

Storm Water As-Built / Record Drawings Submittal Requirements

Per The City of Carmel Stormwater Technical Standards Manual, Chapter 100, Section 103

As part of the final acceptance process, record drawings of the stormwater facilities shall be submitted to the City of Carmel.

After completion of construction of the project and before final project acceptance of the Stormwater management plan (the issuance of a “verified” NOT or release of performance sureties), a professionally prepared and certified record drawings (‘as-built’ set of plans) by a Professional Engineer or licensed Land Surveyor registered in the State of Indiana shall be submitted to the City of Carmel for review. Additionally, a digital copy of the record drawings (‘as-built’ plans), as well as finalized digital versions of all analyses, models, manuals, and reports that are consistent with the as-built conditions, are required in a format accepted by the City of Carmel and the Digital Submission policy. Data shall include, but not be limited to:

- A. Pipe size and pipe material
- B. Invert elevations
- C. Top rim elevations
- D. Pipe structure lengths
- E. BMP types, dimensions, and boundaries/easements
- F. “As-planted” plans for BMPs, as applicable
- G. Data and calculations showing detention basin storage volume
- H. Data and calculations showing BMP treatment capacity
- I. Flowline of rear and/or side yard swales at fifty (50) foot intervals or at lot lines
- J. Horizontal alignment of storm drain pipes, culverts, streets, and storm drain structures, to a minimum accuracy of +/- two (2) feet
- K. The horizontal locations and/or bank cross sections for all detention/retention facilities or other information sufficient to verify that the constructed detention/retention facility provides the required minimum runoff storage volume be in accordance with Hamilton County Record Drawing and Digital Submission Standards established under Hamilton County Ordinance 4-11-05-A and its amendments.
- L. Any other pertinent data relevant to the completed storm drainage system and Stormwater management facilities.
- M. Other data required by the Digital Submission Policy.