



# Illinois Department of Transportation

## Memorandum

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To: Studies and Plans Squads PPM 60-06  
From: C. D. Latham Revised by: Tim Brandenburg  
Subject: Sub-Surface Drainage on Curves  
Date: September 17, 1987 Revision Date: April 22, 2004

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### PLAN PREPARATION MEMORANDUM 60-06

#### BACKGROUND

This memorandum revises Plan Preparation memorandum 87-190.P, Sub-Surface Drainage on Curves and supplements Article and Section 601 of the Standard Specifications and Highway Standards, respectively, in providing uniformity of District preference regarding sub-surface drainage on the low side of superelevated curves.

#### PROCEDURE

When resurfacing jointed pavement under the following conditions, drainage from under the pavement on the low side of superelevated curves should be taken care of to prevent seepage up through the surface course:

1. Pavement with existing stabilized shoulders.
2. Proposed stabilized shoulders included with resurfacing.
3. Widening to be included with the resurfacing.
4. Six (6) inch thick safety shoulder included with the resurfacing.

If the roadside ditch is deep enough, Sub-Surface Drains should be placed along the edge of the existing pavement on the low side of superelevated curves. If the side ditch is not deep enough to drain sub-surface drains, omit the sub-surface drains and use a French drain at each joint in the pavement.