

The procedure followed in making the requisite study has included the following:-

1. Search of available city records to enable the compilation of a map to show street layouts and elevations, and the location of existing sewers within the area served;
- 2: An estimate of probable city growth and development to be anticipated within the period appropriate to this project; also a determination of sewage quantities to be provided for;
- 3: A layout of city and adjoining areas at present unserved by sewerage, and the tracing of outlets therefore; this supplemented by field surveys of such outlet lines;
- 4: Designs of trunk sewers and estimates of cost with fixation of economic routes;
- 5: Consideration of sewage treatment to the extent of selecting a tentative site for works.

Under the subject heads foregoing is herein offered particular discussion. This is presented in some detail as of use to the Engineer Department of the City in carrying the project through to completion.

CITY SEWERAGE MAP

The map submitted has been reproduced from the city files as supplemented by allotment and subdivision plats where such were available. Surface elevations have been secured from the plats of street grades established by ordinance.

The outline of existing sanitary sewers has been obtained from record maps and from contract plans. Where the location and elevation of existing lines have had effect upon proposed installations, confirmatory field data have been secured where possible without exploratory excavations.

Map, elevations and those used in this report refer to City of Massillon Datum. Zero of this datum is 848.93 feet above Mean Sea Level.

The absence of an accurate map of Massillon is to be regretted but has not affected the conclusions of this report, as these have been based largely upon original field work. The lack of adequate underground records is a handicap which should be eliminated as possible.

CITY GROWTH AND DEVELOPMENT

The designs covered by this investigation have been made to meet the needs of the next 35 years. This period is one reasonable for trunk sewer construction and accords with the customary life of bonds issued for such. To meet this condition estimates of population increase and of territorial expansion have been formulated.