

Clause embodied in Report No. 10 of the Scarborough Community Council, as adopted by the Council of the City of Toronto at its regular meeting held on November 26, 27 and 28, 2002.

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**Cost-Sharing Agreement with CP Rail and CN Rail
Proposed Addition of Safety Warning Gates
CP Rail Crossings on Beare Road and Reesor Road and
CN Rail Crossing on Reesor Road
(Ward 42 - Scarborough Rouge River)**

(City Council at its regular meeting held on November 26, 27 and 28, 2002, adopted this Clause, without amendment.)

The Scarborough Community Council recommends the adoption of the following report (October 23, 2002) from the Director of Transportation Services, District 4:

Purpose:

To enter into a cost-sharing agreement with Canadian Pacific Railways (CP) and Canadian National (CN) Railway with respect to the installation of safety warning gates at the CP Rail Crossings on Beare Road, between Plug Hat Road and Finch Avenue East, on Reesor Road, between Passmore Avenue and Old Finch Avenue and at the CN Rail crossings of Reesor Road, between Old Finch Avenue and Passmore Avenue.

Financial Implications and Impact Statement:

It is estimated that the total cost of the installation of safety warning gates is \$672,683.00. In view of the City's historical responsibility to pay for 12.5 percent of the installation costs for safety warning gates, the total funding commitment for the City will be approximately \$84,085.00 for all three of the subject rail crossing locations. The balance of the cost will be paid by CN Railways and Transport Canada (pending grant approval). In addition to this cost, the estimated total annual cost to maintain these devices will be in the order of \$18,060 per year, of which, the City is responsible to pay \$9,030 (50 percent) of the total maintenance costs.

Funding for this provision will be included in the Transportation Services 2003 Capital Budget Estimates.

Recommendations:

It is recommended that:

- (1) the City of Toronto enter into a cost-sharing agreement with Canadian Pacific Railway, substantially in the form attached hereto, including the payment of 12.5 percent of the cost of the installation of safety warning gates and approximately 50 percent of the ongoing maintenance costs at the Canadian Pacific Railway Crossing on Beare Road, between Plug Hat Road and Finch Avenue East (Mile 192.48 Belleville Subdivision);
- (2) the City of Toronto enter into a cost-sharing agreement with Canadian Pacific Railway, substantially in the form attached hereto, including the payment of 12.5 percent of the cost of the installation of safety warning gates and approximately 50 percent of the ongoing maintenance costs at the Canadian Pacific Railway Crossing on Reesor Road just south of Passmore Avenue (Mile 193.54 Belleville Subdivision);
- (3) the City of Toronto enter into a cost-sharing agreement with Canadian National Railway Company, substantially in the form attached hereto, including the payment of 12.5 percent of the cost of the installation of safety warning gates and approximately 50 percent of the ongoing maintenance costs at the Canadian National Railway Crossing on Reesor Road between Old Finch Avenue and the CN Rail crossing south of Passmore Avenue (Mile 7.69 York Subdivision); and
- (4) the appropriate City officials(s) be authorized to take all necessary action, including the execution of the cost-sharing agreements at all of the subject crossing locations.

Background:

At the request of CN and CP Railways, Transportation Services Division staff were asked to review proposals to install safety warning devices (short-arm gates) at the following level rail crossings:

- Beare Road between Plug Hat Road and Finch Avenue East (Mile 192.48 Belleville Subdivision); and
- Reesor Road between Old Finch Avenue and Passmore Avenue (two crossings - Mile 193.54 Belleville Subdivision and Mile 7.69 York Subdivision).

Comments:

The subject railway crossings are presently equipped with a crossing warning signal system consisting of flashing lights and bell.

CN and CP Railway staff, in consultation with Transportation Services staff, identified a number of critical factors which warranted the installation of safety warning gates at the subject crossing locations on Reesor Road and Beare Road. Namely, increased vehicle volumes, operating speeds in excess of the posted 60 km/h speed limit, restricted sightlines of the crossing (for train

operators), train speeds and increased number of trains crossing at these locations. In addition, a fatality occurred at the Beare Road crossing in 2000. In view of the aforementioned, the installation of safety warning gates is warranted and will enhance safety at the subject railway crossings.

The safety warning gates would be similar to the types which are presently installed at many level crossings in the city.

Present agreements between the City and the subject rail authorities outline that the City is responsible to pay for 12.5 percent of the total installation costs for safety warning gates. The balance of the cost will be paid by CN and CP Railways and Transport Canada. In addition to this cost, the City is also responsible for 50 percent of the total annual maintenance costs associated with these devices.

A summary of the individual cost breakdowns for each crossing is outlined in the following table:

Crossing Location	Total Installation Cost	City's Portion (12.5 percent)	City's Portion of Maintenance Cost (50 percent)
Beare Road – Mile 192.48, Belleville Subdivision (CP)	\$230,560.00	\$28,820.00	\$3,010.00
Reesor Road - Mile 193.54, Belleville Subdivision (CP)	\$222,100.00	\$27,762.50	\$3,010.00
Reesor Road - Mile 7.69, York Subdivision (CN)	\$220,023.00	\$27,502.88	\$3,010.00
Totals	\$672,683.00	\$84,085.38	\$9,030.00

Conclusions:

The installation of safety warning crossing gates is warranted for each of the subject rail crossings and will enhance safety at these crossings.

Accordingly, the City of Toronto should enter into the appropriate cost-sharing agreement to fund these installations. Specifically, the City will be required to pay approximately \$84,084, which represents 12.5 percent of the total costs to install these devices. In addition to this cost, the annual cost to maintain these devices will be in the order of \$9,000 per year, which represents 50 percent of the total annual maintenance cost.

Contact:

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(The attachments referred to in the aforementioned report were included in the Agenda for the Scarborough Community Council meeting held on November 12, 2002, and a copy thereof is on file in the Office of the City Clerk, Scarborough Civic Centre.)