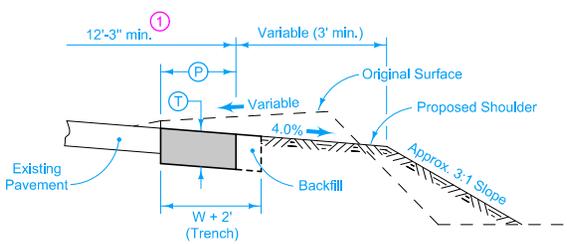
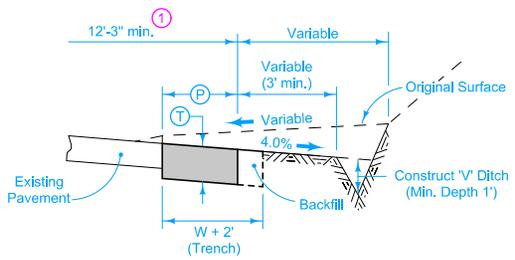


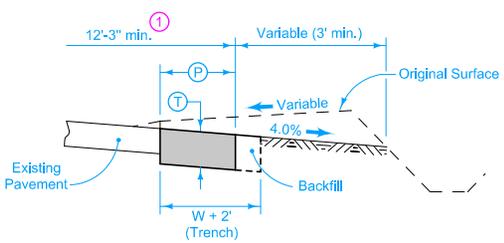
**PAVEMENT WIDENING**



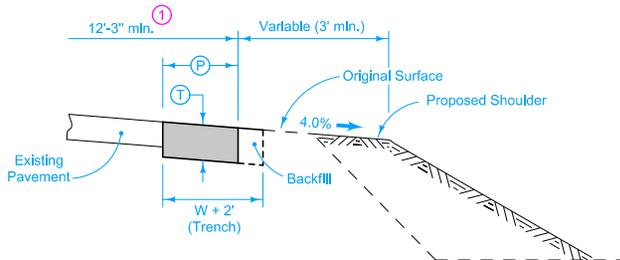
TYPE 'A'



TYPE 'B'



TYPE 'C'



TYPE 'D'

**SHOULDERS FOR PAVEMENT WIDENING**

'P' and 'T' are specified by the individual project plans. Dimensions may vary for superelevated curves or at locations specifically designated by the Engineer.

For joints in the widening unit, refer to the Standard Specifications and PV-101.

Install contraction joints adjacent to all existing joints or at the interval specified on the plans. Extend existing expansion joint through the widening unit. This work is incidental to other work on the project.

Construct special shaping of widening units through bridge approach sections as directed by the Engineer. The joint between the widening unit and the end of a bridge consists of a 3 inch wide joint filled with full depth bituminous resilient filler as specified in Article 4136.03, A of the Standard Specifications

Excavation in excess of that indicated is incidental to other work on the project.

- ① Minimum surface dimension is based on accommodating 3 inches of resurfacing. Where thickness other than 3 inches is provided, modify the surface width appropriately.
- ② 'BT-3' placed at mid-height unless noted otherwise.
- ③ For ramps and superelevated curves, match the cross-slope of the widening unit to the existing pavement.
- ④ See Section 2514 (for Portland Cement Concrete Widening) or Section 2213 (for Base Widening) of the Standard Specifications.

Possible Contract Items:  
 Portland Cement Concrete Pavement Widening  
 Base Widening, Portland Cement Concrete  
 Removal of Curb  
 Removal of Flumes  
 Shoulders  
 Excavation, Class 13, For Widening  
 Special Backfill

Possible Tabulations:  
 106-5  
 106-4  
 110-4  
 110-3

 <b>Iowa Department of Transportation</b>	REVISION NEW 10-15-13
	<b>PV-105</b> SHEET 1 of 1
REVISIONS: New, Replaces RG-1.	
 APPROVED BY DESIGN METHODS ENGINEER	
<b>PCC PAVEMENT WIDENING</b>	