



Illinois Department of Transportation

Memorandum

To: Studies and Plans Squads PPM 50-06
From: C. D. Latham Revised By: Tim Brandenburg
Subject: Pipe Culvert End Sections
Date: August 28, 1987 Revision Date: December 5, 2006

PLAN PREPARATION MEMORANDUM 50-06

BACKGROUND AND PROCEDURE

Headwalls or End Sections are not mandatory on pipe culverts for entrances. In the past, we have had complaints about metal pipe culverts with damaged ends causing problems with drainage and cleaning. The FHWA has complained about pipe culverts under entrances with 6:1 slopes having too much pipe exposed.

We have made a cost comparison of end sections versus pipe culvert and the cost of the end sections is not much higher, considering the advantages.

On entrances and sideroads with sideslope of 3:1 or flatter, specify End Sections unless there is a width restriction in the ditch flowline.

If Corrugated Polyethylene Culvert Pipe is used, either aluminum or steel end sections are permitted. The pay item will remain End Sections of the specified type.

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