

GEOCRES No. _____

DIST. 4 REGION _____

W.P. No. _____

CONT. No. _____

W. O. No. 93-11007

STR. SITE No. _____

HWY. No. 54LOCATION Hwy 54 & Grand RiverNo. of PAGES -OVERSIZE DRAWINGS TO BE INCLUDED WITH THIS REPORT.

REMARKS: _____



Ministry
of
Transportation

FILE No. _____ DATE _____

REMARKS _____

Laxmi 0332

MEMORANDUM



To: D. Billings
Head, Geotechnical Section
2nd Floor, Atrium Tower

Date: June 21, 1993

Attn: L. Simlote, PDEO

From: Foundation Design Section
Room 315, Central Bldg.

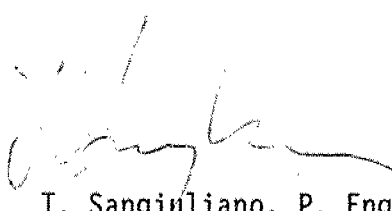
Tel: 235-3731
Fax: 235-5240

Re: Slope Instability Inspection
Hwy 54 - Regional Road No. 9
WO 93-11007
District 4, Burlington

Further to your request, an inspection of the slopes along Hwy 54 between approximate Stations 22+550 and 22+900 was carried out on June 16, 1993. The observations of the inspection suggest that both fill material placed on the native slope and native slope themselves exist within the area. Rockfill was observed on the surfaces of some of the slopes. The slopes were estimated to range from 1H:1V to 2H:1V and the Grand River is located in most cases beyond a flat terrace at the toe of the slope. The height of the slope was estimated at approximately 10 to 12 metres.

Based on the visual observations, it appears that no significant signs of instability are evident and consequently it can be concluded that the slope is indeed presently stable. It is therefore recommended that only future periodic inspection be conducted to verify the satisfactory performance of the slope.

If you have any questions regarding the above comments, please do not hesitate to contact this office.


T. Sangiuliano, P. Eng.
Foundation Engineer

for

P. Payer, P. Eng.
Sr. Foundation Engineer

PP/TS/jb