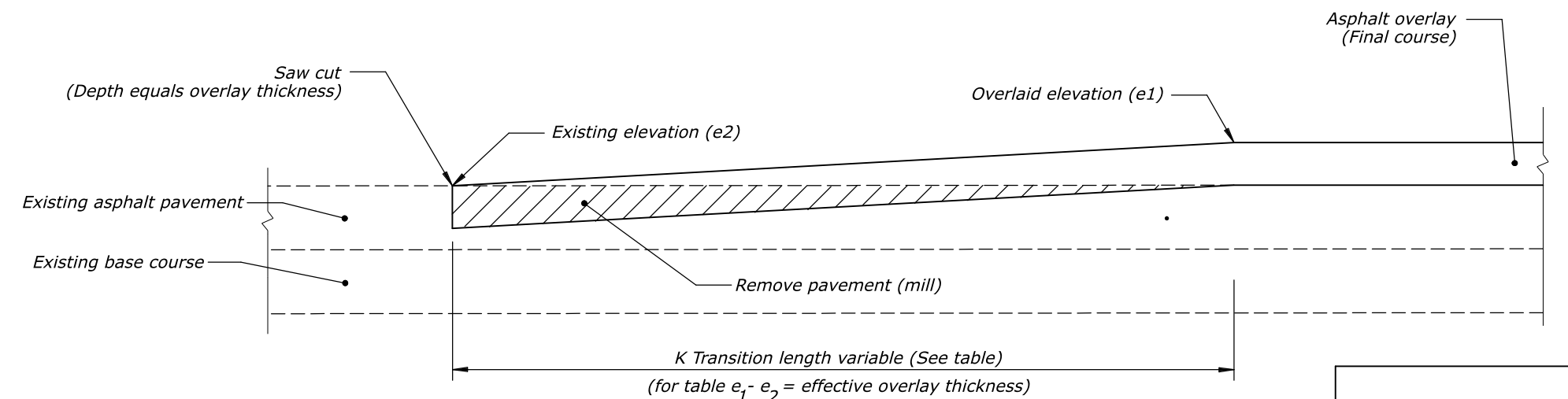


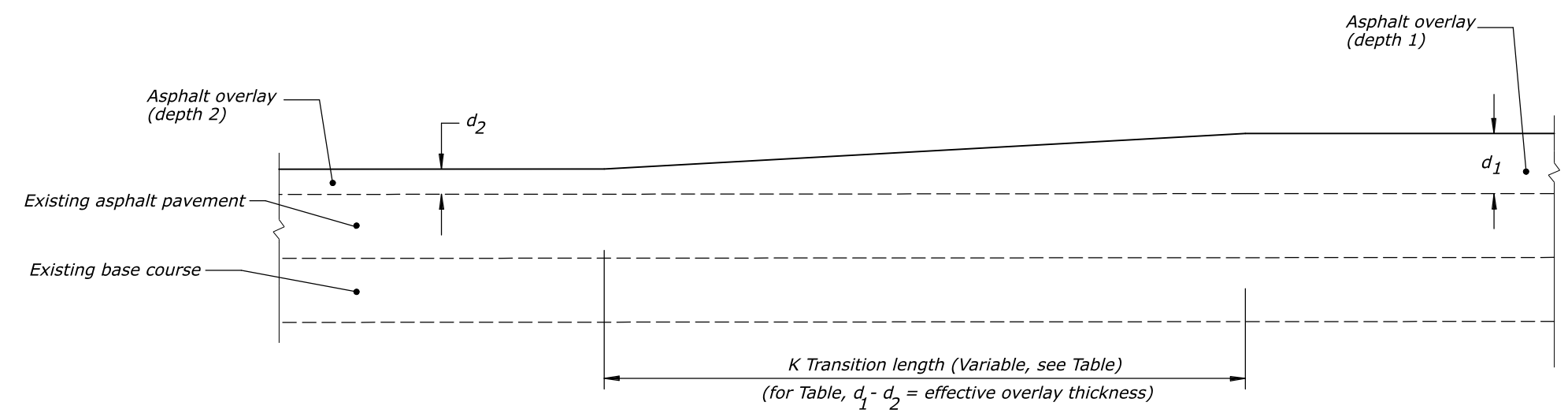
NEW PAVEMENT



OVERLAY

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

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 $K*[e_1 - e_2] = T$, or $K*[d_1 - d_2] = T$ (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.

U.S. DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 OFFICE OF FEDERAL LANDS HIGHWAY

EFLHD DETAIL

PAVEMENT TRANSITIONS

DETAIL APPROVED FOR USE
 APPROVED: FEBRUARY 2013
 REVISED: SEPTEMBER 2020

DETAIL
 E401-01

NO SCALE