



SANITARY SEWER COLLECTION SYSTEM UPGRADES

PROJECT DETAILS

LOCATION

Various service areas

ISSUE

Aging sanitary sewer pipe undersized for current and future build out

SOLUTION

Upsizing collection system in key areas to provide continuous service to multiple municipalities

BENEFIT

Upsized pipes to provide better flow to the treatment plants and reduce potential back-ups into houses and businesses

COST ESTIMATE

\$550,000—\$2,000,000 can be constructed in various locations and project size

US Representative Districts:
6 & 11

IL Senate Districts:
21 & 41

IL Representative Districts:
42, 81, & 82

County Board Districts: 3 & 5



PROJECT HISTORY & INFORMATION

DuPage County Public Works is responsible for approximately 240 miles of sanitary sewer pipe throughout DuPage County providing service to over 60,000 residents. About 70% of the pipe in the collection system is between 40-50 years old and was constructed when population estimates were smaller. As development and redevelopment has continued throughout DuPage County the existing system has shown choke points that need to be addressed with the most likely solution being upsizing of the collection system. Through continued maintenance and rehabilitation of the

existing system Public Works has increased the efficiency and reliability of the overall system. Projects in the area of Maple Avenue near Benedictine University that would provide increased capacity for the redevelopment that has occurred, eliminating surcharges during heavy rain events to convey flows to the Woodridge WWTP. The Nantucket Drive project would provide increased capacity in a secondary interceptor line to reduce the occurrence of any backups or sanitary sewer system overflows during significant rain events. Each project can be completed independently.