

Project 15 Shermer Road Underpass



Shermer Road Underpass, Looking North



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PROJECT 15
SHERMER ROAD UNDERPASS

Statement of Condition:

This location is included in the IDOT District One Pavement Flooding Prioritization 2009 Annual Report, Arterial Routes, Shermer Road at Willow Road (S/O @ Railroad Viaduct). The underpass drainage system is likely older than 50 years and cannot adequately convey storms of moderate to high intensities. Conditions are further aggravated by major storm flood overflows from more recent development which drains to that system. The underpass drains to a flat, heavily vegetated ditch located along the easterly side of the railroad embankment, outletting to the Willow Road drainage system.

Problem Identification:

Underpass flooding requiring road closures (4 pavement flooding incidents reported since 1985)

Recommended Plan:

- Improve roadway collection system by constructing additional inlets and laterals
- Improve conveyance by constructing a new storm sewer to the Willow Road drainage system
- Continue to coordinate with IDOT to achieve recommended improvements

Estimated Total Cost	Construction Cost	Property Cost	Engineering Cost	B/C Ratio	Optimum Protection
\$332,000	\$289,000	N/A	\$43,000	0.04	50-yr

Note: Costs should be paid by IDOT

