

Wellington street. It comprises 6.26 miles of docks, having slips 600 ft. long and 200 ft. wide, enclosing an area of 1,198 acres. Of this total acreage, 311 acres are taken up with streets, trackage right-of-way, sorting and distributing yards for freight, etc., leaving a net area of 887 acres of leasing and revenue-producing property. This area and length of dock wall would be subject to variation depending on the number and location of slips that it might be desirable to construct in order to provide the required accommodation for prospective industries.

The areas lying to the north of the marginal way are for the accommodation of plants requiring rail and dockage facilities immediately adjacent to their buildings, while the

(Continued on page 545)

\$2,357,000 SEWERAGE SCHEME RECOMMENDED FOR EASTERN PART OF YORK TOWNSHIP, ONT.

YORK township, Ontario, is a district extending along the northern frontier of the city of Toronto from Scarboro on the east to the Humber river on the west, a distance of about fifteen miles. Its populated area varies from a depth of half a mile to three miles from the city limits of Toronto. The township council have desired for some time past to provide sewers for the more thickly settled parts of the district, and isolated schemes had been prepared, but when application was made to the city of Toronto for outfall facilities, the city authorities pointed out that it would be desirable to have a comprehensive scheme prepared so as to enable both the township and the city to know where all the main outlets would be located.

When the matter came before the Ontario Railways and Municipal Board, it was finally agreed that the township council would authorize the preparation of a comprehensive scheme of sewerage.

Frank Barber, as township engineer, and R. O. Wynne-Roberts, who is associated with him, were instructed to make the necessary investigations and to prepare a preliminary scheme. These engineers have now presented their report and preliminary plans covering their recommendations regarding the eastern division of York township, and other reports and plans will be submitted in the near future, dealing with the western division and with the district known as Runnymede and Swansea. It will require several years to carry out these schemes in their entirety, but they are so designed that the township council may authorize the construction of any section at any time, and when the system is completed all the sections will fit into the general system and be economical of operation.

The eastern division is bounded on the east by the Scarboro township limits, on the west by the Don river, on the south by the city of Toronto and on the north by Don Mills road, Glebe road and the Canadian National Railway tracks. The division is subdivided into two areas, east and west of Woodbine heights, called Woodbine and Todmorden, respectively, the former having an area of some 400 acres, and the latter about 1,000 acres.

Different sites for sewage disposal works have been considered in their relations to the most economical schemes, and three main sites are reported upon, namely: (1) The brickyard site, located on land adjoining the Don Valley Brick Works; (2) the St. Clair site, on Don Mills road, north of the C.N.R. line; and (3) a site in the Woodbine district.

The report, dealing in outline with three possible schemes, defined as Scheme C, Scheme E, and Scheme CE, is in part as follows:—

Scheme C

Scheme C provides for a combined system of sewers for the entire eastern division, with the outfall works at the St. Clair site. The trunk sewers in this scheme would, in Woodbine district, be along Rosevear, Barrington, Valley, Lumsden, Cedarvale, Bracebridge, Woodbine and the street north of Plains road to Leslie; and in the Todmorden district, along Sammon, Cronyn, Davies Estate, Mortimer, McCash, Cosburn and the corresponding streets west of Leslie street. The main trunk would be along Leslie street to the St. Clair site.

This scheme would cost approximately as follows:—

Woodbine—		
Trunks	\$ 462,000	
Laterals	311,000	
		\$ 773,000
Todmorden—		
Trunks	\$1,176,000	
Laterals	488,000	
		\$1,664,000
Disposal works		400,000
Total		\$2,837,000

In this scheme the sewers are large enough to convey the entire flood water and sewage without relief. If relief sewers were provided, the cost of which would be deferred for many years, then the above total might be reduced by, say, \$300,000.

Scheme E

Scheme E comprises two disposal works, one at Woodbine site and the other at the brickyard site.

The trunk sewers in the Woodbine district would be along Rosevear, Barrington, Lumsden, Westlake, Gresham and Taunton streets, and also Woodbine ave. and Plains road. The trunk sewers in the Todmorden district would be on Sammon, Cronyn, Davies Estate, Mortimer, McCash,

