

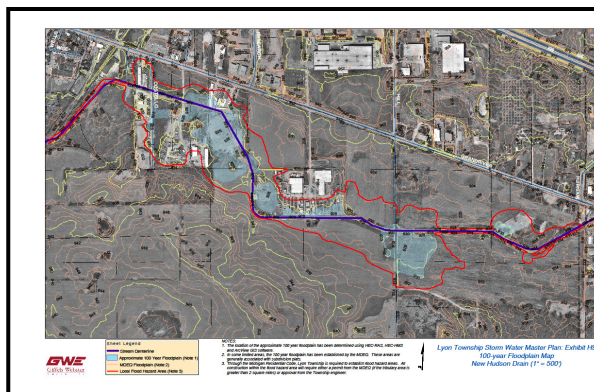
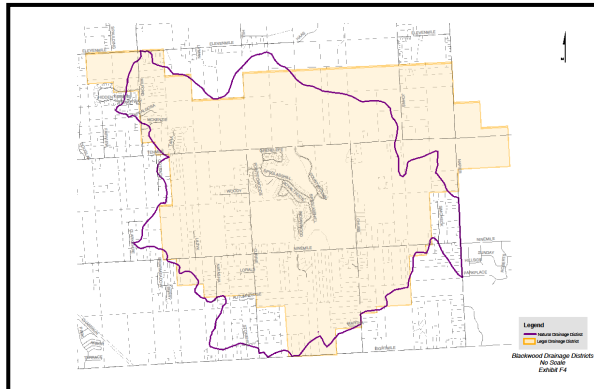
Client
Charter Township of Lyon

Client Contact
Mr. Lannie Young
Township Supervisor
248.437.2240

Giffels Webster Contact
Loren Crandell, PE
Partner

Completion Date
2003

Services Provided
Civil Engineering
Surveying



Lyon Township, located in the southwest corner of Oakland County, Michigan, is characterized by natural beauty features such as wetlands, trees, streams and open areas. In the 1990's, the community recognized that development pressures were increasing and that this development, if not properly planned, could dramatically change the character of the Township. One prominent issue was storm water management.

The purpose of this Storm Water Master Plan was to develop the necessary tools to effectively manage storm water runoff as development occurs in the Township. Of primary concern was the prevention of property damage caused by flooding. A secondary concern was the preservation of natural features (such as wetlands, floodplains and forest areas adjacent to existing drains). These natural features help to not only improve water quality, but also provide part of the Township's rural character.

Since the Stormwater Master Plan was completed in 2003, it has been used as a tool during plan reviews to protect flood prone areas throughout the Township. The Stormwater Master Plan also provided the Township with the ability to give floodplain elevations to potential developers and homeowner's. Giffels Webster worked with FEMA to get the information in this Stormwater Master Plan published into the first official FEMA Floodplain Maps in Lyon Township.