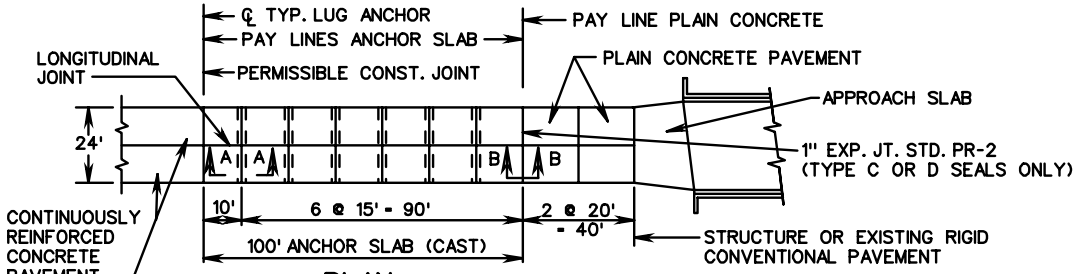
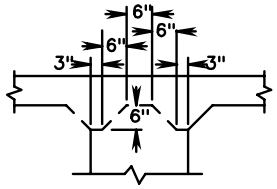
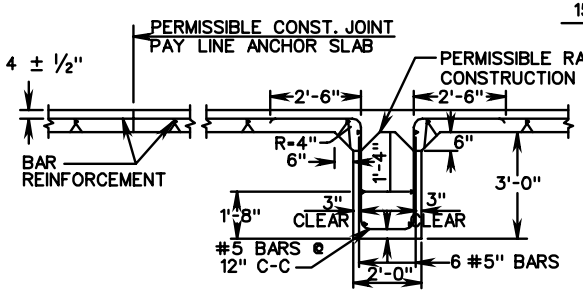


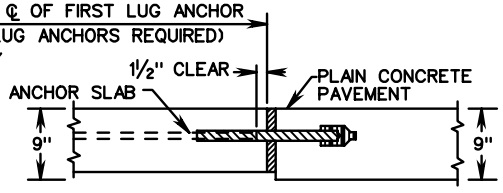
PLAN



DETAIL-RAISED KEY CONSTRUCTION JOINT



SECTION A-A



NOTE: FOR DOWEL & JOINT DETAILS SEE DETAIL OF TRANSVERSE EXPANSION JOINT PR-2

SECTION B-B

ANCHOR SLAB TYPE I

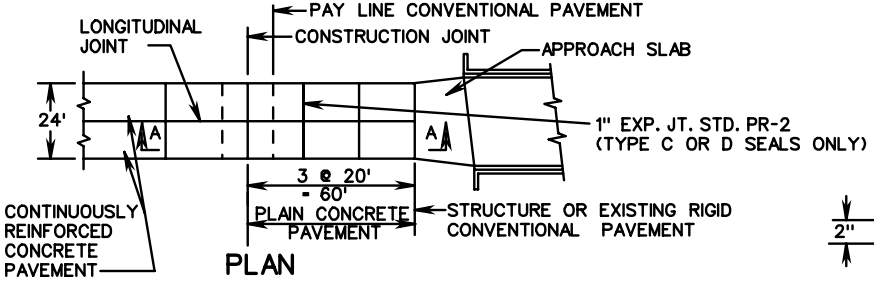
(FOR USE ADJACENT TO PLAIN CONCRETE PAVEMENT)

NOTES:

CONCRETE FOR LUG ANCHORS SHALL BE POURED AGAINST COMPACTED SUBGRADE. CONCRETE FOR LUGS AND ANCHOR SLAB MAY BE POURED MONOLITHICALLY OR POURED USING RAISED KEY CONSTRUCTION JOINT METHOD.

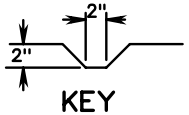
ADEQUATE CONSOLIDATION OF CONCRETE IN LUGS WILL BE OBTAINED WITHOUT DISPLACING LONGITUDINAL CONTINUOUS STEEL, BY THE USE OF INTERNAL VIBRATION.

WHEN LESS THAN FULL WIDTH LUG AND PAVEMENT SLAB IS PLACED, THE #5 TRANSVERSE STEEL IN THE LUGS SHALL BE EXTENDED, LAPPED AND SPLICED AT LEAST 25 DIAMETERS.



PLAN

WF BEAM (WEIGHT AND DIMENSIONS)					
CRCP THICKNESS	EMBEDMENT IN "SUB SLAB"	WF BEAM SIZE	FLANGE		WEB THICKNESS
			WIDTH	THICKNESS	
9"	6"	14 X 61	10"	5/8"	3/8"



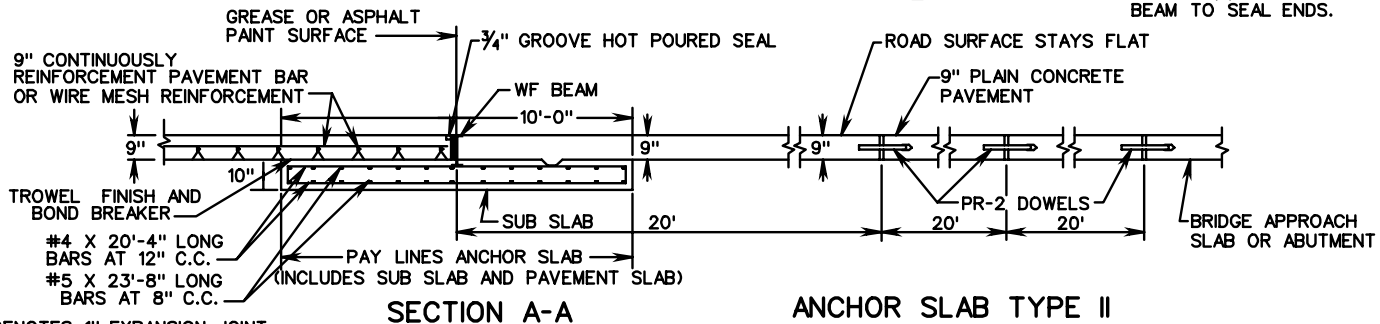
KEY

NOTES:

CONCRETE SHOULD BE ADEQUATELY VIBRATED UNDER BEAM FLANGE TO ELIMINATE HONEYCOMB.

2" MIN. CONCRETE COVER FOR STEEL IN SUB-SLAB.

WELDED 1/4" STEEL PLATE AT BOTH ENDS OF WF BEAM TO SEAL ENDS.



SECTION A-A

ANCHOR SLAB TYPE II

(FOR USE ADJACENT TO PLAIN CONCRETE PAVEMENT)

DENOTES 1" EXPANSION JOINT MATERIAL (POLYSTYRENE OR EQUIVALENT)

SPECIFICATION REFERENCE

316

9" CONTINUOUSLY REINFORCED CONCRETE PAVEMENT (FOR USE WITH BAR REINFORCEMENT ONLY)

VIRGINIA DEPARTMENT OF TRANSPORTATION