

**LEGEND**

- Channel Improvement
- Project Alternative Locations
- DWP 100-year Inundation Area
- Major Road
- Other Streets
- River/Stream
- County Boundary
- Municipal Boundary

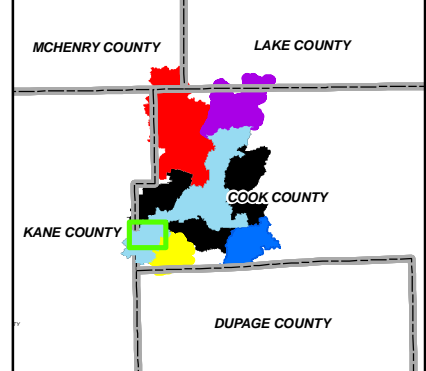
**Hey and Associates, Inc.**  
 Water Resources, Wetlands and Ecology  
 6321 N. AVONDALE AVENUE, SUITE A-211  
 CHICAGO, IL 60631  
 PHONE: (773) 792-8510  
 FAX: (773) 792-8512

Poplar Creek  
 Watershed Study Area  
 Detailed Watershed Plan

Poplar Creek Mainstem  
 Alternative PCMS-3

**Subwatershed:** Poplar Creek Mainstem  
**Alternative:** PCMS-3  
**Problem Description:**  
 Bank erosion occurs 20 feet upstream of the Villa Street crossing, threatening one structure.

**Alternative Descriptions:**  
 Provide 400 feet of streambank stabilization upstream of Villa Street.  
**Conceptual Level Cost:** \$715,672



**Benefits:** \$398,782      **B/C Ratio:** 0.56

Figure 3.1.5