

Minimum Initial Engineering Submittal Requirements

The below documentations are considered the minimum and therefore projects may require more information based on site specific condition:

1. Two (2) complete sets of 24"x36" site plans that are signed and sealed by an Illinois Licensed Professional Engineer.
2. One (1) completed Project information Sheet (PDF).
3. Two (2) signed & sealed copies of the stormwater report in tabular format containing the **Typical Permit Submittal Flowchart (PDF)** and **COA Stormwater Management Permit Application (PDF)** Form 1 and Tabs 1 through 3. The stormwater report shall contain the following:
 1. **Existing Conditions (Pre-Development)**
 - A. Tributary area map (onsite, offsite and depressional area if applicable)
 - B. 100-year critical duration analysis model (using event hydrograph routing method)
 - C. All model input information
 - D. Summary of model results in tabular format
 2. **Proposed Conditions (Post Development)**
 - A. Tributary Area Map (onsite, offsite and depressional area-if applicable)
 - B. City of Aurora Modified Rational Method Calculations- <https://www.aurora-il.org/DocumentCenter/Home/View/1297> (PDF)
 - C. 100-year, 24-hour model (using event hydrograph routing method)
 - D. 100-year, 24-hour model w/ blocked restrictor (provide all input information)
 - E. Summary of model results in tabular format
 - F. Overland flood route calculations
 - G. Restrictor sizing calculations
 - H. Overflow weir length calculations
 - I. Storm sewer calculations, using City of Aurora rainfall data, with exhibit delineating catchment areas.
4. Wetland determination reports prepared by a Qualified Wetland Review Specialist
5. One (1) Soil investigation report for the site (if applicable)
6. Drain tile survey (if applicable)
7. One (1) Address Plat at 1 inch equals 100 feet (1" = 100'). (if applicable)
8. Traffic study (if applicable)