



Parcels Impacted by Stormwater Current Condition vs. Proposed Solution (Alternative #1)

Christopher Burke Engineering has prepared the table below identifying the number of properties (as opposed to foundations) which are impacted by flood waters during various storm events:

Storm Event	Flooded Parcels* Existing (% of total)	Flooded Parcels* Alternative 1 (% of total)	% Reduction
100 yr	3,086 (57%)	2,366 (43%)	23%
50 yr	2,661 (49%)	1,804 (33%)	32%
25 yr	2,151 (40%)	1,219 (22%)	43%
10 yr	1,441 (26%)	132** (2%)	91%

*Parcels with flood water up to or beyond the property line.

**Parcels with no street flooding but property elevations below the 10-year flood elevation.

Note: There are 5,444 parcels west of Ridge.

Per Burke's engineers, the reason 132 parcels appear to still flood during a 10-year storm event is because "The 10yr number includes parcels that potentially have an isolated low spot or parcels with an anomaly associated with the map creation. There is not water on the streets, but some of the parcels have small areas below the 10-year flood elevation - whether real or as a result of anomalies in the Cook County LIDAR mapping data. These areas are limited to parks in most cases."