

SUMMARY OF STORM WATER MANAGEMENT REQUIREMENTS
CITY OF CANTON ENGINEERING DEPARTMENT
2436 30TH ST NE
CANTON, OHIO 44705
330-489-3381

Proposed Work within City Right-of-Way or Easement; or Connection to City Sewers

- Applicable permit must be obtained from City Engineering Department
- Approved licensed contractor must be used
- Work must be inspected by Engineering Department Inspector

Storm Water Quantity Management

Applicability:

- As required by the City Engineering Department for commercial and industrial sites and subdivisions

Typical Minimum Requirements:

- Site plan/construction plans
- Storm Water Management Report including all storm water quantity and quality (as applicable) management calculations and supporting design information as required by City of Canton Storm Water Management Manual
- Peak Flow (Runoff) Analysis (existing and proposed) for 2, 5, 10, 25, 50, and 100-yr storms
- Drainage Area Maps (existing/pre-developed and developed) with area delineations, flow paths, and point(s) of analysis
- Proposed grading plan indicating that 100-yr runoff can be adequately conveyed to adequate outlet without causing unapproved flooding
- Public storm sewers: 10-yr design and 25-yr HGL (provide calculations and map)
- Private storm sewers: recommended to be designed same as public storm sewers
- Detention: reduce post-dev. flows to or below pre-dev. flows for 2, 5, 10, 25, 50, and 100-yr storms

Submission and Review:

- Submit for review to City of Canton Engineering Department

Storm Water Quality Management

Applicability:

- Proposed land disturbances of 1 or more acres

Minimum Requirements (in addition to Storm Water Quantity Management requirements):

- Submit Notice Of Intent (NOI) to Ohio EPA to obtain NPDES Permit for Storm Water Discharges Associated with Construction Activity
- Compliance with requirements of Ohio EPA NPDES Permit for Storm Water Discharges Associated with Construction Activity
- Storm Water Pollution Prevention Plan (SWP3) including descriptions of construction site and post-construction storm water best management practices (BMPs)
- Long-Term Maintenance Plan for post-construction storm water BMPs
- Include all design calculations, etc. in Storm Water Management Report as required by City of Canton Storm Water Management Manual
- Pre-construction meeting with Stark SWCD at least 7 days prior to any soil-disturbing activity

Submission and Review:

- Submit for review to Stark Soil & Water Conservation District (330-830-7700 ext. 5). Also, submit copy of all Storm Water Quality Management information to City of Canton Engineering Department

Flood Zone Regulations

- Refer to *Chapter 1132: Flood Hazard District* of the City of Canton Codified Ordinances; contact the City Zoning Inspector (330-438-4726) for details

For Further Details and Information

- Refer to *City of Canton Storm Water Management Manual* available for download from City website:
<http://cantonohio.gov/engineering/?pg=510>