

**SEWER IMPROVEMENT PROJECT
PHASING PLAN**

Rank	Project # (in report)	Project Area Location	Project Description	2011/12 Year 0	2012/13 Year 1	2013/14 Year 2	2014/15 Year 3	2015/16 Year 4	2016/17 Year 5	2017/18 Year 6
1	10	Granville & Lincoln - Design	Installation of 50'-100' of new relief sewer on Granville west of Lincoln	\$8,025	\$53,500					
		Granville & Lincoln - Construction		\$20,063	\$133,750					
2	9	Western, south of Devon - Design	Installation of 400'-600' of new relief sewer on Western between Devon and Castle	\$56,175						
		Western, south of Devon - Construction			\$374,500					
3	7	Cumberland, Gillick to Belle Plaine - Design	Installation of 1100'-1300' of new relief sewer at two locations (Cumberland between Belle Plaine and Gillick and Talcott between Cumberland and Clifton)	\$121,178						
		Cumberland, Gillick to Belle Plaine - Construction								
4	8&12	Talcott Place, Courtland, Crescent, Ashland, Prospect & Granville - Design	Installation of a new relief sewer network of approx. 2200'-2500' of new relief sewer at three locations (Talcott Place from Vine to Prospect, Prospect from Granville to Glenlake, and Glenlake from Ashland to Vine)		\$807,850					
		Talcott Place, Courtland, Crescent, Ashland, Prospect & Granville - Construction			\$107,455					
5	6	Stewart & Warren, Stewart & Engel, Western and Belle Plaine - Design	Installation of a new relief sewer network of approx. 2600'-2800' of new relief sewer that starts near the intersection of Stewart and Warren and flows south and east toward Gillick and Lincoln			\$716,365				
		Stewart & Warren, Stewart & Engel, Western and Belle Plaine - Construction			\$24,797					
6	11	Chester, Bonnie to Bonita - Design	Installation of 500'-600' of new relief sewer on Chester between Bonnie and Bonita, and on Bonita between Chester and Greenwood		\$160,356					
		Chester, Bonnie to Bonita - Construction				\$165,315				
7	1A	Burton/Fenton, Parkside to Vernon - Design	Installation of 4500'-5000' of new relief sewer on Fenton and Burton between Parkside and Vernon, on Vernon between Burton and Farrell, and on Farrell between Vernon and Potter			\$1,069,037				
		Burton/Fenton, Parkside to Vernon - Construction			\$32,890	\$32,890				
8	ME	Mayfield Estates - Phase I	Upgrade or replacement of existing pump station, regrading roadside ditches and replacing driveway culverts, and establish overland flow routes throughout the subdivision (Phase I services only in Years 1-2)				\$164,448			
		Mayfield Estates - Design								
		Mayfield Estates - Construction						\$1,096,322		
9	4B	Country Club Area - 100-year conveyance with New Outfall to River and Detention Basin - Phase I	Construction of a new relief sewer network of approx. 12,500'-14,000' of new relief sewer from Greenwood and Lahon, flow south and west to a new outfall at the Des Plaines River near Sibley and Riverside Drive. The project also includes a new detention basin located in the Park Ridge Country Club (Phase I services only in Years 1-2)		\$230,558	\$230,558				
		Country Club Area - 100-year conveyance with New Outfall to River and Detention Basin - Design					\$1,152,791			
		Country Club Area - 100-year conveyance with New Outfall to River and Detention Basin - Construction					\$3,790,475	\$3,894,800		
10	5	Overhill & Lahon - Design	Installation of 1500'-1700' of new relief sewer on Lahon from Overhill to Wisner		\$68,052					
		Overhill & Lahon - Construction				\$453,680				
11	2A	Northwest Park Area - 10-year conveyance with New Outfall to River - Phase I	Construction of a new relief sewer network of approx. 15,000'-17,000' of new relief sewer from DeCook and Vernon (neighborhood east of Northwest Park), flowing south and west to a new outfall near Sibley and Riverside Drive (Phase I services only in Years 1-2)		\$174,881	\$174,881				
		Northwest Park Area - 10-year conveyance with New Outfall to River - Design						\$874,404		
		Northwest Park Area - 10-year conveyance with New Outfall to River - Construction						\$2,876,160	\$2,953,200	
12	1C	Burton/Fenton/DeCook - Maine East Detention Basin - Phase I	Construction of 700'-1000' of new relief sewer and a new detention basin at Maine East High School at the corner of Vern and Farrell (Only half of Phase I services included in Year 2)			\$125,511	\$125,511			
		Burton/Fenton/DeCook - Maine East Detention Basin - Design						\$627,555		
		Burton/Fenton/DeCook - Maine East Detention Basin - Construction							\$4,183,700	
TOTAL				\$205,440	\$2,168,588	\$2,968,237	\$1,442,751	\$5,761,201	\$7,398,515	\$7,136,900

Phase I includes preliminary engineering for feasibility and coordination, permitting, and meetings (assumed to be 6% of construction cost)

Phase II includes final design engineering, specifications, permitting, bid services, and meetings (assumed to be 15% of construction cost)

Phase III includes construction and construction inspection services (inspection services assumed to be 7% of base construction cost and is included in Phase III cost)

* Inflation assumed to be 3% per year starting in Year 2 (2013/14)

TOTAL COST (all projects): **\$27,081,632**