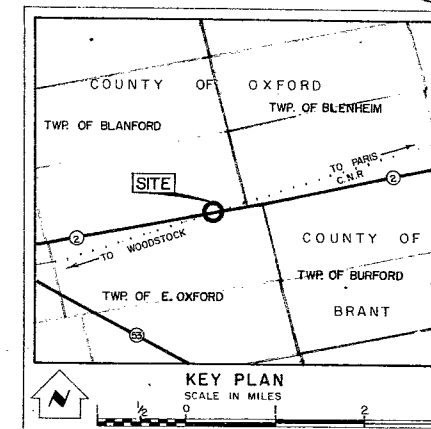
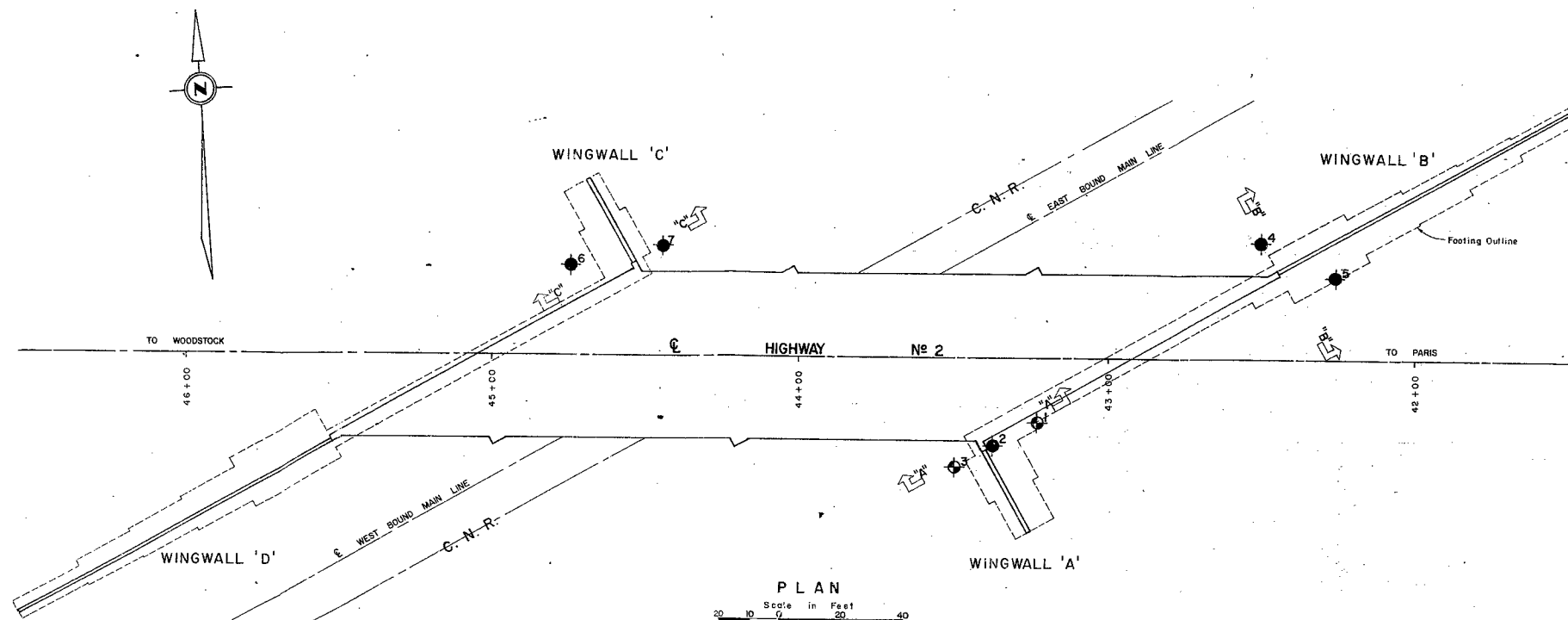


62-F-75

HWY 2
C.N.R.

WINGWALL
FAILURE

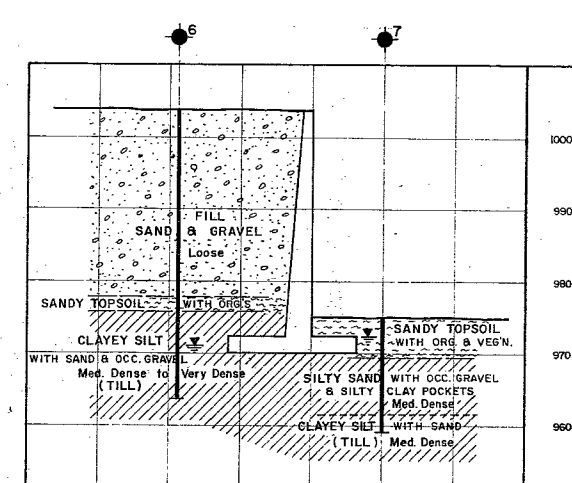
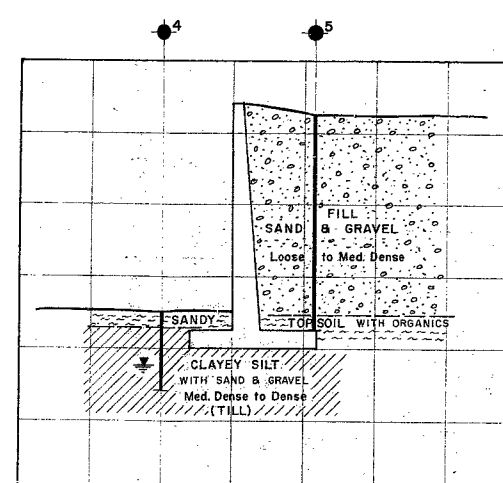
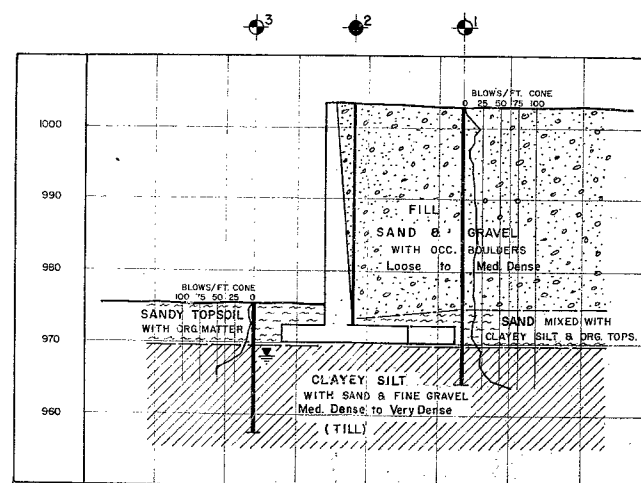


LEGEND			
	Bore Hole		
	Cone Penetration Hole		
	Bore & Cone Penetration Hole		
	Water Levels established at time of field investigation - JULY, 62		

NO.	ELEVATION	STATION	OFFSET
1	1004.0	43+23	21' LT.
2	1003.5	43+37.5	28' LT.
3	975.5	43+50	35' LT.
4	975.5	42+50	37.5' RT.
5	1002.5	42+25.5	26.5' RT.
6	1004.0	44+74.5	29' RT.
7	975.5	44+45	35.5' RT.

NOTE

The boundaries between soil strata have been established only at Bore Hole locations. Between Bore Holes the boundaries are assumed from geological evidence and may be subject to considerable error.



SECTIONS

Scale in Feet

0 5 10 20

DEPARTMENT OF HIGHWAYS - ONTARIO

MATERIALS & RESEARCH DIVISION - FOUNDATION SECTION

WINGWALL FAILURE

HIGHWAY NO. 2 & C.N.R.

6 MILES EAST OF WOODSTOCK

ORIGINATED G. Mierzynski	DISTRICT NO. 2	DATE 14 AUG. 1962
DRAWN J. McMurray	W.P. NO.	JOB NO. 62-F-75
CHECKED J.P. Dore	CONTRACT NO.	DRAWING NO.
APPROVED A. H. Hume	57-39	62-F-75A

REF. PLAN NOS. D-3771-1, -2, -5, -6



ONTARIO
DEPARTMENT OF HIGHWAYS

23-57-39.

Memo to Mr. A. M. Toye, **Date** August 28, 1962.
Bridge Engineer. **Subject** WINGWALL FAILURE
From Materials & Research Division, (Additional Soil Investigation)
(Foundation Section) W.J. 62-F-75 -- Cont. 57-39.

Attn: Mr. F. I. Hewson,
Consultant Liaison Engr.

Re: C.N.R. Overpass,
Hwy. No. 2 - 6 Mi. East of Woodstock,
District No. 2, London, Ontario.

Attached, please find the factual information collected and obtained during the investigation at the above-mentioned site during the period of July 3 to July 12, 1962. This investigation was suggested and agreed upon during the meeting and site visit on June 22, 1962.

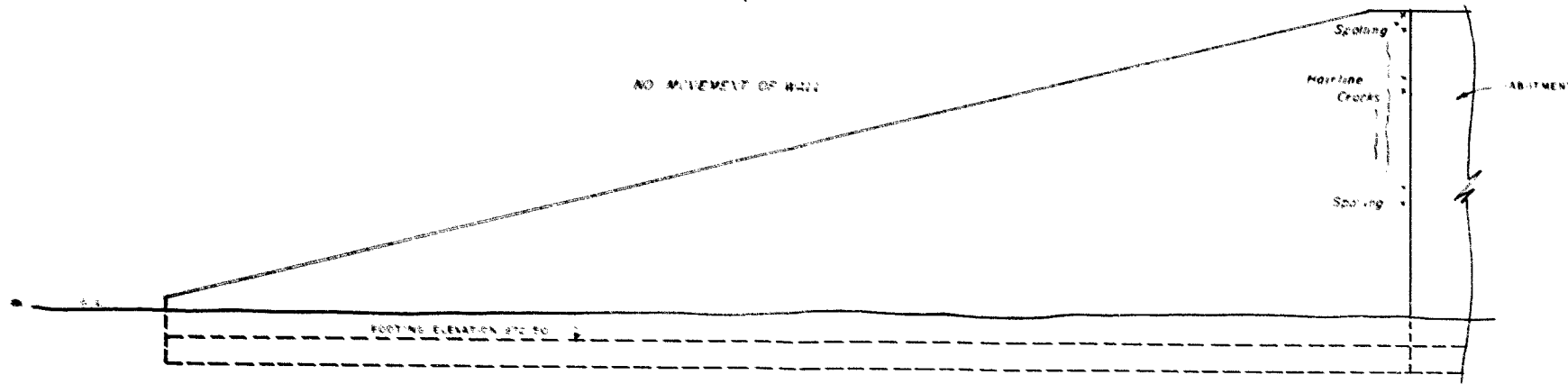
We believe that the presented information and results are self-explanatory and that there will be no difficulty in using them in the further investigation into the causes of wing wall movements. However, should there be any additional information or explanation required, please feel free to call our Office.

AGS/MdeF
Attach.

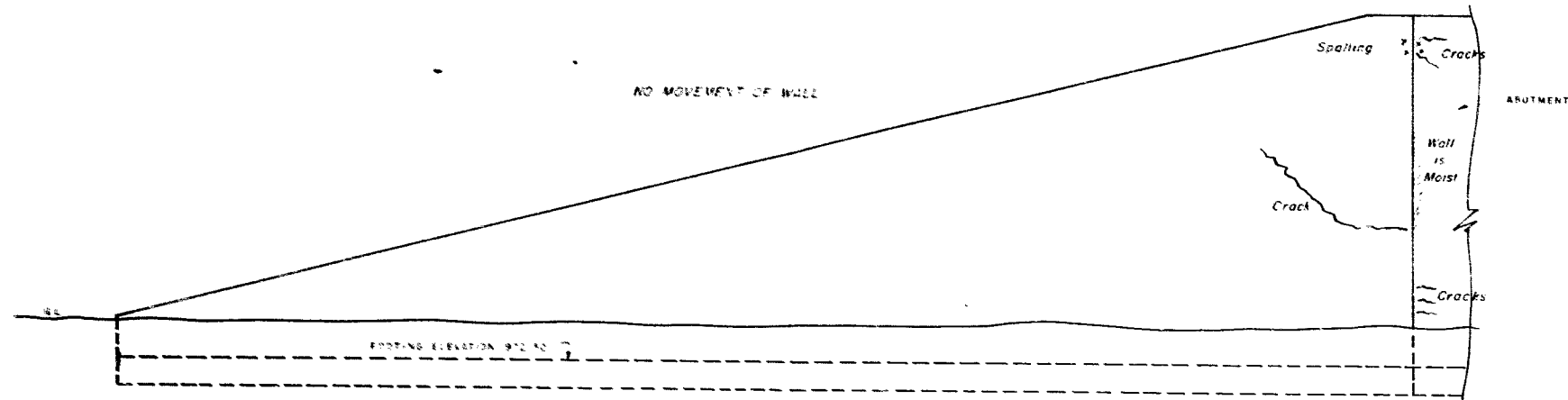
A. G. Stermac
A. G. Stermac,
PRINCIPAL FOUNDATION ENGINEER

cc: Bridge Office (2)
Morrison, Hershfield, Millman & Huggins, Ltd.

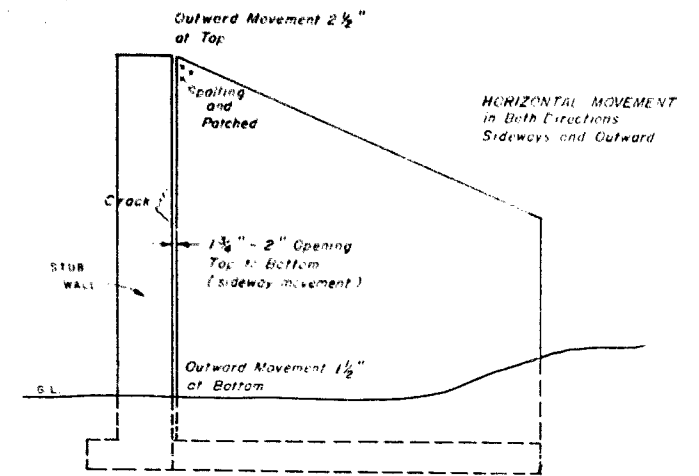
Foundations Office
Gen. Files.



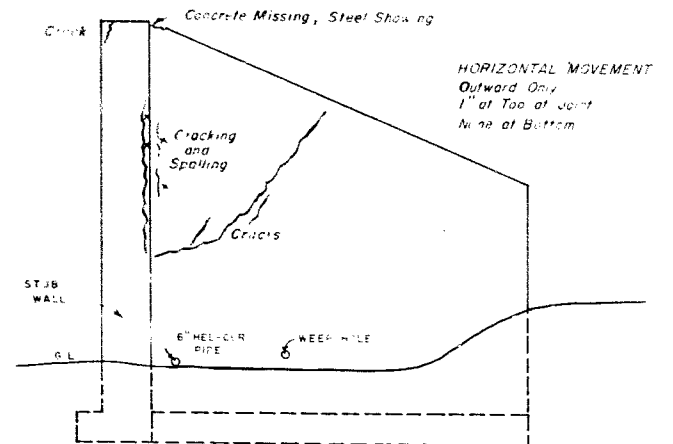
WINGWALL 'B'



WINGWALL 'D'



WINGWALL 'A'



WINGWALL 'C'

ORIGINATED G. Mierzynski	DEPARTMENT OF HIGHWAYS - ONTARIO	SCALE 1" = 10'-0"
DRAWN H. D. Reed	MATERIALS & RESEARCH SECTION	CONT. NO. 57-39
CHECKED <i>[Signature]</i>	WINGWALL FAILURE	JOB NO. 62-F-75
APPROVED <i>[Signature]</i>	HIGHWAY NO. 2 & C.N.R.	DWG. NO. 62-F-75 B
DATE 15 August 1962	6 MILES EAST OF WOODSTOCK	