

# 65-F-106

W.P. # 491-64

Hwy. # 401

DUAL WEIGH

SCALE

## MEMORANDUM

TO: Mr. L. E. Walker,  
District Engineer,  
District #9 (Ottawa).

FROM: Foundation Section,  
Materials & Testing Div.,  
Room 107, Lab. Bldg.

DATE: October 21, 1965

OUR FILE REF.

IN REPLY TO

OCT 26 1965

## SUBJECT:

FOUNDATION INVESTIGATION REPORT  
For

Dual Weigh Scale - Hwy. #401, 1.0 Mi.  
East of Hwy. #34, Dist. #9 (Ottawa).

W.J. 65-F-106 -- W.P. 491-64

Contract No. 65-247

Following your request for a foundation investigation at the above-mentioned site, we have carried out 5 borings, which revealed the following subsoil stratigraphy:

- (El. 162.0) 0.0' - 4.0' Compact sand and gravel (Fill Material).
- 4.0' - 8.0' Firm to stiff silty clay.
- 8.0' - 14.0' Very dense sand & gravel (Glacial Till).

The water level observed in the boreholes was about 3 feet below ground level at El. 159.0<sup>+</sup>. The attached Drawing #65-F-106A shows the locations and elevations of the borings.

We have reviewed the foundation drawings for the weigh scales and weigh house with regard to the subsoil conditions, and are of the opinion that the foundation design is satisfactory in its present form.

Mr. L. E. Walker,  
District Engr. (Ottawa).

- 2 -

October 21, 1965

If we can be of any further assistance in this matter,  
please contact this Office.

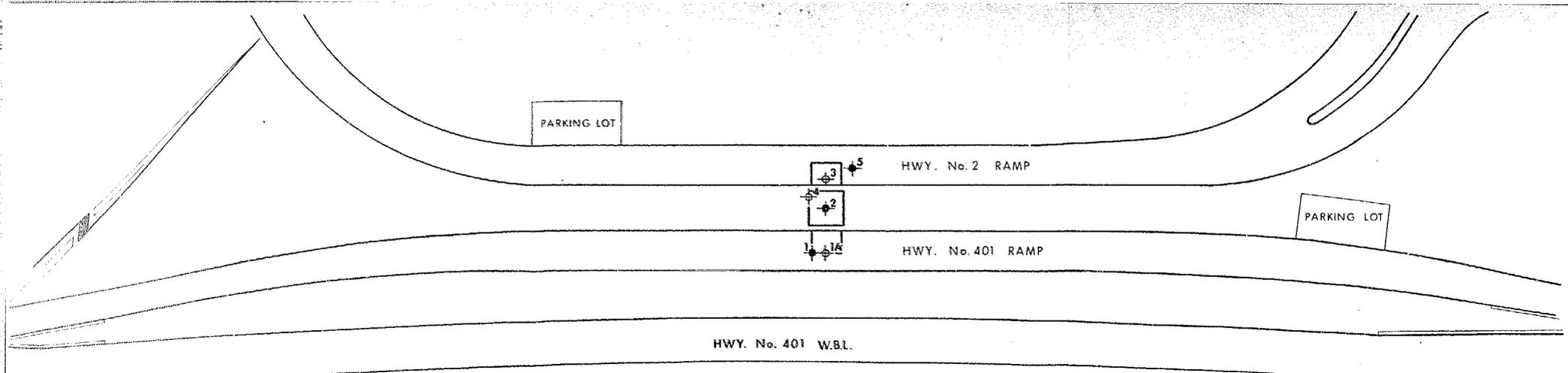
*K. G. Selby*

KGS/MdeF  
Attach.

cc: Messrs. C. S. Moase  
R. S. Pillar  
J. E. Gruspier

K. G. Selby,  
SENIOR FOUNDATION ENGINEER  
For:  
A. G. Stermac,  
PRINCIPAL FOUNDATION ENGINEER

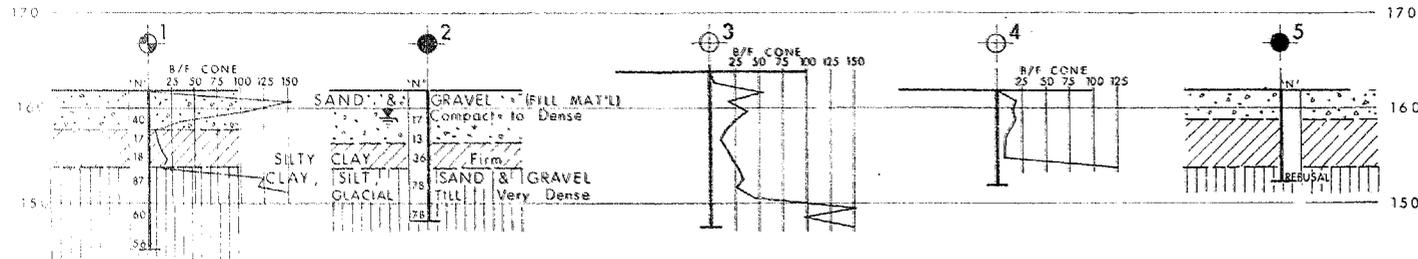
Foundations Office  
Gen. Files



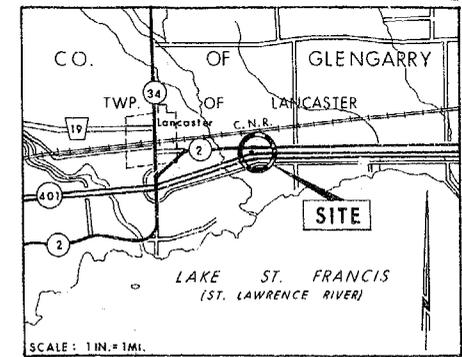
HWY. No. 401 W.B.I.

PLAN

SCALE: 1IN.=40FT.



E. 54000  
N. 49 00 250  
Zone B 2



SCALE: 1IN.=1MI.

- BORE HOLE
- CONE PENETRATION HOLE
- BORE & CONE HOLE

BORE HOLE STRATIGRAPHY

SCALE: 1IN.=10FT.



DEPARTMENT OF HIGHWAYS  
MATERIALS and  
TESTING  
DIVISION

DATE 15 OCT. 65

HWY. No. 401 - 1MI. E. of HWY. No. 34  
**DUAL WEIGH SCALE SITE**  
WP. 491-64 JOB 65-F-106

APPROVED *K. A. B. L.*

DRAWING NO. 65-F-106A