

**Project 22
Woodlawn Road
(Penfold Place to Shermer Road)**



2000 Block of Woodlawn Road

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WOODLAWN ROAD
(Penfold Place to Shermer Road)

Statement of Conditions:

The existing drainage system, a collection of ditches and culverts, is over 50 years old (Northbrook Park Subdivision, recorded 1946), and runoff has increased due to properties being redeveloped. The system cannot adequately convey storms of moderate to high intensities. This system also serves as the outlet for Sunset Fields and areas of Northbrook Park Subdivisions.

Problem Identification:

Street, front yard and back yard flooding

Recommended Plan:

- Improve drainage collection system by adding inlet structures
- Improve low flow conveyance by regrading ditches and replacing damaged, crushed and nonstandard undersized driveway culverts

Estimated Total Cost	Construction Cost	Property Cost	Engineering Cost	B/C Ratio	Optimum Protection
\$140,000	\$122,000	N/A	\$18,000	0.23	10-yr

