

DOCUMENT MICROFILMING IDENTIFICATION

G.I.-30 SEPT. 1976

GEOCRETS No. 40 P1-62

DIST. 4 REGION CENTRAL

W.P. No. 76-72-01

CONT. No. 74-88

W. O. No. 73-11028

STR. SITE No. _____

HWY. No. 2

LOCATION TOWN OF PARIS

(PARIS HILL)

=====
=====
OVERSIZE DRAWINGS TO BE INCLUDED WITH THIS REPORT. _____

REMARKS: _____

13-11028(x)

MINISTRY OF TRANSPORTATION AND COMMUNICATIONS, ONTARIO

MEMORANDUM

TO: Mr. A. G. Stermac
Principal Fdn. Eng.
Downsview, Ontario

FROM: J. L. Tansley
Asst. Hwy. Mtce. Supvr.
District #4, Hamilton

ATTENTION: Mr. M. Devata, Supvr. Fdn. Eng.

DATE: May 4, 1973

OUR FILE REF.

IN REPLY TO

SUBJECT: Slippage Highway #2, Town of Paris

Per my conversation with Mr. M. Devata this morning, would you please take the necessary steps to further investigate this slippage.

The present road was constructed under Contract 58-09. The Reeve, Mr. Emerson, said that aerial surveys were done in the last 2 (two) years and I know that contours were taken sometime in the years 55 to 57.

Please contact me if I can give any further assistance.

J. L. Tansley
Asst. Hwy. Mtce. Supvr.

JLT:lam

MEMORANDUM

TO: Mr. M. Devata
Supvr. Fdn. Eng.
Downsview, Ontario

FROM: J. L. Tansley
Asst. Hwy. Mtce. Supvr.
District #4, Hamilton

ATTENTION:

DATE: June 6, 1973

OUR FILE REF.

IN REPLY TO

SUBJECT: Bank Slippage - Paris Hill

Please find enclosed the June 5 edition of the Brantford Expositor. I have numbered the two items which I feel are of particular interest due to our study of the slippage on the Paris hill.

Please note, especially, the section in the lower right of the first page. I considered that you should see these articles before sending a copy of your report to the attention of the Municipal section.

JLT:lan



J. L. Tansley
Asst. Hwy. Mtce. Supvr.

Enclosure



158

MEMORANDUM

73-11028 (X)

TO: Mr. J. P. Cullen, Sr. Project Design Engr., Central Region. FROM: Materials & Testing Office, Central Region.

ATTENTION: Mr. R.A. Madill. DATE: June 8, 1973.

OUR FILE REF. IN REPLY TO

SUBJECT: W.P. 76-72-01, Highway 2, Paris Hamilton District

40 P1-62

CONT. 74-88

The 100 foot ± cut slope between Highway 2 and Nith River was examined by Mr. M. Devata of the Foundation Office and the writer at the request and in the company of Mr. J. Tansley of Hamilton District, on May 28, 1973.

Much of the erosion evident between the lookout area and West Street can be ascribed to inadequate control of surface runoff, particularly from the lookout area, and in general from the area between the present guide rail and the brow of the cut slope. Shallow test pits excavated by hand in a surficial granular-type material between the concrete sidewalk and the brow of the cut revealed no active seepage; however, this does not rule out the possibility of groundwater movement at greater depths below the pavement and sidewalk surface.

Our findings were discussed in this office on June 6, 1973 with Mr. R. A. Madill. It was pointed out that the following remedial measures would help reduce erosion and possible infiltration of surface water into the granular material between the pavement curb and gutter and the slope face:

- (1) Treatment at the lookout area to ensure that the catch basin effectively drains the surrounding area; i.e., prevent escape of water downhill from the lookout area.
- (2) Provision of a paved ditch between the concrete sidewalk and the brow of the cut. This ditch would prevent erosion of the brow as well as infiltration of surface runoff.
- (3) Possible recurbing on north side of Highway 2 with a barrier-type curb and gutter to control any overflow of pavement runoff.

Mr. J. P. Cullen.

June 8, 1973.

Re: W.P. 76-72-01

Mr. Madill has pointed out, and I agree with him, that a drainage study of the area will be required to properly design a suitable system for handling runoff downhill on and adjacent to Highway 2.

However, I feel that an effort should be made to accommodate as much of any remedial work as can be conveniently introduced at this late stage into the contract drawings for Group W.P. 76-72-01 as is possible with the limited design information on hand. I do not believe that we are looking for a guaranteed solution to the problem at this time.



C. Mirza,
Regional Materials Engineer.

CM/js.

cc: R. G. Burnfield
S. A. Cant
M. S. Devata
R. Fitzgibbon
A. Rutka
D. A. Waller

RECEIVED
FOUNDATIONS OFFICE
JUN 11 1973
Ministry of Transportation & Communications

LISTING OF VERIFIED BIDS

NOTICE OF AWARD OF CONTRACT

CONTRACT NO. 74-88 ✓TENDER OPENING NO. 15
DATE July 10 19 74

DESCRIPTION

GRADING, DRAINAGE, GRANULAR BASE AND HOT MIX PAVING
NECESSARY AVAILABLE RATING IS (4) IN (G) OR (P)Restacres Road, From Highway 53 Northerly to Highway 2, Paris - 4.7 Miles
and Highway 2 from 0.1 Miles West of Highway 7094 Easterly 0.4 Miles.

HIGHWAYS 2 & 7094

HAMILTON DISTRICT *4*

MILEAGE: 5.4

Steed and Evans Limited

\$ 513,340.45

Warren Bitulithic Limited

518,139.90

AWARDED TO: STEED AND EVANS LIMITED,
300 BRIDGE ST. E.,
KITCHENER, ONTARIO.DATE July 16th, 19 74