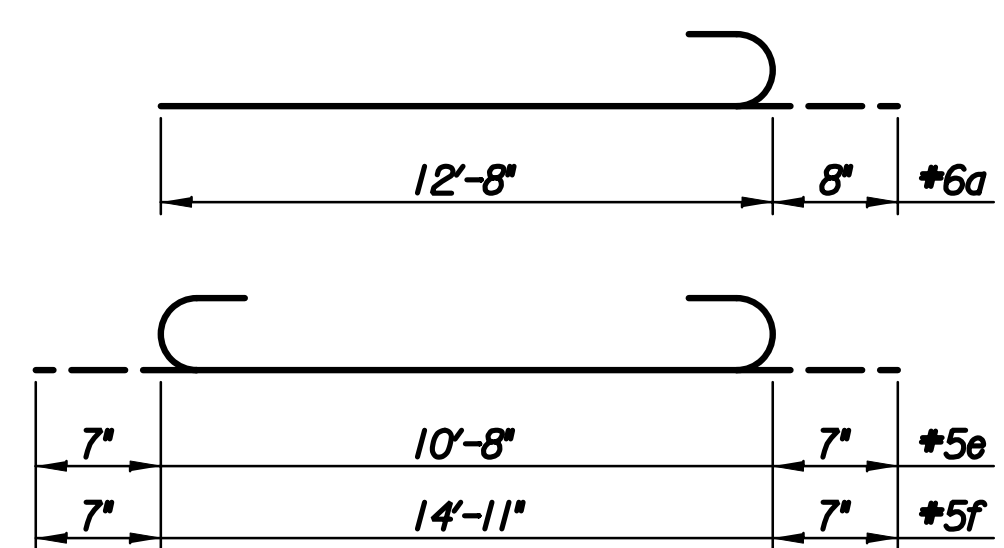
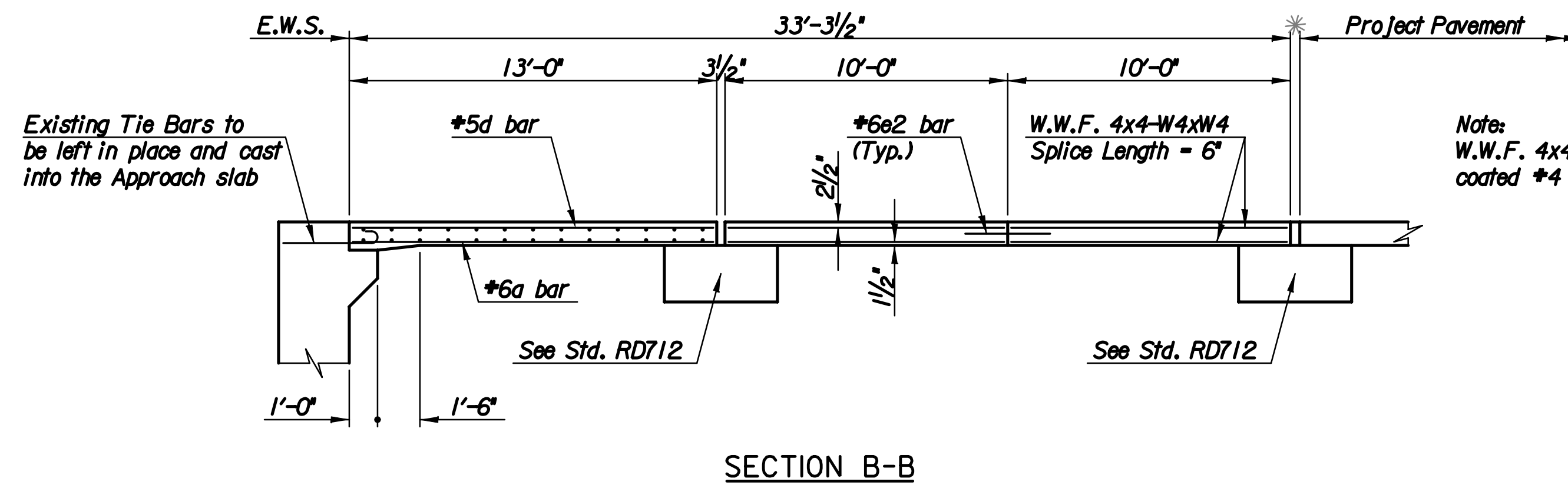
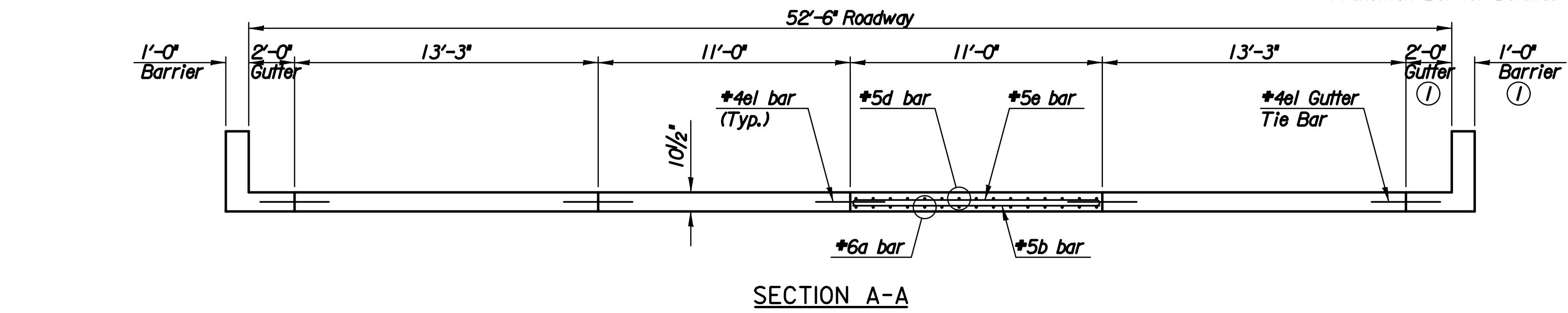
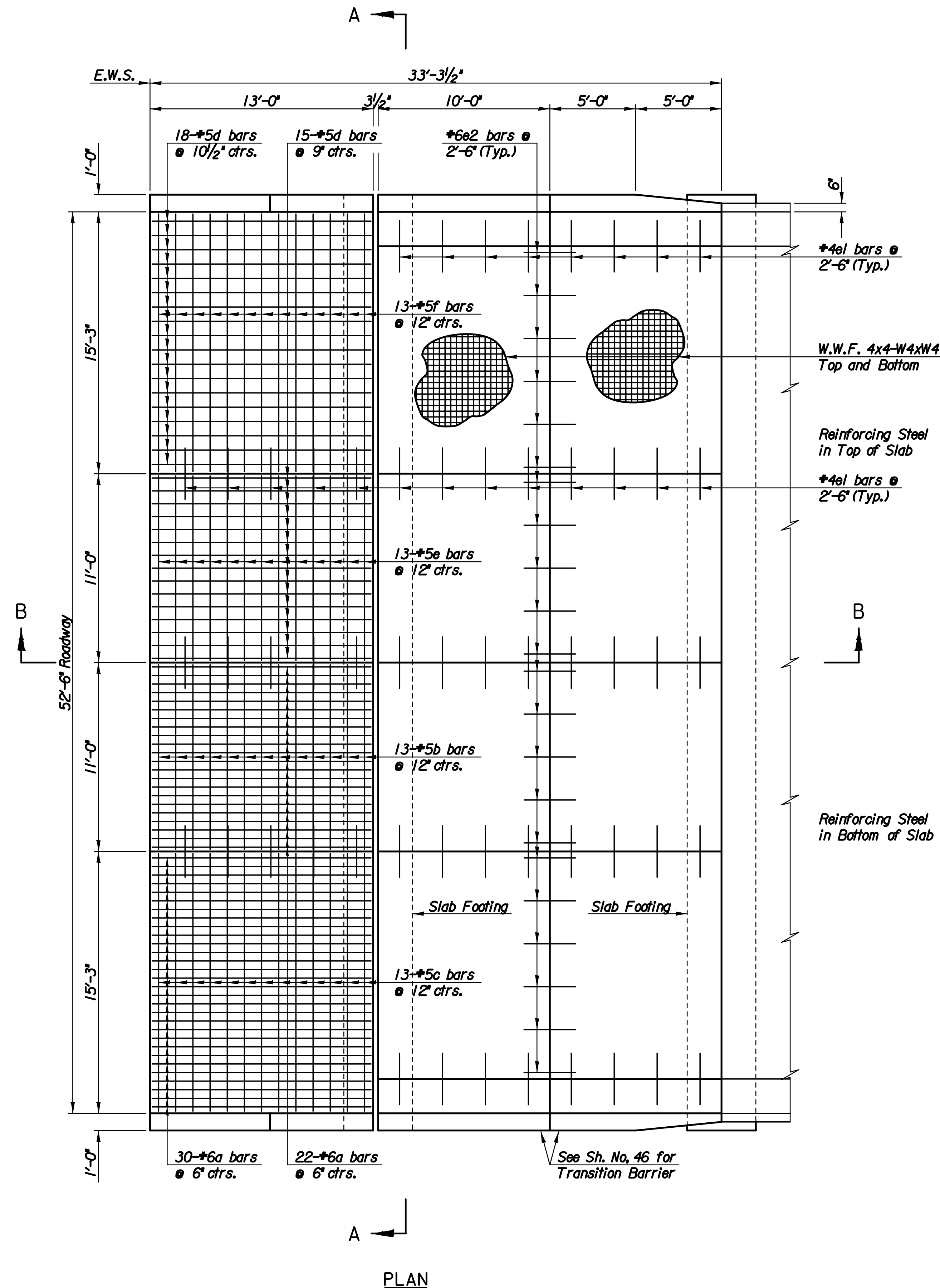


Plotted By: djb Date: 8/26/2010 3:26:38 PM
 FILE: I:\2005\05789\Details\05789-app-slab.dgn



BENDING DIAGRAMS
 All dimensions are out to out of bars, unless otherwise noted.

GENERAL NOTES

Special Concrete Bridge Approach shall be paid for as Sq. Yds. of Concrete Pavement (10 1/2" Unif.) (AE) and includes all work and materials required to construct the approach slab as shown on this sheet.
 All work and materials required for installation of expansion joints and pressure relief joints shall be subsidiary to this bid item.
 All preformed joint material shall be installed perpendicular to pavement surface. Formed joints shall be edged with 1/4" radius tool for length of joint.
 At the Contractor's option *4x3'-0" tie bars @ 15" centers may be substituted for the *6 e bars at 2'-6" centers.
 All reinforcing steel shall be epoxy coated.
 See STD. rd 711 for details of joints, welded wire reinforcement, and edge curb. Clearance from the face of concrete for all reinforcing steel shall be 2 inches.
 Standard reinforcing bar hooks in accordance with the latest ACI specifications shall be used throughout.
 All concrete shall be Concrete (Grade 4.0)(AE).
 The pressure relief joint shall be omitted when the concrete bridge approach pavement abuts asphalt pavement.
 * For Expansion/Pressure Relief Joint width and details See Standard Drawing RD712.

① See Sh. No. 46 for Concrete Transition Barrier Details.

Notes:
 W.W.F. 4x4-W4xW4 may be substituted with epoxy coated *4 bars spaced at 16" centers.

BAR LIST			
Mark	No.	Size	Length
a	104	#6	13'-4"
b	26	#5	10'-8"
c	26	#5	14'-11"
d	66	#5	12'-8"
e	26	#5	11'-10"
e1	55	#4	3'-0"
e2	22	#6	3'-0"
f	26	#5	16'-1"

BILL OF MATERIALS (ONE END)		
Item	Quantity	Unit
Reinforcing Steel (Gr. 60) (Epoxy)	4,615	Lbs.
Concrete Pavement (10" Unif.) AE	183.6	S.Y.
Bridge Approach Slab Footing	32.3	C.Y.
Expansion Jt. Membrane Sealant	54.5	L.F.
Pressure Relief Jt. Membrane Sealant	54.5	L.F.

Notes:
 Quantities listed are for one approach slab only. The reinforcing steel weight is shown for information only and does not include the welded wire mesh.

No.	Revision	By	Date
119TH STREET			
APPROACH SLAB DETAILS			
JAMES L. ARMOUR, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-84850			
Professional Engineering Consultants, P.A. 303 S. TOPEKA - WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	R.A.S.	Job No.	05789
Drawn by	W.L.L.	Date	August 2010
			Sh. 45 of 152