



Illinois Department of Transportation

Memorandum

To: Studies and Plans Squads PPM 70-06
From: James M. Sullivan Revised: Tim Brandenburg
Subject: Shoulder Detour Lengths and Materials
Date: November 8, 2001 Revision Date: December 6, 2006

PLAN PREPARATION MEMORANDUM 70-06

BACKGROUND

This memorandum revises Plan Preparation Memorandum 01-237.P, Shoulder Detour Lengths and Materials and supplements Chapter 55-3.03 of the BDE Manual in providing uniformity of District preference concerning shoulder detour lengths and materials for stage construction. All earlier versions of the Plan Preparation Memorandum are included in the above referenced BDE Chapter and Section.

PROCEDURE

Studies and Plans Members should utilize BDE Chapter 55 during the design of shoulder detour lengths. Numerous examples of State construction Plan Details exist in CADD files and should also be a helpful tool during design.

To avoid conflicts with a stop condition, the shoulder detour should not extend beyond the stop bar. However, consideration of an aggregate wedge should be given to correct any shoulder drop-offs.

For shoulder detours, the designer should normally give the contractor the option of whether to use hot-mix asphalt base course or pcc base course. Thickness designs for each can be provided by the District's pavement designer, and the alternate designs conveyed in the District Special Provision "Base Course (Option)". Exceptions to this practice should be coordinated through the Project Engineer.

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