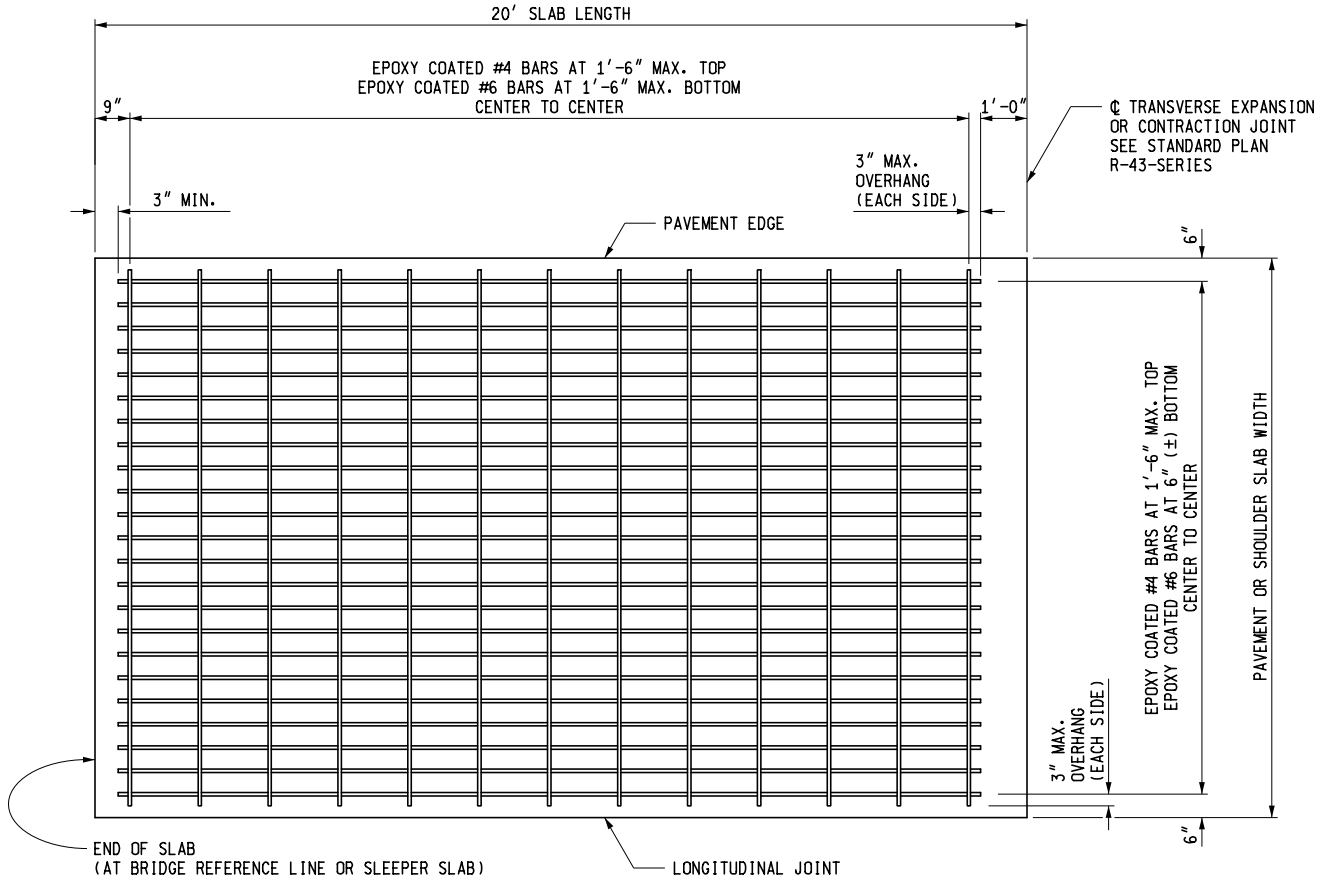


SKEWED BRIDGES WHERE SLAB IS SQUARED OFF WILL REQUIRE TRANSVERSE REINFORCEMENT TO BE FANNED IN OR THE USE OF CUT BARS WILL BE REQUIRED. MAINTAIN REINFORCEMENT SPACING AT ACUTE CORNER AND FAN IN AT OBTUSE CORNER.

REINFORCEMENT DETAIL

STEEL REINFORCEMENT		
LONGITUDINAL REINFORCEMENT		
PAVEMENT/SHOULDER SLAB WIDTH	TOP REINFORCEMENT #4 BARS AT 1′-6″ MAX.	BOTTOM REINFORCEMENT #6 BARS AT 6″ (±)
	NUMBER OF BARS (MIN.)	NUMBER OF BARS (MIN.)
10′-0″	7	19
11′-0″	8	21
12′-0″	9	23
14′-0″	10	27
3′-0″	3	5
4′-0″	3	7
5′-0″	4	9
7′-0″	5	13
9′-0″	7	17
TRANSVERSE REINFORCEMENT		
	TOP REINFORCEMENT #4 BARS AT 1′-6″ MAX.	BOTTOM REINFORCEMENT #6 BARS AT 1′-6″ MAX.

MDOT Michigan Department of Transportation

PREPARED BY DESIGN DIVISION

DRAWN BY: B.L.T.

CHECKED BY: W.K.P.

DEPARTMENT DIRECTOR
Kirk T. Steudle

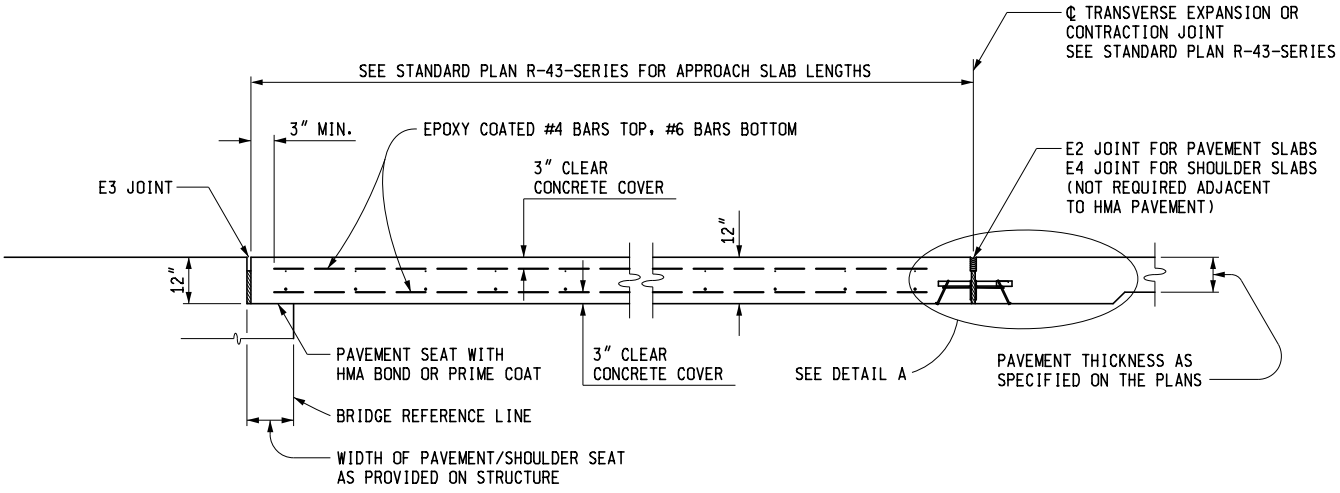
APPROVED BY: _____
DIRECTOR, BUREAU OF FIELD SERVICES

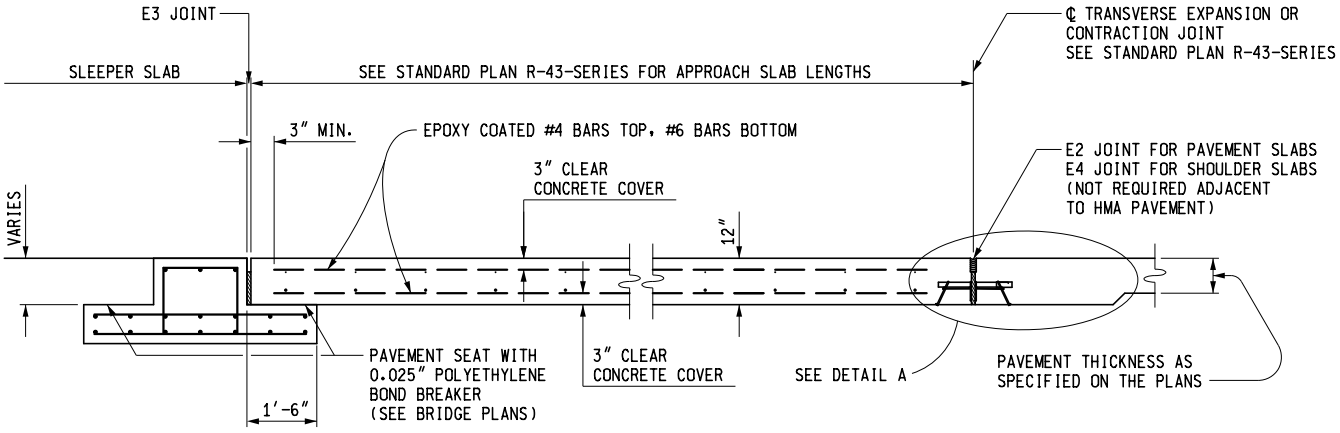
APPROVED BY: _____
DIRECTOR, BUREAU OF HIGHWAY DEVELOPMENT

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLAN FOR

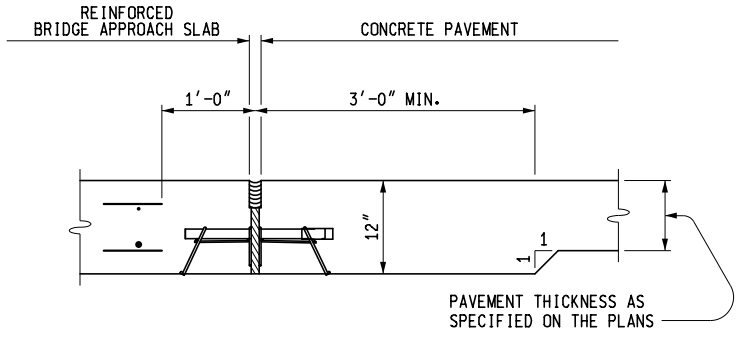
PAVEMENT REINFORCEMENT FOR BRIDGE APPROACH

1-25-2013	12-6-2011	R-45-I	SHEET 1 OF 2
F.H.W.A. APPROVAL	PLAN DATE		





PAVEMENT AND SHOULDER SLABS ADJACENT TO STRUCTURES



DETAIL A

NOTES:

SEE STANDARD PLANS R-39-SERIES AND R-40-SERIES FOR DETAILS OF JOINTS AND LOAD TRANSFER ASSEMBLIES.

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLAN FOR

PAVEMENT REINFORCEMENT FOR BRIDGE APPROACH

1-25-2013 F.H.W.A. APPROVAL	12-6-2011 PLAN DATE	R-45-I	SHEET 2 OF 2