

#

62-F-63

Hwy. #41

EGANVILLE

PATROL YARD

Memo to Mr. F. E. Cavell, *Date* July 9, 1962.
Superintendent,
Special Services Section. *Subject* D.H.O. FOUNDATION INVESTIGATION
REPORT.

From Materials & Research Division, 62-F-63 -- W.P. (N11).
(Foundation Section)

RE: PROPOSED D.H.O. EGANVILLE PATROL YARD AT HWY. No. 41,
TWP. OF GRATTON, COUNTY OF RENFREW, DISTRICT No. 10.

It is proposed to erect a D.H.O. patrol garage on Hwy. No. 41, approx. 2.5 miles South of Eganville. A request for a foundation investigation was received from Mr. F. E. Cavell, dated May 25th, 1962.

During the investigation, it was established that the bedrock is from 6" to 2'-1" below existing ground elevations. The safe bearing pressure on bedrock is estimated to be 5 tons/sq. ft.

The sand pile can be built at any location without danger of base failure.

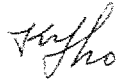
No ground water was encountered during the time of the investigation.

Access roads may be built on the bedrock. For roadways and parking areas, a total minimum thickness of 18" of acceptable granular material is recommended. The upper 6" of this should consist of Class "A" G.B.C. material.

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Surfacing material should consist of $3\frac{1}{2}$ " base and top of H.L.4. The top $1\frac{1}{2}$ " may be modified to allow the use of a sandier mix.

We believe the information contained in this memo will suffice for your future design work. However, should further information be required, please do not hesitate to contact our Office.



WWK/MdeF

K. Y. Lo,
SUPERVISING FOUNDATION ENGR.
For:

A. G. Stermac,
PRINCIPAL FOUNDATION ENGR.

cc: Messrs. F. E. Cavell (4)
H. A. Tregaskes
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