

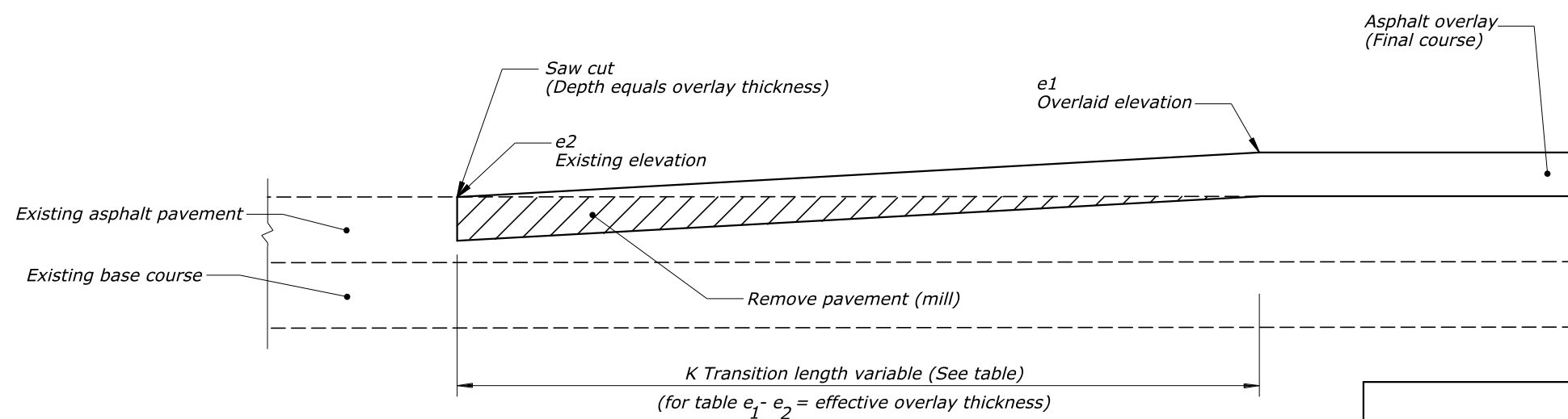
**NEW PAVEMENT**

**NOTE :**

Provide a transition length in feet that is not less than the value obtained by multiplying the effective overlay thickness in inches (difference between the existing and overlaid elevations) by the K value from the Table for the posted speed of the roadway.

Use  $K*[e1-e2]=T$ , or  $K*[d1-d2]=T$  (whichever applies), to obtain the transition length.  
(Minimum transition length=30 feet)

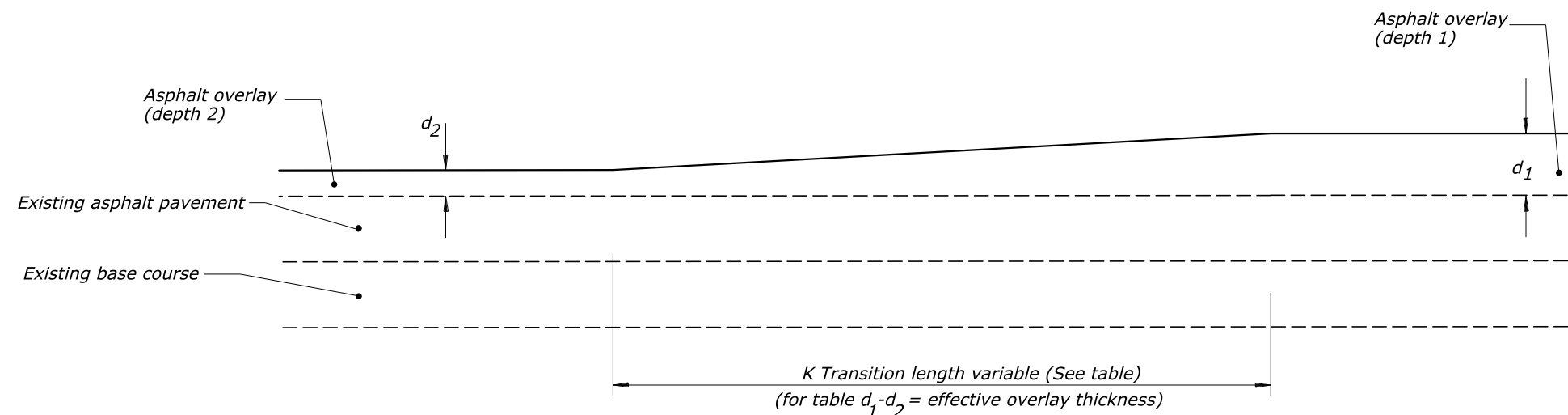
Example :  
If the posted speed is 55 MPH  
Effective overlay thickness = 2 inches  
Then the minimum transition length =  
2 inches x 42.5 ft./in. = 85 feet.



**OVERLAY**

<b>K VALUE TABLE (ft/in)</b>										
POSTED SPEED (MPH) *	30	35	40	45	50	55	60	65	70	75
K	30	32.5	35	37.5	40	42.5	45	47.5	50	52.5

\* Use a K Value of 30 for speeds less than 30 MPH.



**OVERLAY - DEPTH TRANSITIONS**

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION EASTERN FEDERAL LANDS HIGHWAY DIVISION	
U.S. CUSTOMARY DETAIL	
<b>PAVEMENT TRANSITIONS</b>	
DETAIL APPROVED FOR USE	DETAIL
APPROVED : FEBRUARY 2013	E401-01