

**Recommended Flood Reduction Projects  
(not in order of priority)**

<u>Study Areas</u>	<u>Level of Protection</u>	<u>Total Project Cost</u>
1, 5, 6, 7, 9 and 10 (Winchester Road)	100-year	\$12,133,940
2 and 17 (Copeland Manor)	100-year	\$6,491,370
3 (Highlands Subdivision -1A)	50-year*	\$7,583,255
8 and 14 (East & West Ellis Ave.)	100-year	\$5,176,560
11 (Appley/2nd Intersection)	100-year	\$792,625
12 and 13 (Rockland Road)	100-year	\$7,329,830
15 and 18 (Liberty Bell Lane)	100-year	\$4,372,640
16 (Lange & Cook)	100-year	\$705,600
Carriage Hill	100-year	\$914,745
Harding & Willow	N/A	\$15,140
<b>Total Project Costs:</b>		<b>\$45,515,705</b>

\*It is recommended during final engineering design that this project be optimized to provide the most cost effective level of protection between the 50-year and 100-year frequency events that benefits the most number of structures. This may also involve including project alternatives 1B and 1C as bid alternates to the competitively bid recommended project 1A. Consideration will also be given to constructing the larger diameter storm sewers for alternatives 1B and/or 1C as part of project 1A so that these larger diameter storm sewers would be in place for a potential future expansion of the flood storage basin as future funding or conditions dictate.