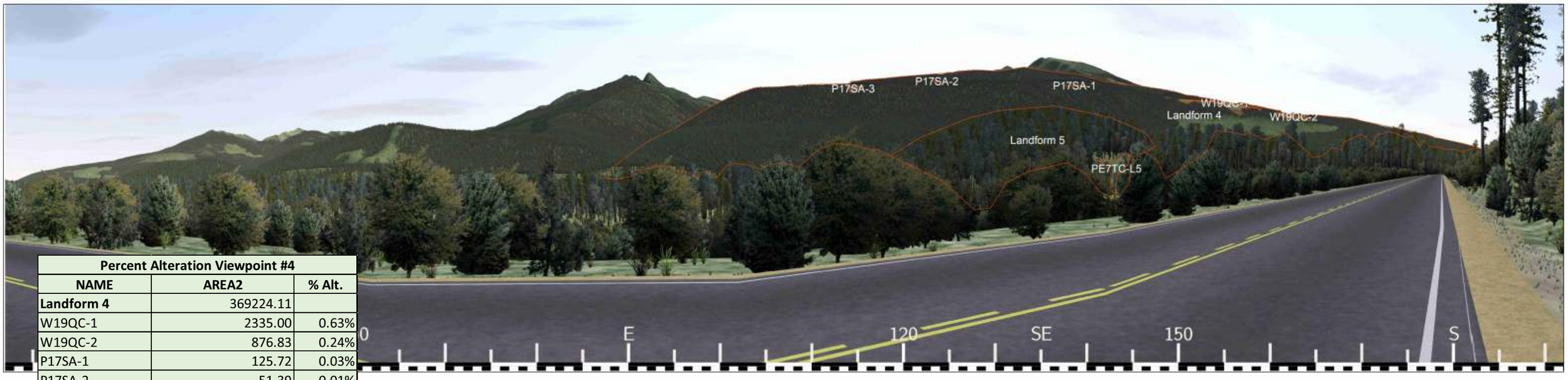
Photos by Ches Clem July 25, 2019

Visual Simulation by RDI - 60 deg. FOV / 30mm lens

Visual Simulation by RDI - multiple 40 deg. FOV / 48mm lens Composite

#4 Wetland Viewpoint

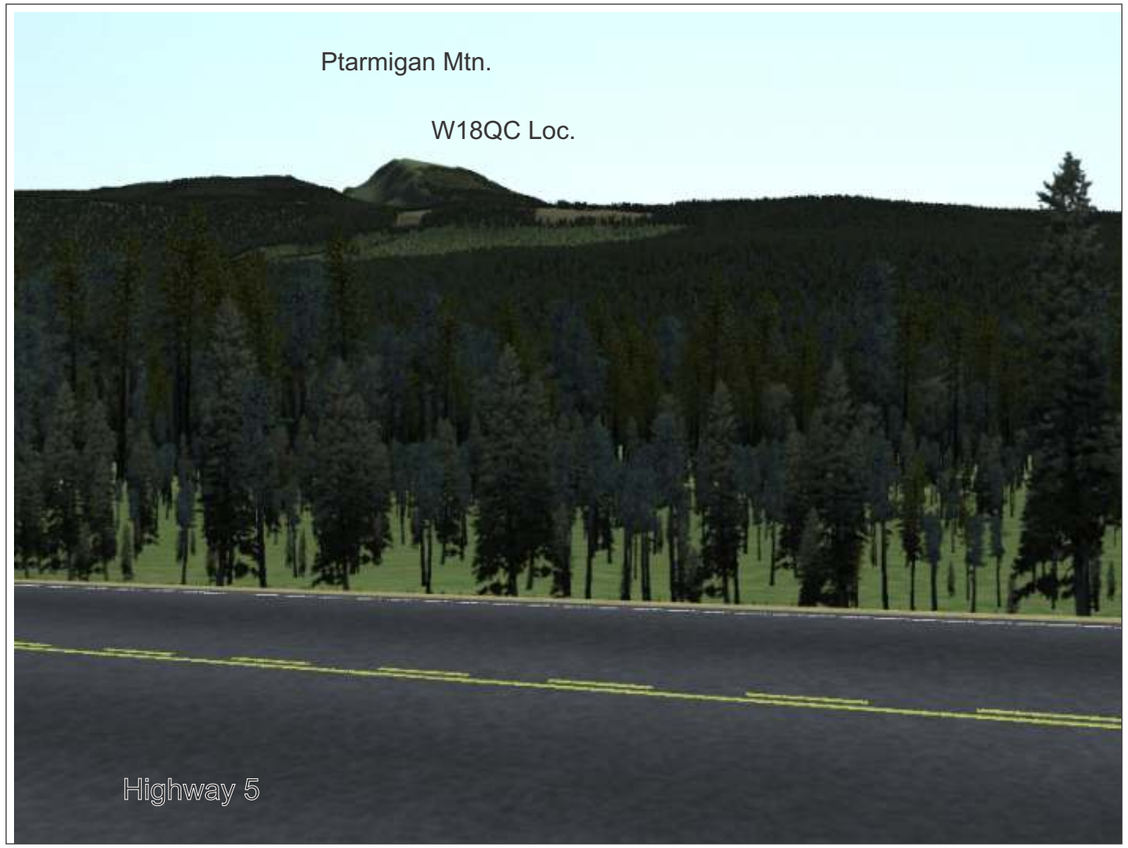




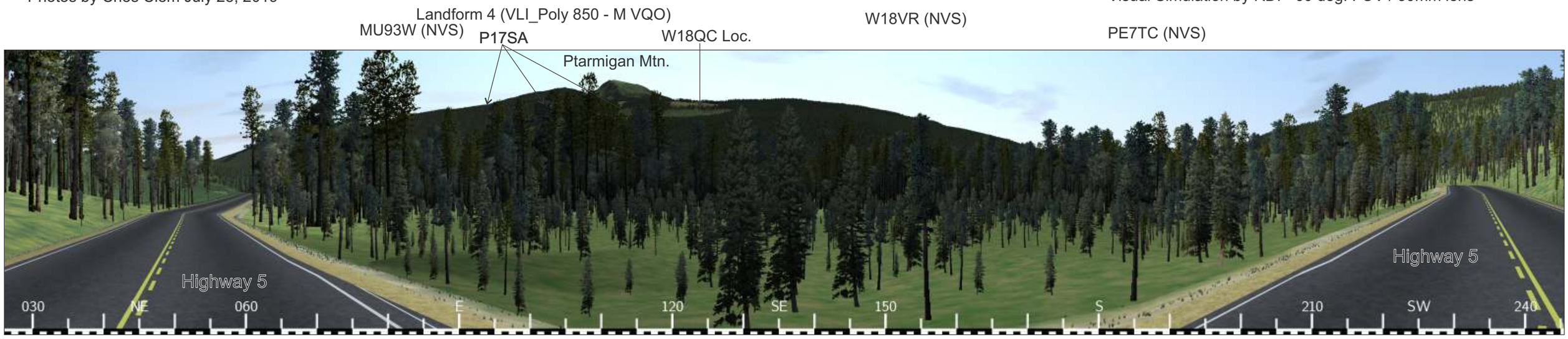
Percent Alteration Viewpoint #4		
NAME	**AREA2**	**% Alt.**
Landform 4	369224.11	
W19QC-1	2335.00	0.63%
W19QC-2	876.83	0.24%
P17SA-1	125.72	0.03%
P17SA-2	51.39	0.01%
P17SA-3	496.91	0.13%
Sum Alt. L4	3885.85	**1.05%**
Landform 5	147729.29	
PE7TC-L5	4285.03	2.90%
Sum Alt. L5	4285.03	**2.90%**

#4 Wetland Viewpoint - Percent Alteration

Photos by Ches Clem July 25, 2019

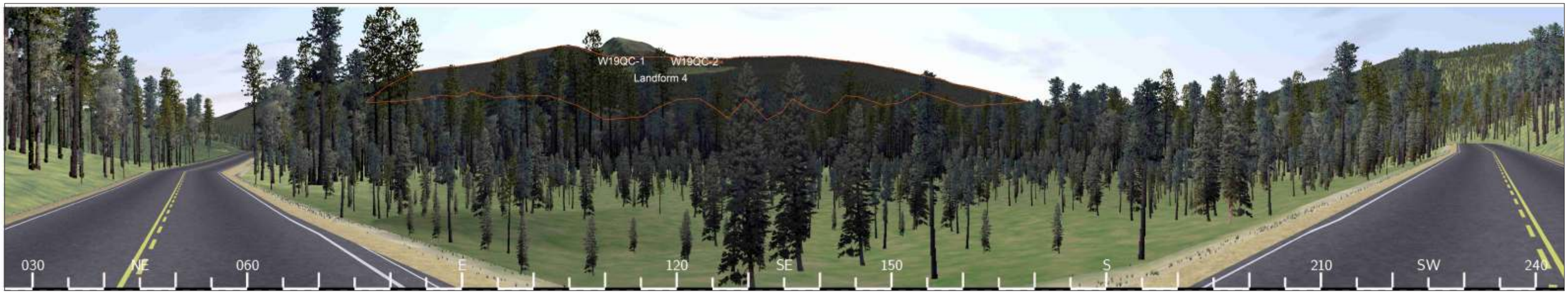


Visual Simulation by RDI - 60 deg. FOV / 30mm lens



Visual Simulation by RDI - multiple 40 deg. FOV / 48mm lens Composite

#5 Highway Viewpoint - Adjacent to Cutblock



Percent Alteration Viewpoint #5		
NAME	**AREA2**	**% Alt.**
Landform 4	247727.35	
W19QC-1	491.87	0.20%
W19QC-2	1842.90	0.74%
Sum Alt.	2334.77	**0.94%**

#5 Highway Viewpoint - Adjacent to Cutblock - Percent Alteration