



g = Normal cross-slope  
e = Full superelevation (%)

Refer to curve data contained in the project plans for tangent runoff length (x), runoff length (L), and full superelevation (e).

- ① See other drawings for shoulder details
- ② 'Y' = Total Thickness of Wedge and Surface Mat.
- ③  $m = 30\%$  of Runoff Length (L). If the existing cross slope at the PC/PT exceeds 70% of the proposed 'e', determine the value of 'M' using the following formula:

$$m = L - \left[ \frac{(L)(E)}{(e)} \right]$$

E = Existing Cross Slope at PC/PT (%)  
e = Full Superelevation (%)  
L = Runoff Length (L)

Possible Tabulation:  
Tabulation: 101-8

 Iowa Department of Transportation	REVISION
	1    04-16-13
STANDARD ROAD PLAN	RR-25
SHEET 1 of 1	
REVISIONS: Removed superelevation table. Added Designer Info button. Revised notes. Updated drawings.	
APPROVED BY DESIGN METHODS ENGINEER	
HMA WEDGE FOR SUPERELEVATION	