

IOWA DEPARTMENT OF TRANSPORTATION

To Office	Bridges and Structures	Date	June 6, 2005
Attention	All Employees	Ref No.	521.1
From	Gary Novey		
Office	Bridges and Structures		
Subject	Method's Memo No. 107 (Integral Abutment and Pier Cap Detailing)		

For integral abutments and pier caps on skews and / or superelevation, consider sloping the bottom of the abutment footing or pier cap if the difference in the low to high step elevations is over 1'-6 (450 mm).

In addition, column heights for frame piers on piling should be equal unless more than 3'-0 (900 mm) of additional excavation is required. If over 3'-0 (900 mm) additional excavation would be required discuss the situation with your section leader.

The changes shall be made to all bridges currently being detailed.

GAN:dgb:bj