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## ***Purpose of Study***

This study updates the stormwater master plan for the Village of Downers Grove to provide information about the existing stormwater problems in the Village, the condition of the stormwater system, the adequacy of system components, and estimated costs for necessary maintenance, capital improvements and regulatory requirements. The need for this information was identified by the Village's Stormwater Utility Exploratory Committee and Village staff. Tasks performed by Clark Dietz, Inc. during 2005 and 2006 included data collection, hydrologic/hydraulic analysis, evaluation of Village and County ordinances, review of federal water quality permit obligations, recommendations for maintenance and public safety enhancements, capital improvement project prioritization, and documentation of the master plan update.

This master plan document provides the Village with information for establishing strategies for future infrastructure management, identifying preliminary budgetary needs, and identifying alternatives for financing an adequate stormwater program. The intent is to provide a "big picture view" of the stormwater system problems and needed improvements. Specific project recommendations, such as "replace 24" storm sewer along 800 feet of Main Street with a 48" storm sewer," are not included and will be developed in the future.

The recommendations in this master plan reflect emerging stormwater best management practices, current Village, County, and State regulations, and the current needs and concerns of Village staff and elected officials.

## ***Plan Format***

The format of this document was selected to allow readers to easily and quickly gain an understanding of the stormwater problems facing the Village and the recommended solutions. Detailed analyses and narratives developed are included as appendices for review by interested readers.

## ***Stormwater and Floodplain Oversight Committee***

The Village has established a Stormwater and Floodplain Oversight Committee. The seven members are appointed by the Mayor for a 4-year term. The Committee addresses issues related to stormwater management throughout the Village. Specific responsibilities include:

- Hear appeals from decisions of the Stormwater and Floodplain Management Administrator.
- Make recommendations concerning proposed variations from requirements of the Stormwater and Floodplain Ordinance and concerning proposed amendments to the Ordinance.
- Provide guidance to staff and recommendations to the Village Council on issues related to stormwater management.

During the course of this project, the committee has received information on typical issues relating to stormwater infrastructure management, as presented by Clark Dietz and Village Public Works staff and provided input and direction on ordinance revisions and current local issues.

## ***Limitations of Study***

This Master Plan was developed to assist the Village in the development of a wide-ranging strategy to address stormwater infrastructure with respect to conveyance, stormwater quality, and the safety of residents.

This Master Plan Update is not intended to provide detailed recommendations for individual stormwater deficiencies. Site-specific analyses will be performed for problem areas as they are prioritized during the Capital Improvement Planning process.