

Brookfield
(See Plats A4282.4 and A4282.5 and Profile A4282.9)

Although the drainage from Brookfield runs to the Wooster Trunk it requires two extensions from the main sewer.

The eastern end of Wooster Street, up to the summit near Crown Point Place, discharges directly to Wooster Trunk. Included with this is area extending about 800 feet north from Wooster Street. No trunk extension is required for this portion of the district.

A second portion of Wooster Street drains southward in Howells Avenue, and together with the drainage from Howells Avenue, finds outlet in the Wooster Trunk near its upper end (via Trunks #7, 7A, 7B, and 7C).

West Brookfield proper slopes to a culvert about 1½ miles west from the present Massillon city limits. The normal outlet for this area is the creek valley in which the Wheeling and Lake Erie Railroad is located, but the trunk sewer route #6 chosen follows a high level hillside contour about one-half mile north of Wooster Street. This alignment is somewhat more direct than a valley bottom location, is less expensive, and avoids the marshy ground along the creek. The difference in cost between high level and low level lines includes the expense of sewer easements as a prominent factor. It is not impossible that this item might necessitate a change in location.

One disadvantage of a high level trunk is that it renders difficult the collection of sewage from some 70 acres in the northwest corner (See Plat A4282.4) of the Brookfield Tract. Some of this area can be served rather clumsily by a "gravity" sewer carried over the creek to the trunk which is above the creek at the point of connection. An inverted siphon, while theoretically available for this situation, would be objectionable because of the small tributary flow. The remaining area--perhaps 50 acres--is too low to drain to a high level sewer. Pumping therefrom is expensive, and were collection from this area essential, it would be necessary to reroute the trunk. Such a change would add about \$14,000 to the cost of this sewer. This report includes the conclusion that the added cost, the undesirable location, and the longer route are determining factors which make preferable the omission of the area as described. The estimates of cost as herein then provide no facilities for service to about 70 acres of the Brookfield area, although, about 20 acres can be cared for at an additional expenditure of \$1,500.

At the easterly end of this area and within the Marsh Hill Allotment it will be necessary to construct a subsidiary trunk to tap the ravine which crosses Marsh Hill Avenue and Hamilton Avenue. This sewer is shown upon the plat (trunk #6A).

The Wooster Street lateral is shown in the plat as a double sewer. Few walks have been laid and two sewers on the pro-