

extends to the west, and particularly if small industries locate nearby, it will be necessary to enlarge the existing sewer. The favored location is in right of way to Runser Street (Lincoln Street) and thence via Griffith and Wood Streets.

Forest Avenue Trunks

The area east of South Erie Street and south of Bantz Street can be sewered into South Erie Street by deep cutting in Woodland Avenue. To do this it would be necessary to ignore the low area east of the City Cemetery. Also it would be impracticable to accept other drainage from the south. For these reasons it has been planned to locate a trunk sewer in the ravine through the City Cemetery. This line can be extended north to the ridge bounding the Little Sippo watershed.

Tuscarawas Trunk

To gather the discharge from the several trunks described there has been planned a main or collector trunk line. Starting at West and Cherry Streets with the combined flow from the North End Trunk and West Cherry Street this sewer has been routed south on the west side of the Wheeling and Lake Erie Railroad to the existing sewer outlets. Extended, this trunk parallels railroad and River and between the two. A crossing of the river is effected at Lock 6 at which point has been planned location of the pumps necessary to provide the elevation requisite for treatment processes. Included as a branch of this line is a sub-trunk crossing the River to Clay Street and serving the vicinity of Clay and Cherry Streets.

The present purpose of a collector trunk is to keep the River clean through the city. In the future it will concentrate the total city sewage at a point suitable for treatment.

In the plan described it is proposed to abandon the existing West Street Sewer from Oak Street south except as it may be used for strictly local drainage. This decision is prompted by suspicion as to the condition of the sewer which lies under a high railroad fill.

Appended plans and profiles show routes and elevations of each of the trunks sewers described.

Location of Trunk Sewers

The sewer locations above described have been made from paper studies followed by field inspection. In all cases the lines have been surveyed to assure that in both grade and alignment the projected lines will serve the desired territory. In several cases alternates have been studied with final selection of the route most suitable economically and topographically. However, it is quite probable that in the preparation of detailed plans for construction, minor adjustments of location will be found desirable.