

Project 13 Ridge Road/Lee Road



Lee Road near Ridge Road



Lee Road at Ridge Road

PROJECT 13
RIDGE ROAD/LEE ROAD

Statement of Conditions:

A majority of the Ridge Road drainage system is 45-55 years old and cannot adequately convey storms of moderate to high intensities. Conditions are further aggravated by increased runoff due to more recent development that drains to that system. Flood overflows that exceed the system's capacity pond in a low area located just west of Lee Road.

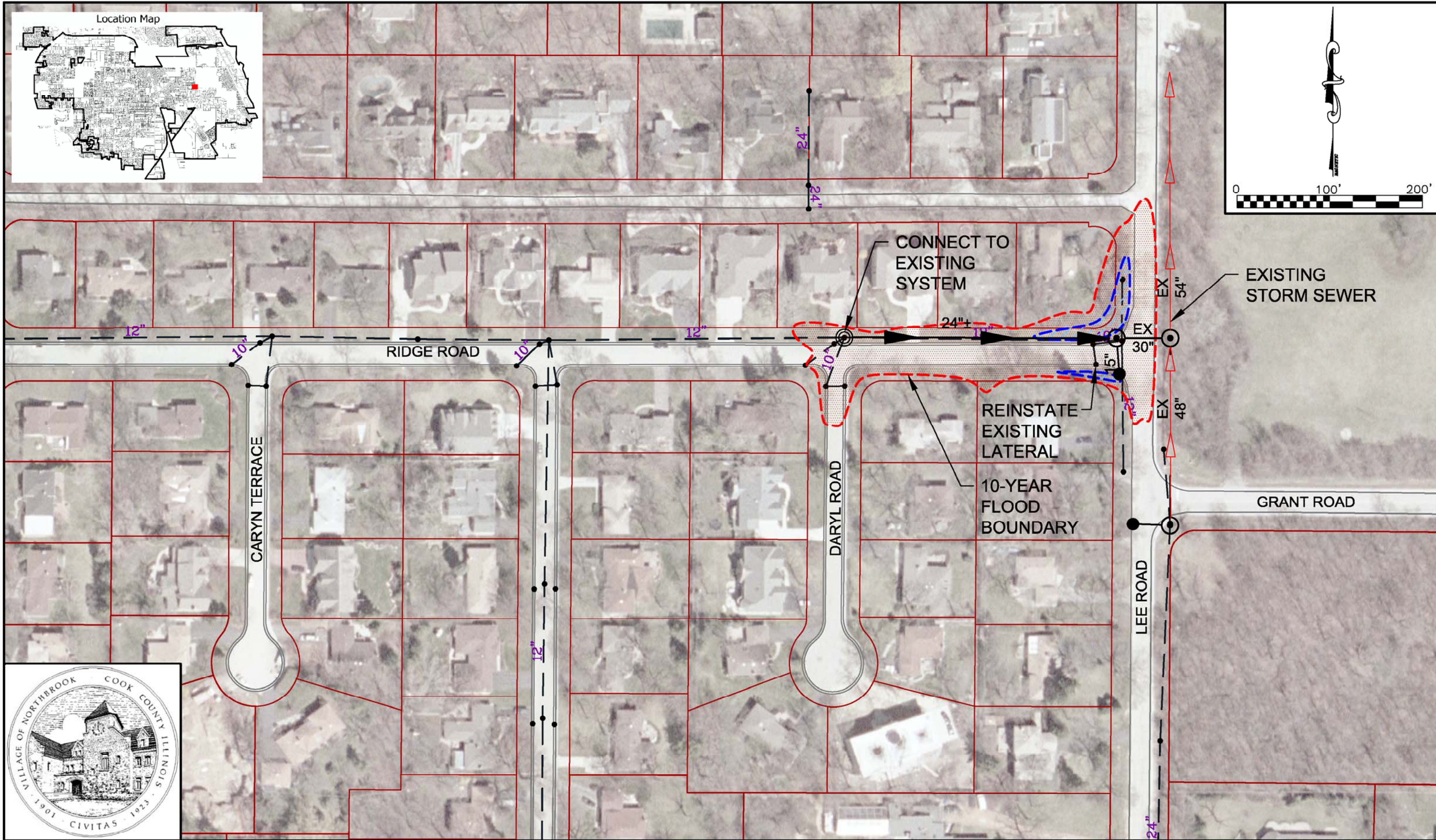
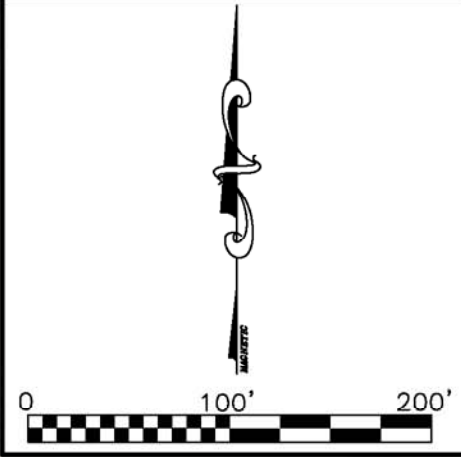
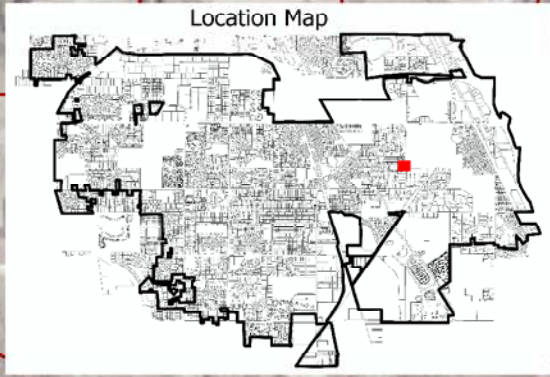
Problem Identification:

Street and front yard flooding

Recommended Plan:

- Improve inlet capacity along Ridge Road by constructing additional inlet structures at Daryl Road and Lee Road intersections
- Improve conveyance from Daryl Road to Lee Road by constructing a larger storm sewer
- Improve flood overflow conveyance at Lee Road by depressing curb and completing minor ditch re-grading

Estimated Total Cost	Construction Cost	Property Cost	Engineering Cost	B/C Ratio	Optimum Protection
\$60,000	\$52,000	N/A	\$8,000	0.35	10-yr



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