



## APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



*Photograph D1-45: PC-9 km 35+690*

**Date:** September 7, 2017

**Photo Number:** 024

**Description:** View of the culvert inlet. In good condition.



*Photograph D1-46: PC-9 km 35+690*

**Date:** September 7, 2017

**Photo Number:** 025

**Description:** View of the culvert outlet. In good condition.





## APPENDIX D1

### CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



*Photograph D1-47: PC-10 km 36+865*

**Date:** September 7, 2017

**Photo Number:** 020

**Description:** View of the culvert inlet. In good condition.



*Photograph D1-48: PC-10 km 36+865*

**Date:** September 7, 2017

**Photo Number:** 021

**Description:** View of the culvert outlet. The outlet is partially buried.



## APPENDIX D1

### CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



*Photograph D1-49: PC-11 km 39+552*

**Date:** September 7, 2017

**Photo Number:** 018

**Description:** View of the culvert inlet. The inlet is too high and water is flowing underneath.



*Photograph D1-50: PC-11 km 39+552*

**Date:** September 7, 2017

**Photo Number:** 019

**Description:** View of the culvert outlet. In good condition, almost submerged.





## APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



*Photograph D1-51: PC-12 km 41+300*

**Date:** September 7, 2017

**Photo Number:** 014

**Description:** View of the culvert inlet. In good condition, almost submerged.



*Photograph D1-52: PC-12 km 41+300*

**Date:** September 7, 2017

**Photo Number:** 015

**Description:** View of the culvert outlet. In good condition, almost submerged.





## APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



*Photograph D1-53: PC-16 km 41+300*

**Date:** September 8, 2017

**Photo Number:** 135

**Description:** View of the culvert inlet. In good condition. Outlet is buried (no photo) and must be cleaned.



*Photograph D1-54: R-14 km 67+840*

**Date:** September 8, 2017

**Photo Number:** 146

**Description:** View of the inlet culverts. Middle and northern culverts are collapsed inside (hole in the middle). Expected to continue performing well.



## APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



*Photograph D1-55: R-14 km 67+840*

**Date:** September 8, 2017

**Photo Number:** 147

**Description:** View of the outlet culverts. The middle and northern culverts show small signs of erosion at the outlet and these culverts are collapsed inside (hole in the middle). Expected to continue performing well.



*Photograph D1-56: R-17 km 77+440*

**Date:** September 8, 2017

**Photo Number:** 158

**Description:** View of the culvert inlet. In good condition.





## APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



*Photograph D1-57: R-17 km 77+440*

**Date:** September 8, 2017

**Photo Number:** 159

**Description:** View of the culvert outlet. In good condition.



*Photograph D1-58: R-18A km 80+950*

**Date:** September 8, 2017

**Photo Number:** 165

**Description:** View of the culverts inlet. In good condition. The southern culvert inlet is partially buried.



## APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG

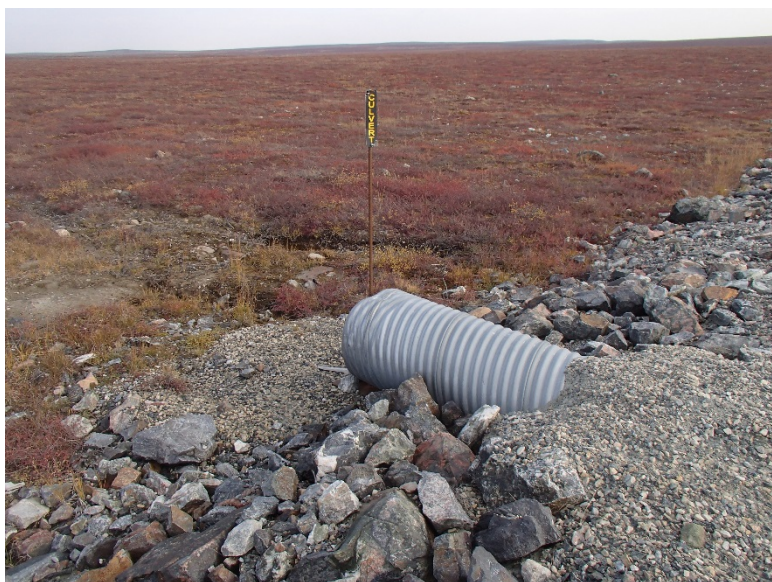


*Photograph D1-59: R-18A km 80+950*

**Date:** September 8, 2017

**Photo Number:** 164

**Description:** View of the culverts outlet. In good condition.



*Photograph D1-60: R-18B km 80+950*

**Date:** September 8, 2017

**Photo Number:** 167

**Description:** View of the culverts inlet. In good condition, installed above the ground surface.





## APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



*Photograph D1-61: R-18B km 80+950*

**Date:** September 8, 2017

**Photo Number:** 166

**Description:** View of the culverts outlet. In good condition, installed above the ground surface.



*Photograph D1-62: R-20 km 85+490*

**Date:** September 8, 2017

**Photo Number:** 172

**Description:** View of the culvert inlet. The middle of the culvert is slightly collapsed. The inlet is installed above the ground surface and water flows beneath the culvert. The culvert is in stable condition.



## APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



*Photograph D1-63: R-20 km 85+490*

**Date:** September 8, 2017

**Photo Number:** 173

**Description:** View of the culvert outlet. Outlet is a little bit twisted. The middle of the culvert is slightly collapsed. Water flows beneath the culvert. The culvert is in stable condition.



*Photograph D1-64: R-21 km 87+300*

**Date:** September 8, 2017

**Photo Number:** 174

**Description:** View of the culverts inlet. Both culverts are slightly collapsed in the middle. In stable condition, but should have been installed lower to avoid erosion issue.





## APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



*Photograph D1-65: R-21 km 87+300*

**Date:** September 8, 2017

**Photo Number:** 175

**Description:** View of the culverts outlet. Both culverts are slightly collapsed in the middle. In stable condition, but should have been installed lower to avoid erosion issue.



*Photograph D1-66: R-23 km 93+600*

**Date:** September 8, 2017

**Photo Number:** 180

**Description:** View of the culvert inlet. The culvert is installed too high and there is a low flow of water through the road rockfill. In good condition.



## APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



*Photograph D1-67: R-23 km 93+600*

**Date:** September 8, 2017

**Photo Number:** 181

**Description:** View of the culvert outlet. The culvert is installed too high and there is a low flow of water through the road rockfill. In good condition.



*Photograph D1-68: R-24 km 98+100*

**Date:** September 8, 2017

**Photo Number:** 183

**Description:** View of the culverts inlet. South inlet is installed too high. Both culverts show deformation in the upper part.





## APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



*Photograph D1-69: R-24 km 98+100*

**Date:** September 8, 2017

**Photo Number:** 182

**Description:** View of the culverts outlet. Both outlets are installed too high. The outlet of the southern culvert (left) shows signs of erosion. Both culverts show deformation in the upper part.



*Photograph D1-70: R-25 km 101+950*

**Date:** September 8, 2017

**Photo Number:** 189

**Description:** View of the culverts inlet. In good condition.



## APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



*Photograph D1-71: R-25 km 101+950*

**Date:** September 8, 2017

**Photo Number:** 190

**Description:** View of the culverts outlet. In good condition.



*Photograph D1-72: R-26 km 104+400*

**Date:** September 8, 2017

**Photo Number:** 191

**Description:** View of the culverts outlet. In good condition.





## APPENDIX D1 CULVERTS ALONG AWPR PHOTOGRAPHIC LOG



*Photograph D1-73: R-26 km 104+400*

**Date:** September 8, 2017

**Photo Number:** 192

**Description:** View of the culverts inlet. In good condition. In good condition.

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# **APPENDIX D2**

## **Bridges Along AWPR Photographic Log**





## APPENDIX D2 BRIDGES ALONG AWPR PHOTOGRAPHIC LOG



*Photograph D2-1 Bridges 1 – R02 km 8+750*

**Date:** September 7, 2017

**Photo Number:** 077

**Description:** Looking at the north abutment from downstream.



*Photograph D2-2 Bridges 1 – R02 km 8+750*

**Date:** September 7, 2017

**Photo Number:** 078

**Description:** Looking at the south abutment from downstream.