



"WIDENING AND OVERLAY"

SURFACING DIMENSIONS

$$W_s = W_p + 2Z$$

$$Z = 5(T + D_3 + D_4)$$

$$X = 5(D_1 + D_2 + D_3 + D_4)$$

$$S_1 = (X - 5D_1) / D_2$$

$$S_2 = (X - 5D_1) / (D_2 + D_3)$$

In cases of a single lift overlay, $D_2 = 0$

EXAMPLE

$$\text{IF } D_1 = 50\text{mm}$$

$$D_2 = 50\text{mm}$$

$$D_3 = D_4 = 80\text{mm}$$

$$\text{THEN } S_1 = \frac{5(50+50+80+80) - 5(50)}{50} = 21$$

$$S_2 = \frac{5(50+50+80+80) - 5(50)}{(50 + 80)} = 8$$

SUPERSEDED

△			
△			
△	Standard Cross-Sections and note added	PM	01-03
No.	REVISIONS	BY	DATE

Approved:	
Executive Director, Technical Standards Branch	
Date: JULY, 2002	

**PAVEMENT SIDESLOPE AT VARIOUS STAGES
OF "WIDENING" TYPE PROJECTS
FOR RFD/RAD 616.6, RFD/RAD 412.4,
RAU 213, RAU 212, AND RAU 211**

Prepared By: M.T.	Checked By: V.K.G.	Scale: N.T.S.	Dwg No.: CB6-3.50M8
----------------------	-----------------------	------------------	------------------------