

# **SUMMARY OF STORM WATER MANAGEMENT REQUIREMENTS**

**CITY OF CANTON ENGINEERING DEPARTMENT**

**2436 30<sup>TH</sup> 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:*

- See “Storm Water Detention Guidance for Proposed Development in the City of Canton” flowchart (on City Engineering Department’s website)

### *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

### *Submission and Review:*

- Submit for review to City of Canton Engineering Department

## **Storm Water Quality Management**

### *Applicability, Minimum Requirements, Submission, and Review:*

- See “Water Quality Treatment Design Guidance for Proposed Land Disturbances in the City of Canton” flowchart (on City Engineering Department’s website)

## **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* and other resources available for download from City Engineering Department’s website:

<http://cantonohio.gov/engineering/?pg=510>