



Photo 17: M-5 Bridge



Photo 18: M-5 Bridge—North Abutment.



Photo 19: M-5 Bridge—Gabion North Abutment



Photo 20: M-5 Bridge—Geotextile exposed at north abutment .



Photo 21: Culvert km 12.1



Photo 22: Culvert km 13.5



Photo 23: Culvert km 14.7



Photo 24: Culvert km 16.3



Photo 25: Culvert km 18.1



Photo 26: km 19.5 no culvert



Photo 27: No Culvert 21.2



Photo 28: No Culvert 21.2



Photo 29: Culvert 21.7



Photo 30: Culvert 22.3



Photo 31: No Culvert km 22.7



Photo 32: Culvert 25.8



Photo 33: Culvert 26.2, Both inlets blocked with road fill.



Photo 34: Culvert 26.5



Photo 35: Culvert 26.8—Inlet completely blocked with road fill.



Photo 36: Culvert 26.8 - Lower culvert completely blocked with road fill.



Photo 37: Culvert 27.1



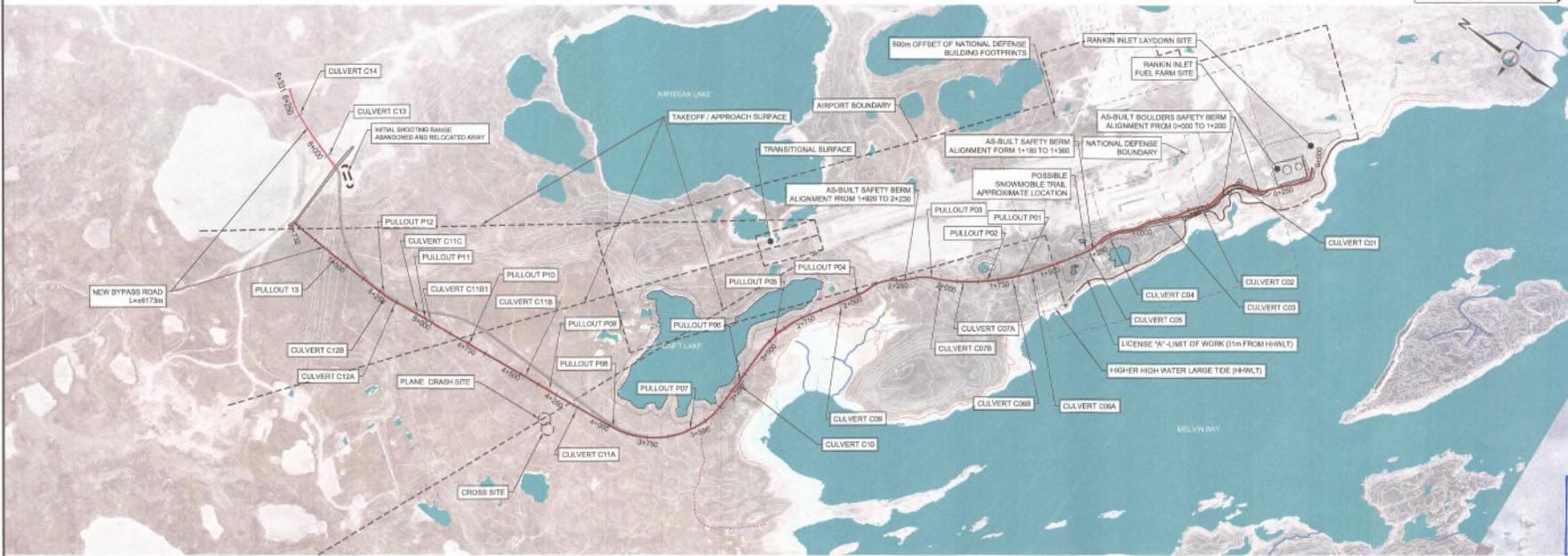
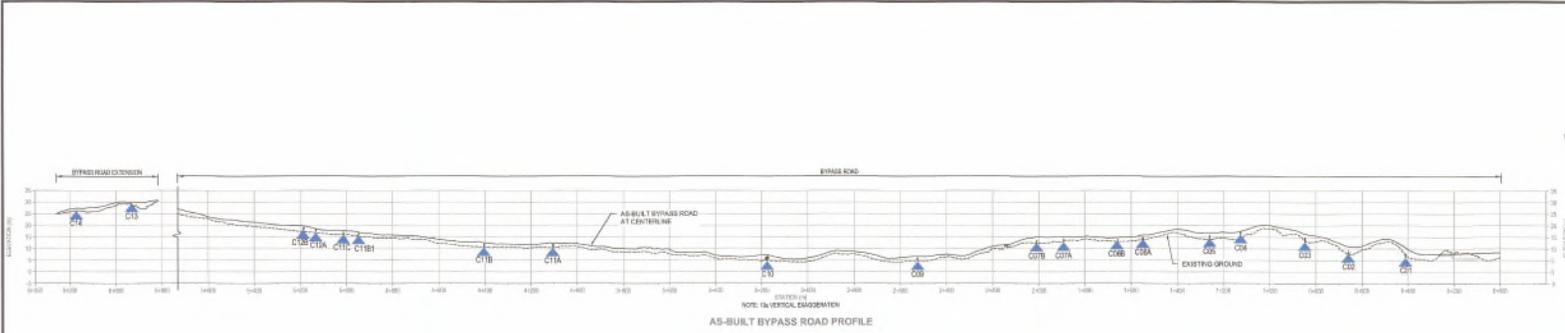
Photo 38: Culvert 29.6 - HDPE Culvert, inlet collapse approximately 25%.



Photo 39: AWAR Road, KM 29.

APPENDIX P

ITIVIA FUEL STORAGE SITE AND BYPASS ROAD



LEGEND:

- CULVERT
- BYPASS ROAD

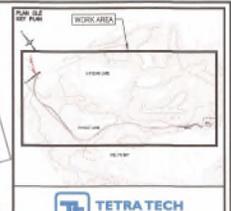
TEL QUE CONSTRUIT AS BUILT

DATE: 2019-02-13

TETRA TECH

FINAL ISSUE AFTER CONSTRUCTION

SOME ANNOTATIONS HAVE BEEN ADDED TO THE DRAWING ISSUED FOR CONSTRUCTION IN ORDER TO INCORPORATE THE INFORMATION RECEIVED IN THIS PROJECT. TETRA TECH HADT DONE ANY FIELD SUPERVISION AT THE CONSTRUCTION SITE.



TETRA TECH

NOTES GÉNÉRALES / GENERAL NOTES

- GENERAL NOTES:**
- EXISTING GROUND UNMODIFIED BY REM.
 - ALL UNITS ARE METERS.
 - ELEVATIONS IN DRAWING PROVIDE FINISHED GRADE ELEVATIONS AT THE TOP OF THE SURFACE OR GULLY LAYER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY, SECURITY AND SLOPE OF ALL EXCAVATIONS, SADDLES, AND SHALL MAKE UP ALL NECESSARY BRACKETS AND REGULATIONS. THE STABILITY, DRAINAGE AND MAINTENANCE OF ALL EXCAVATIONS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
 - GRAVELLY MATERIAL 0.30 mm OR 0.45 mm SHALL BE PLACED IN LIFTS NOT EXCEEDING 300 mm AND COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DRY DENSITY (STANDARD PROCTOR). MOISTURE CONDITIONING MAY BE REQUIRED PRIOR TO CONSTRUCTION.
 - GRAVELLY MATERIAL 0.30 mm OR 0.45 mm SHALL BE PLACED IN LIFTS NOT EXCEEDING 300 mm AND COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DRY DENSITY (STANDARD PROCTOR). MOISTURE CONDITIONING MAY BE REQUIRED PRIOR TO CONSTRUCTION.
 - OVERBURN MATERIAL CAN BE USED FOR FILL IN SPECIFIED AREAS ONLY WHEN APPROVED BY FIELD GEOTECHNICAL ENGINEER.
 - AN AS-BUILT DRAWING SHALL BE PROVIDED AFTER CONSTRUCTION.
 - THE LOCATION, ELEVATION AND LENGTH OF CULVERT STRUCTURES IS TO BE CONFIRMED ON SITE.

- NO EQUIPMENT OR MATERIAL SHALL BE STORED OR STOCKPILED WITHIN THE LIMIT OF WORK DURING CONSTRUCTION. STOCKPILES SHALL BE INSTALLED BETWEEN THE ORIGINAL GROUND AND IS UNSTABLE TO SUPPORT FILL MATERIAL CONSTRUCTION.

DESIGNS EN REFERENCE / REFERENCE DRAWINGS

NO.	TITLE / FILE	DATE
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

AGNICO EAGLE

NO.	DATE	DESCRIPTION	BY	CHKD BY
1	2017-03-17	ISSUED FOR CONSTRUCTION	JAL	JAL
2	2017-03-17	ISSUED FOR CONSTRUCTION	JAL	JAL
3	2017-03-17	ISSUED FOR CONSTRUCTION	JAL	JAL
4	2019-02-13	ISSUED FOR CONSTRUCTION	JAL	JAL

PERMIT TO PRACTICE

TETRA TECH INDUSTRIAL, INC.

DATE: 2019-02-13

HERMIT NUMBER: P 10230

TERRA Association of Professional Engineers and Technicians

AGNICO EAGLE - MELANDE DIVISION
117 - ROADS, FENCES, AND YARDS
230 - GENERAL EARTH WORKS
RANKIN INLET BYPASS ROAD
PLAN / PROFILE
GENERAL OVERVIEW

ISSUED FOR	DATE
ISSUED FOR	2017-03-17
ISSUED BY	JOSÉE ALAIRE
ISSUED FOR	2017-03-17
ISSUED BY	JOSÉE ALAIRE
SCALE	DATE
1:10000	2016-11-07
65-117-230-201	
NO. PROJECT	NO. SHEET
6515 / 28920	4 / 1



Photo 1: Culvert C01



Photo 2: Culvert C02 (note 2019 Photo)



Photo 3: Culvert C03



Photo 4: Culvert C04



Photo 5: Culvert C05



Photo 6: Culvert C06



Photo 7: Culvert C06-1 (07)



Photo 8: Culvert C07a (C08)



Photo 9: Culvert C07b (C09)



Photo 10: Culvert C09 (C10)



Photo 11: Culvert C10 (C11) on sign



Photo 12: Culvert C11a