



3RD AVENUE DRAINAGE IMPROVEMENTS

PROJECT DETAILS

LOCATION

Unincorporated Bensenville
Addison Township & Village
Of Bensenville

ISSUE

Localized flooding

SOLUTION

Storm sewers Installation,
culverts, and stormwater
detention.

BENEFIT

Reduction in structural
flooding to 30+ residential
properties and overtopping of
roadways

COST ESTIMATE

\$7,500,000

DISTRICTS REPRESENTED

US Representative District 3
IL Senate District 39
IL Representative District 77
County Board District 1



PROJECT HISTORY & INFORMATION

Located in the Addison Creek Watershed, more than 20 residential structures to the north of 3rd Avenue in unincorporated Bensenville have experienced significant structural flooding for several decades. Existing storm sewer conveys Addison Creek through several private properties. This undersized system cannot convey the large amounts of stormwater runoff collected by the creek during larger storm events. When the capacity of the system is exceeded, stormwater begins to back up and fill multiple depressional areas in the neighborhood, flooding streets and residential structures. Under certain rainfall events, 3rd Avenue and Church Road also overtop, flowing uncontrolled into the adjacent White Pines Golf

Course. The storm sewer system is more than 50 years old and is nearing the end of its serviceable life, requiring rehabilitation or replacement. In addition, the storm sewer is inadequate to convey larger storm events and needs to be upsized. Proposed drainage improvements in the subdivision include replacing and increasing the size of the existing storm water system, as well as installing a bypass storm sewer to convey flow under a controlled scenario into White Pines Golf Course. These improvements will provide greater flood protection for the area, increasing the level of protection from a 5-year flood to a greater than 50-year flood event, and will increase the estimated service life of the new infrastructure to more than 100 years.