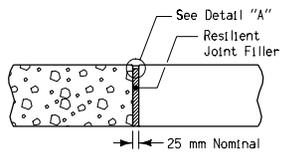


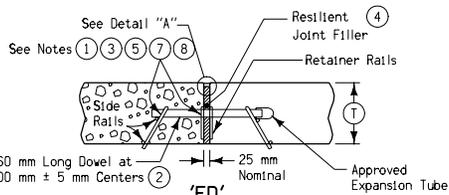
'CF' JOINT

- 'CF-1'  
Width of 50 mm.
- 'CF-2'  
Width of 65 mm.
- 'CF-3'  
Width of 75 mm.



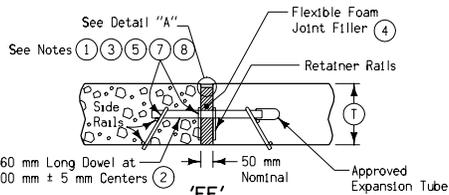
'E'

25 mm EXPANSION JOINT



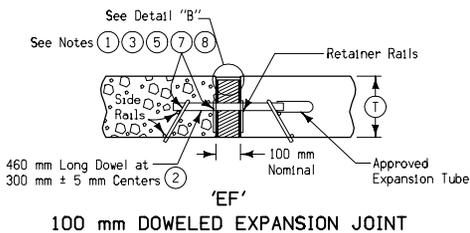
'ED'

25 mm DOWELED EXPANSION JOINT



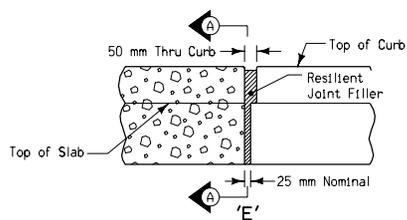
'EE'

50 mm DOWELED EXPANSION JOINT



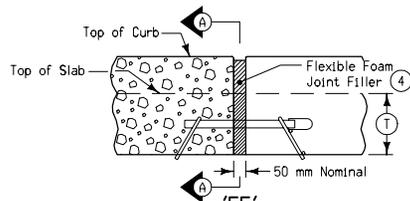
'EF'

100 mm DOWELED EXPANSION JOINT



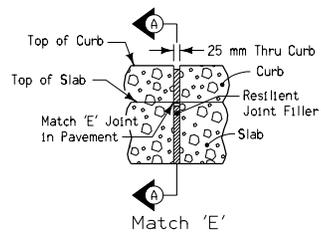
'E'

JOINT IN CURB  
(View at Back of Curb)



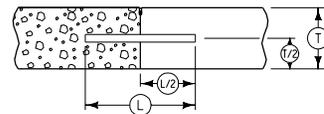
'EE'

JOINT IN CURB  
(View at Back of Curb)

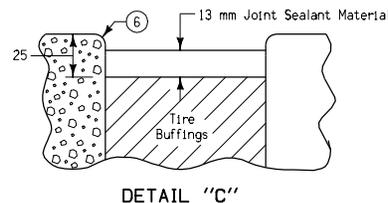
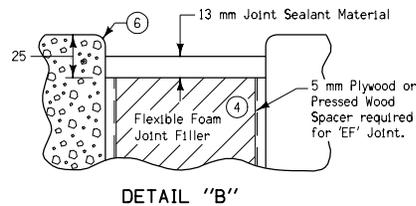
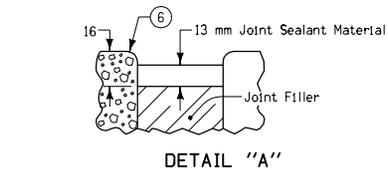
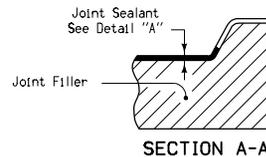


Match 'E'

'ES'  
JOINT IN CURB  
(View at Back of Curb)



TYPICAL DOWEL PLACEMENT  
Applies to all joints unless otherwise detailed.



BAR SIZE TABLE			
①	< 200 mm	≥ 200 mm but < 250 mm	≥ 250 mm
Dowel Diameter (minimum)	19	31	38

- ① The free moving ends of dowel support assembly shall be placed alternately across joints.
- ② Refer to Bar Size Table.
- ③ The free end of dowel bar shall be coated prior to placement of second slab to prevent bond with that portion of pavement.
- ④ Holes for Joint Material shall be predrilled or preformed for appropriate dowel size.
- ⑤ Bars in Transverse Joints shall be placed according to Standard Road Plan RH-58.
- ⑥ Edge with 5 millimeter tool for length of joint indicated if formed; edging not required when cut with diamond blade saw.
- ⑦ Weld side opposite Expansion Tube.
- ⑧ See Standard Road Plan RH-56 for dowel assembly fabrication details.

All dimensions given in millimeters unless noted.

<b>M</b> <b>METRIC VERSION</b>	Iowa Department of Transportation Highway Division	
	<b>STANDARD ROAD PLAN RH-52</b>	
	REVISION: Change Dowel size to Dowel Diameter in table; add note 8.	REVISION NO. 9
	<i>William J. Stein</i> APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 04-19-05
<b>JOINTS (EXPANSION)</b>		