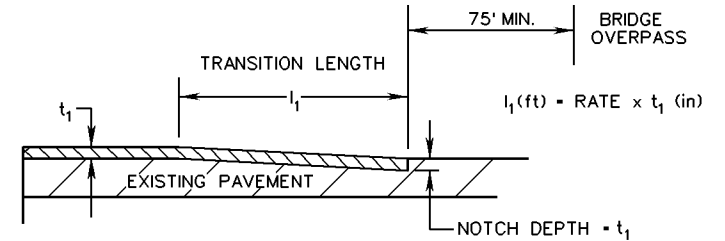


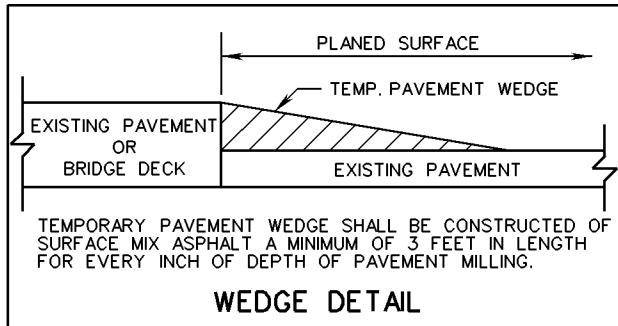
NOTES

1. ASPHALT OVERLAY TRANSITION SHALL BE USED TO PROVIDE A SMOOTH TRANSITION BETWEEN ASPHALT CONCRETE OVERLAY AND EXISTING PAVEMENT SURFACE, BRIDGE DECKS, AND BRIDGE OVERPASSES WITH AT LEAST 1" OF GRADE CHANGE, AS SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER.
2. TOP COURSE SHALL BE NOTCHED. SUBLAYERS SHALL BE FEATHERED WHEN OVERLAYING CONCRETE PAVEMENTS. SUBLAYERS MAY BE NOTCHED WHEN OVERLAYING ASPHALT PAVEMENTS.
3. ASPHALT CONCRETE OVERLAY TRANSITION SHALL END/BEGIN A MINIMUM OF 75 FEET FROM THE VERTICAL PROJECTION OF THE NEAREST OUTER FACE OF THE BRIDGE STRUCTURE OF THE OVERPASS.
4. THE ASPHALT CONCRETE OVERLAY TRANSITION SHALL CONFORM TO THE REQUIREMENTS OF THE ASPHALT FINISHING SECTIONS OF THE CURRENT ROAD AND BRIDGE SPECIFICATIONS.
5. NO OVERLAY SHALL BE PERMITTED ON THE BRIDGE DECK (OVERLAY OR MILL/REPLACE) WITHOUT THE PRIOR WRITTEN APPROVAL FROM THE DISTRICT BRIDGE ENGINEER.

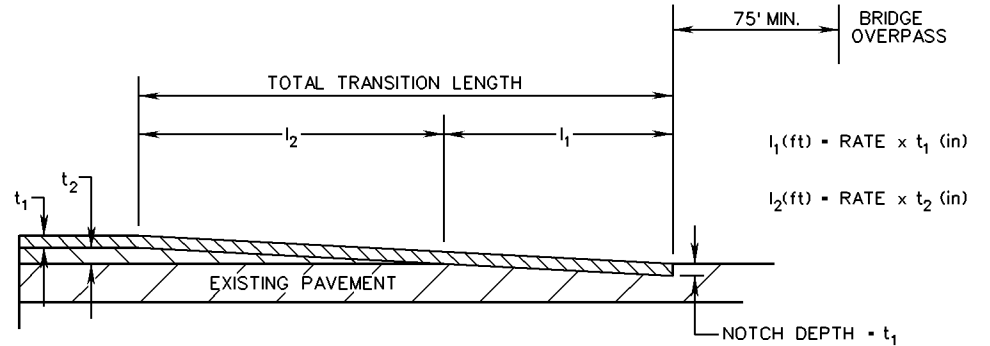


SINGLE COURSE OVERLAY TRANSITION GEOMETRY

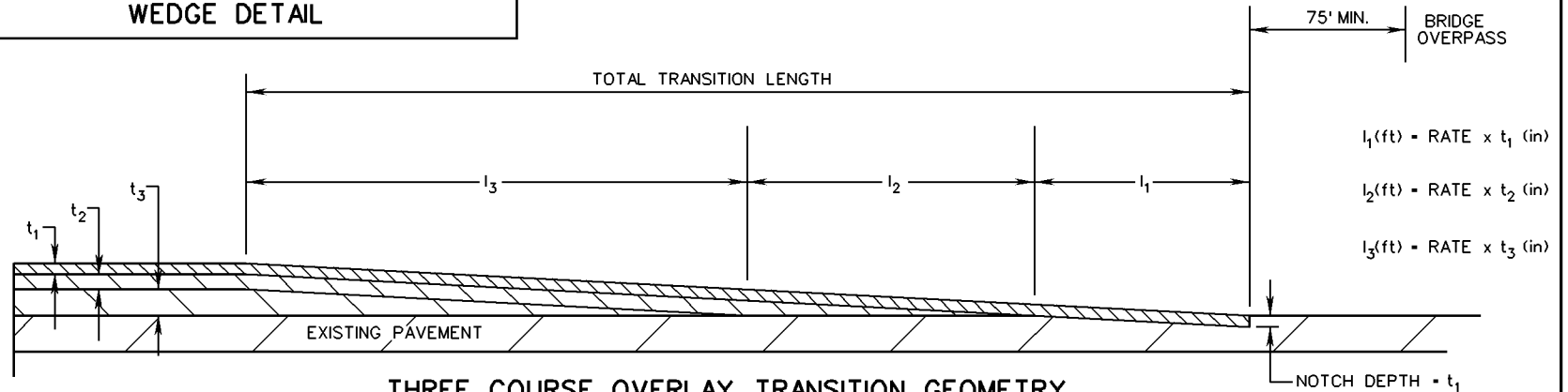
TRANSITION RATE		POSTED SPEED MPH					
		25	35	45	55	65	70
RATE (FT/INCH)		20	25	35	40	45	50



WEDGE DETAIL



TWO COURSE OVERLAY TRANSITION GEOMETRY



THREE COURSE OVERLAY TRANSITION GEOMETRY

SPECIFICATION REFERENCE

210
315
515

A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.

ASPHALT CONCRETE OVERLAY TRANSITION

VIRGINIA DEPARTMENT OF TRANSPORTATION

VDOT

ROAD AND BRIDGE STANDARDS

REVISION DATE

08/10

SHEET 1 OF 1

305.01