



K VALUE TABLE ft/inch								
POSTED SPEED MPH	30	35	40	45	50	55	60	65
K	1.7	19	22	24	27	30	32	35

EXAMPLE:
 IF THE POSTED SPEED IS 55 MPH.
 EFFECTIVE OVERLAY THICKNESS = 2".
 THEN THE MINIMUM TRANSITION
 LENGTH = 2" x 30 ft/in = 60'

PAVEMENT TERMINATION – RESURFACING

NOTES:

N.T.S.

1. THE COST OF ALL WORK ASSOCIATED WITH PAVEMENT TERMINATION (NEAT CUT, TACK COAT, PAVEMENT REMOVAL) SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ASPHALT ITEMS. TACK COAT SHALL MEET THE REQUIREMENTS OF SECTION 702-F OF THE STANDARD SPECIFICATIONS.
2. IF BINDER COURSE IS LEFT EXPOSED OVER WINTER, IT SHALL BE KEYED INTO THE EXISTING PAVEMENT WITH A 3" DEEP RECESS.
3. THE TRANSITION LENGTH IN FEET SHALL NOT BE LESS THAN THE VALUE OBTAINED BY MULTIPLYING THE EFFECTIVE OVERLAY THICKNESS IN INCHES (DIFFERENCE BETWEEN THE EXISTING AND THE OVERLAID ELEVATIONS) BY THE K VALUE FROM THE TABLE FOR THE POSTED SPEED OF THE HIGHWAY OR AS ORDERED BY THE ENGINEER. THE MINIMUM TRANSITION LENGTH IS 30 FEET. SEE EXAMPLE AND TABLE.
4. IN THE TRANSITION AREA, PAVEMENT COURSES OTHER THAN THE TOP COURSE, SHALL BE FEATHERED OUT USING TOP COURSE OR OTHER APPROPRIATE MATERIAL. PAYMENT SHALL BE MADE UNDER THE APPROPRIATE ITEM.

JULY 2010

REVISIONS		TOWN OF BATAVIA
DATE	COMMENTS	HIGHWAY & STORM SEWER DETAILS
		PAVEMENT TERM. – RESURFACING
		DRAWING HS-25