



Reference No. 12/03/12028-F1

October 15, 2013

AECOM Canada Ltd.
189 Wyld Street Suite 103,
North Bay, Ontario P1B 1Z2

Attention: Mr. Al Rose

**Re: ADDENDUM No. 1
Final Foundation Investigation Report (FIR)
Culvert Replacement
Station 11+814 – Twp. of Dymond
GWP 5574-04-00**

Dear Sir:

Enclosed please find attached Addendum No. 1 to our final FIR report on the above noted project. Please ensure that a copy of this Addendum No. 1 is distributed to all holders of the above referenced report.

We trust the enclosed is sufficient for your present requirements. Should you have any queries, or if we could be of further assistance, please do not hesitate to contact the undersigned.

Yours very truly,

LVM | MERLEX

M.A. Merleau, P.Eng

Encl. (5)

G:\2012\12028 - PAV & FDN, Hwy 65 Tem Shores GWP 5574-04-00 5147-09-00 (AECOM)\FOUNDATION\Reports\FIDR\11+814\12028 - FIR Addendum No 1.doc

ADDENDUM No. 1 – October 15, 2013
Reference No. 12/03/12028-F1
Report dated: June 19, 2013

The Final Foundation Investigation Report (FIR) titled **Culvert Replacement, Station 11+814 – Twp. of Dymond** dated June 19, 2013 is amended by the following.

Section 4 Subsurface Summary Description is amended by the addition of a new Sub-section which is to follow Sub-section 4.1.9.:

4.1.10 Historical Subsurface Information

A Foundation Investigation was carried out by the Department of Highways in 1961 at approximately the location of the culvert at Station 11+814. This report Reference W.P. 26-61—W.J. 61-F-56 advanced a Borehole No. 1 through the right shoulder and identified the embankment fill as Rock Fill over a depth of 5.8 m (19'). This current investigation, during which 4 boreholes were advanced through the embankment, did not encounter indication of rock fill in the embankment fills. Copies of the logs for the 1961 Boreholes No. 1 and 2 along with the location plan have been included in Appendix 5 for reference purposes.

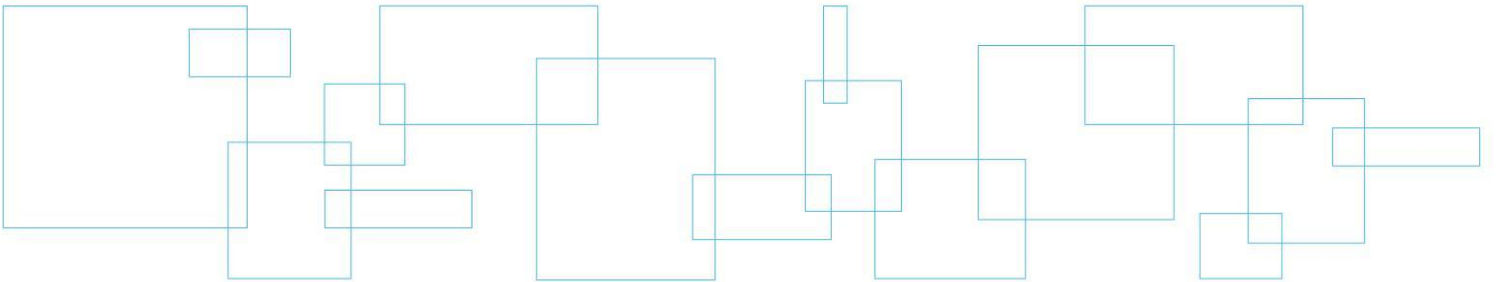
The appendices are amended by the addition of Appendix 5 Historical Data:

Borehole logs and site plan for the Historical Subsurface Information has been included in Appendix 5 Historical Data.

End of Addendum No. 1

Appendix 5 Historical Data

1961 Borehole Logs and Site Plan



DEPARTMENT OF HIGHWAYS - ONTARIO

MATERIALS AND RESEARCH SECTION

W.P. 26-61

BORE HOLE NO. 1

JOB 61-F-56

STATION 59+31 (12' R.C.)

DATUM 625.6'

COMPILED BY B.K.

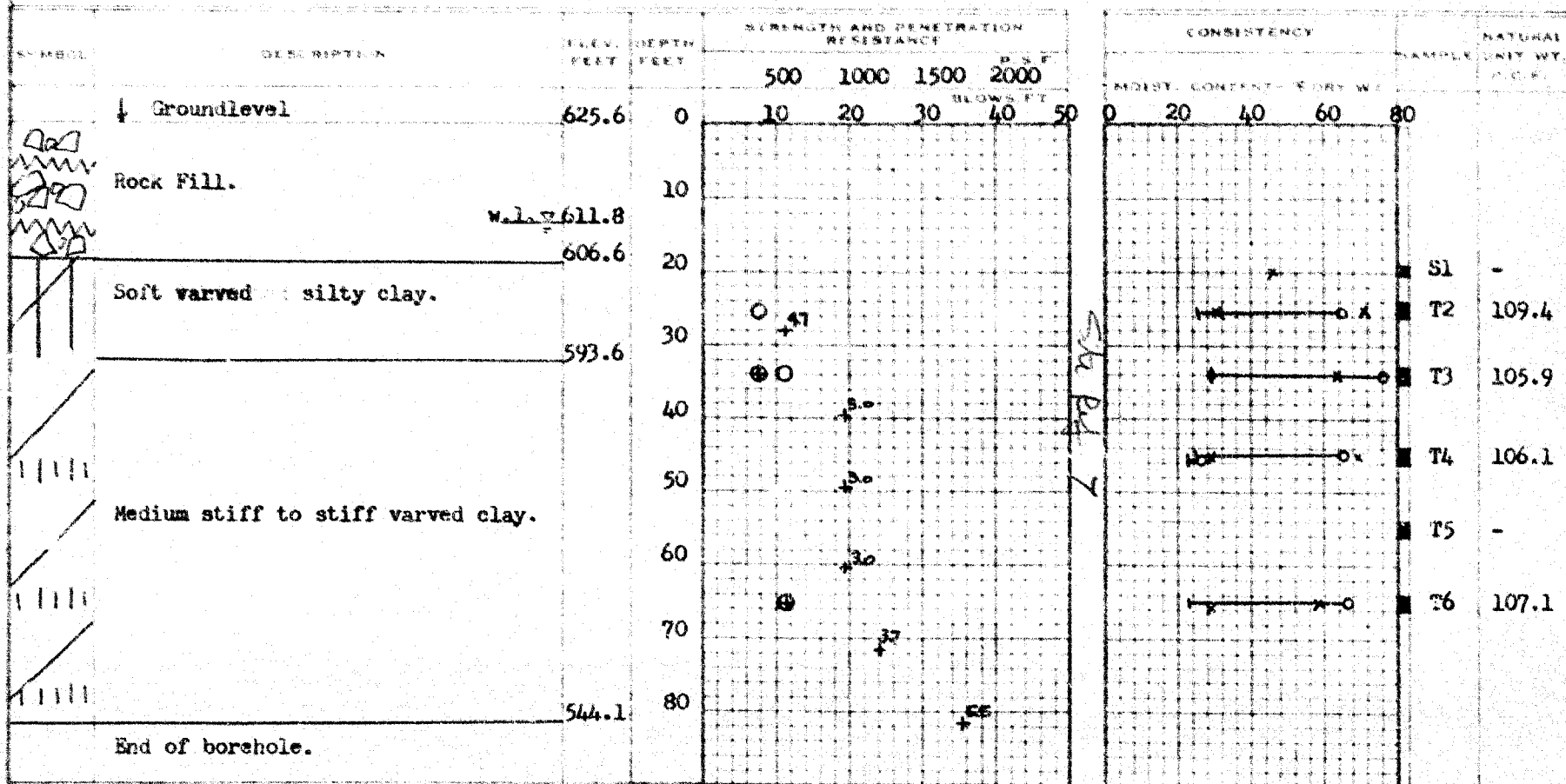
BORING DATE June 16/61

CHECKED BY R.W.K.

2" DIA. SPLIT TUBE
 2" SHELLEY TUBE
 2" SPLIT TUBE
 2" DIA. CONE
 2" SHELLEY
 CASING

LEGEND

Lab vane - - - - - ⊕
 1/2 UNCONFINED COMPRESSION (QU) - ○
 VANE TEST (C) AND SENSITIVITY (S) - +
 NATURAL MOISTURE AND LIQUIDITY INDEX - X
 LIQUID LIMIT - ○
 PLASTIC LIMIT - +



DEPARTMENT OF HIGHWAYS - ONTARIO

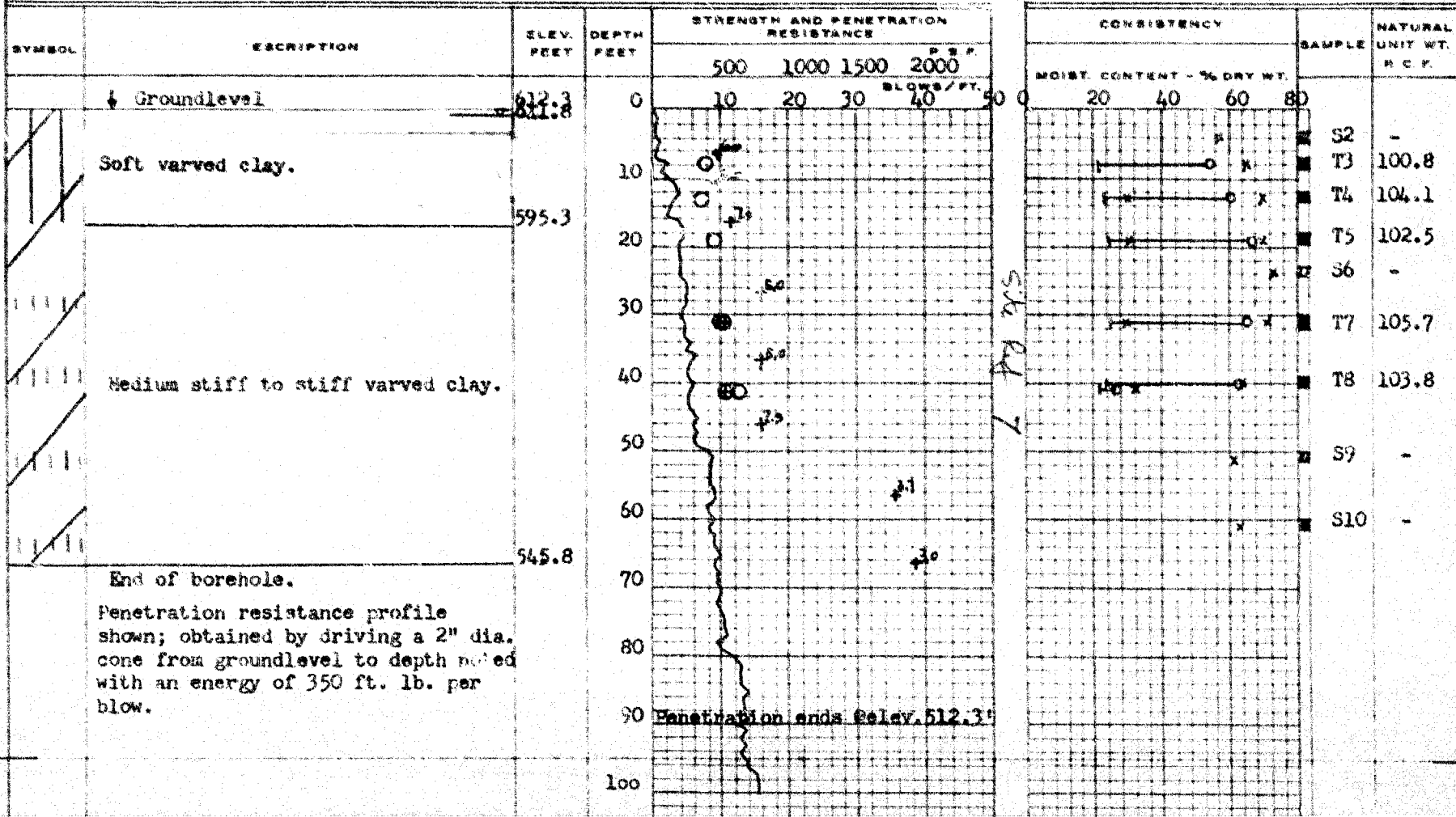
MATERIALS AND RESEARCH SECTION

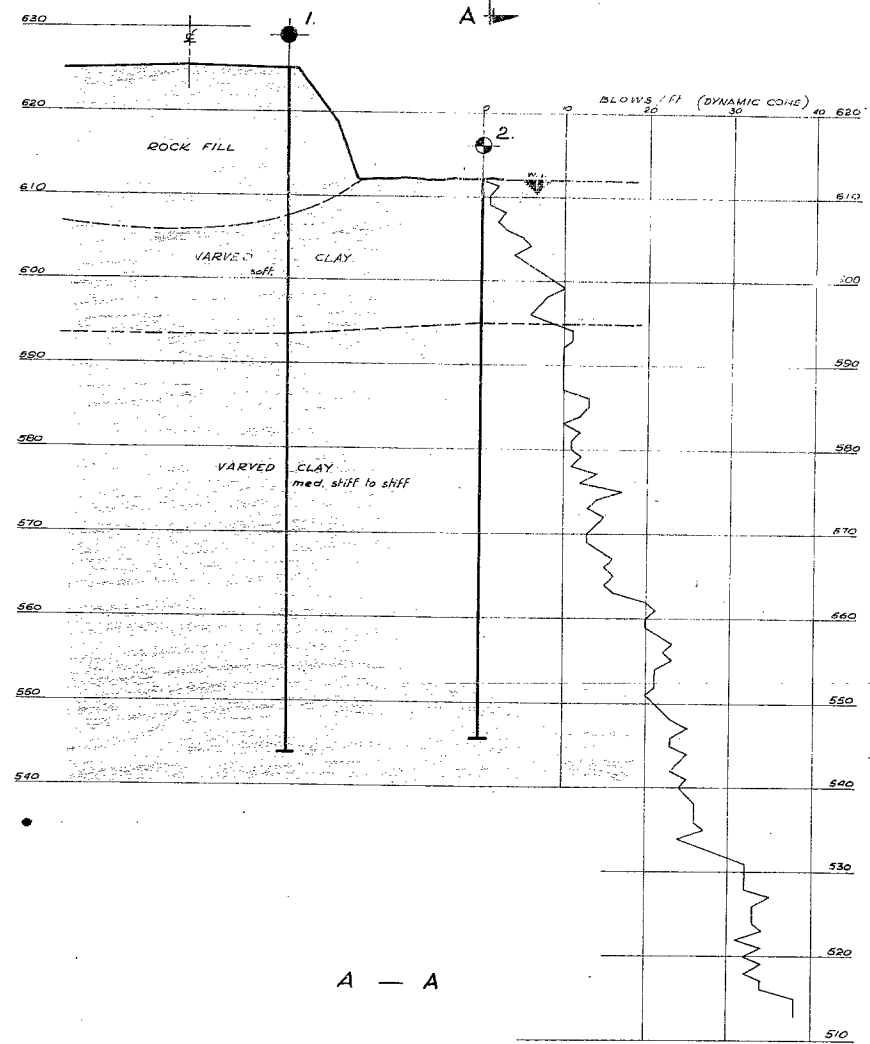
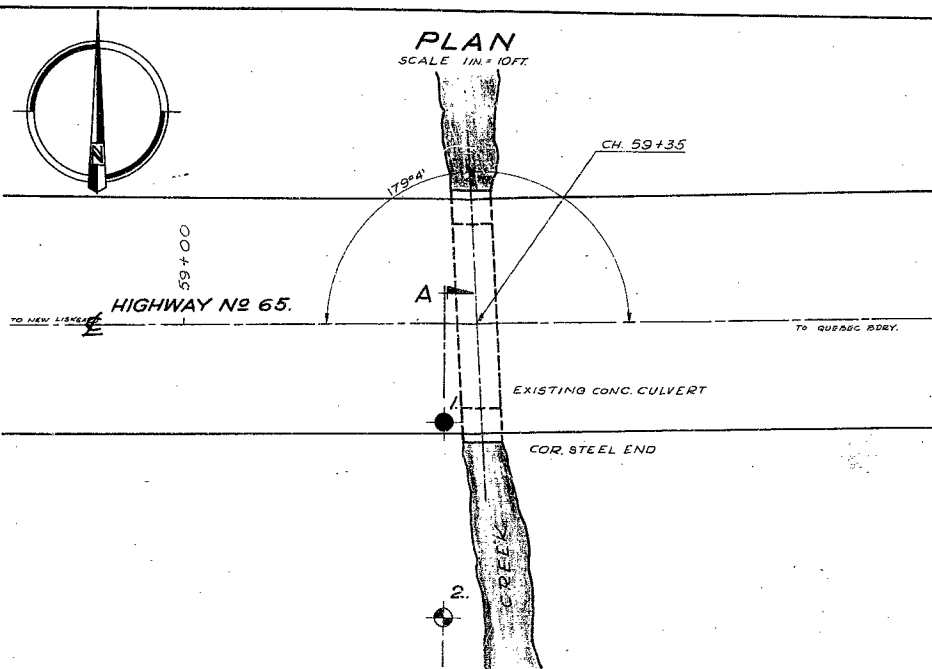
W.P. 24-61 BORE HOLE NO. 2
 JOB 61-F-56 STATION 59+31 (35' Rt.)
 DATUM 612.3' COMPILED BY B.K.
 BORING DATE JUNE 17/61 CHECKED BY W.W.K.

2" DIA SPLIT TUBE
 2" SHELBY TUBE
 2" SPLIT TUBE
 2" DIA CONE
 2" SHELBY
 CASING

LEGEND

Lab Vane
 1/2 UNCONFINED COMPRESSION (Qu)
 VANE TEST (C) AND SENSITIVITY (S)
 NATURAL MOISTURE AND
 LIQUIDITY INDEX
 LIQUID LIMIT
 PLASTIC LIMIT





LEGEND			
	BORE HOLE		
	BORE AND PENETRATION HOLE		
HOLE	ELEVATION	STATION	OFFSET
1	625.6	59+31	12' RT.
2	612.3	59+31	35' RT.

5 59601400
5264000
17
31M 12 IE

DEPARTMENT OF HIGHWAYS - ONTARIO
MATERIALS & RESEARCH SECTION

**FILL STABILITY AT HWY NO 65
CHAINAGE 59+31**

ORIGINATED BY KULMATICAS	DISTRICT NO. 14	DATE 31 AUG 1961
DRAWN T. K. (10/11)	W.P. NO. 26-61	JOB NO. 61-F-56
CHECKED <i>[Signature]</i>	SCALE 15 SHOWN	DRAWING NO.
APPROVED <i>[Signature]</i>		61-F-56 A