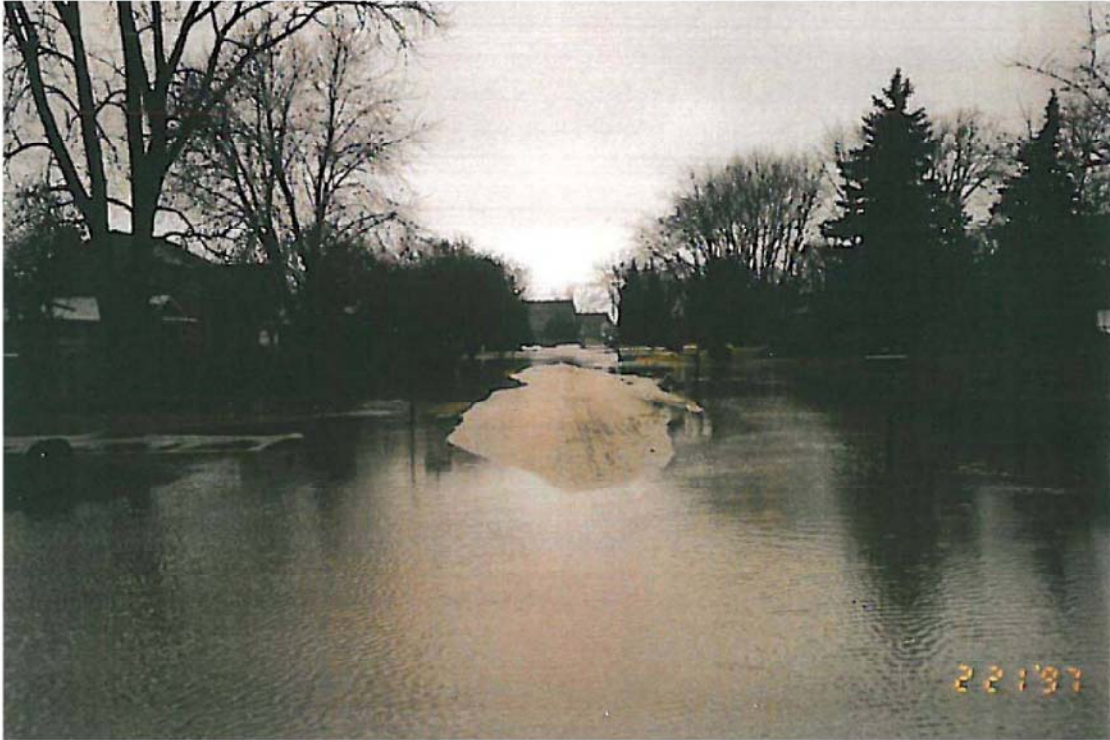


Project 16
Sunny Acres (Pamella Lane, Constance Lane)



Pamella Lane Flooding



Property Flooding along Pamella Lane

PROJECT 16
SUNNY ACRES
(Pamella Lane, Constance Lane)

Statement of Conditions:

The existing drainage system, consisting of a combination of ditches and culverts, is over 50 years old, and runoff has increased due to properties being redeveloped. The system cannot adequately convey storms of moderate to high intensities. The original drainage outlets are small with respect to the large drainage area they serve. Flood overflow paths are limited and, consequently, low lying areas within the subdivision are subject to ponding.

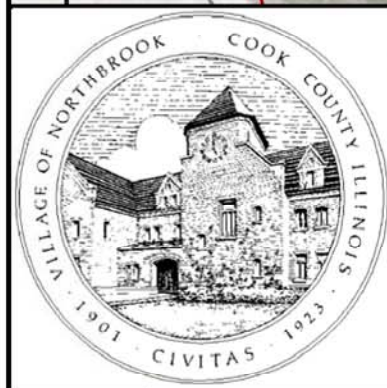
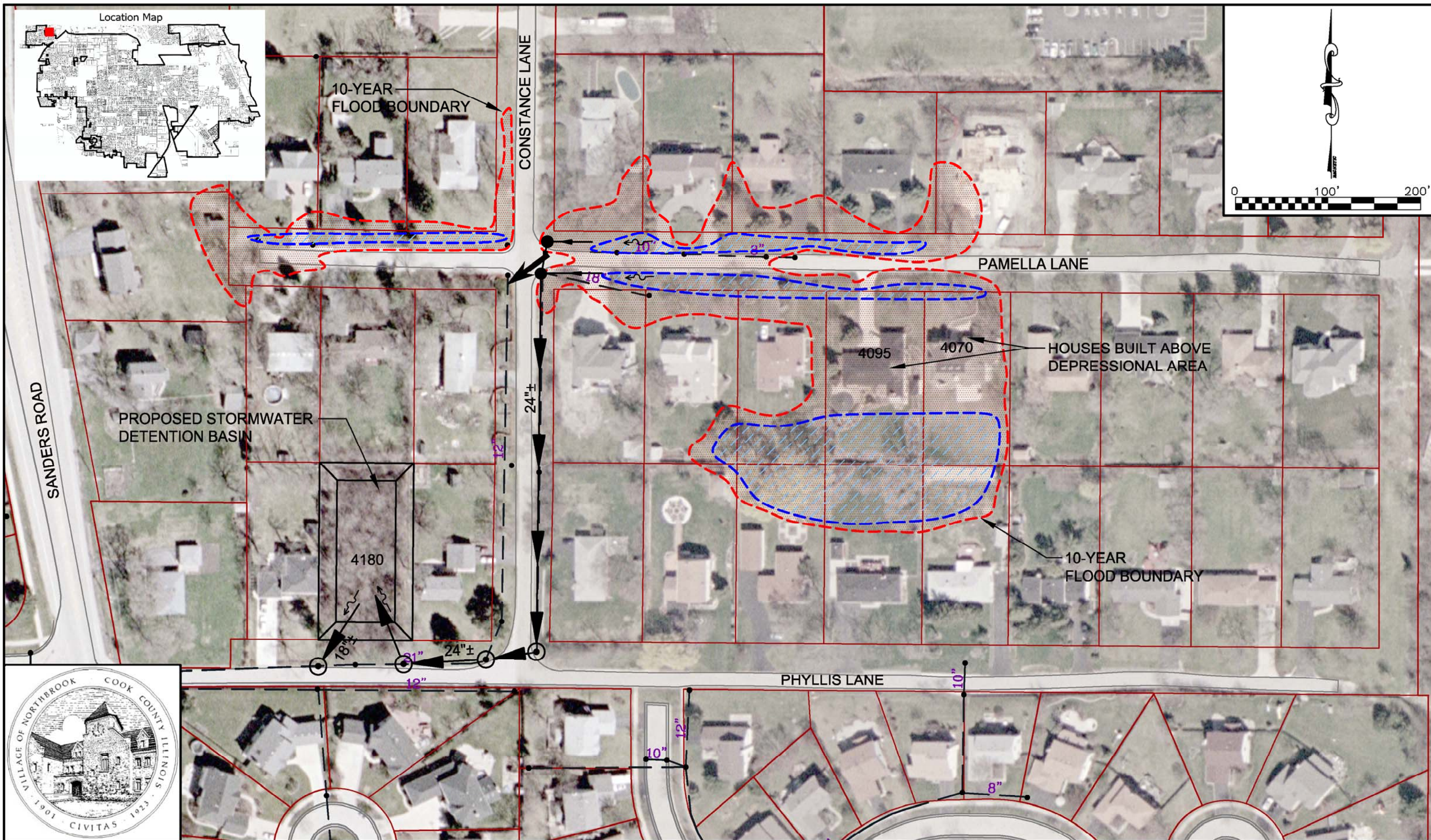
Problem Identification:

Street, front yard, back yard and structure flooding

Recommended Plan:

- Improve Pamella Lane outlet by constructing a low flow storm sewer down Constance Lane to proposed stormwater detention facility
- Construct a 1.0± acre-foot stormwater detention facility on vacant property at 4180 Phyllis Road
- Improve drainage collection system by providing additional inlets near Pamella/Constance intersection

Estimated Total Cost	Construction Cost	Property Cost	Engineering Cost	B/C Ratio	Optimum Protection
\$614,000	\$186,000	\$400,000	\$28,000	4.16	10-yr



SUNNY ACRES (PAMELLA LANE, CONSTANCE LANE)

PROJECT 16