FACILITIES & OPERATIONS
ARCHITECTURE, ENGINEERING AND CONSTRUCTION
UNIVERSITY OF MICHIGAN

Design Deliverables/Schematic Design/Site 3) Sanitary Sewer Mitigation

Supplemental Information for the Design Professional

All developments with City of Ann Arbor sanitary sewer must mitigate new sanitary sewer flows per the City of Ann Arbor Developer Offset-Mitigation Program. Calculations and offset-mitigation costs, as well as fees for City modeling to verify sewer capacity, are the responsibility of the project. Payment in lieu (of Footing Drain Disconnects), building removal, and plumbing retrofit fixtures are typical U-M forms of sanitary sewer offset mitigation accepted by the City.

The design team will calculate peak sanitary sewer flow based on type of facility or use(s) from the City of Ann Arbor's Table A. If taking credits for removing sanitary flow, peaking factor and system recovery factor are to be applied after the average daily existing flows are subtracted from the proposed average daily flows. (Note that the system recovery factor changed in 2015 to 1.1, and the City's calculation example on the website may be out of date.)

The AEC Design Manager will review calculations with U-M EHS prior to submitting to the City. The Design Manager will also verify if credits for demolition of existing facilities or removal of flow are to be taken on the project and shown on civil sheets/City plan submittals. Include sanitary sewer offset mitigation calculations in terms of GPM peak flow on the overall utility plan sheet for City preliminary plan review. Allow a *minimum of three months* for City modeling to verify sanitary sewer capacity.

The AEC Design Manager will budget $3,000 per 1 GPM of new/added peak sanitary flow (as of 7/2016). Rates are subject to change each fiscal year on July 1. The Design Manager will request a payment in lieu invoice letter from the City (Alison Heatley). Checks are made payable to the City of Ann Arbor and should be mailed or hand delivered to the City Engineering Department to the attention of Alison Heatley. The project is responsible to pay the associated sanitary sewer mitigation fee to the City prior to the water meter set. Send a copy of the payment invoice and receipt to U-M EHS.

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