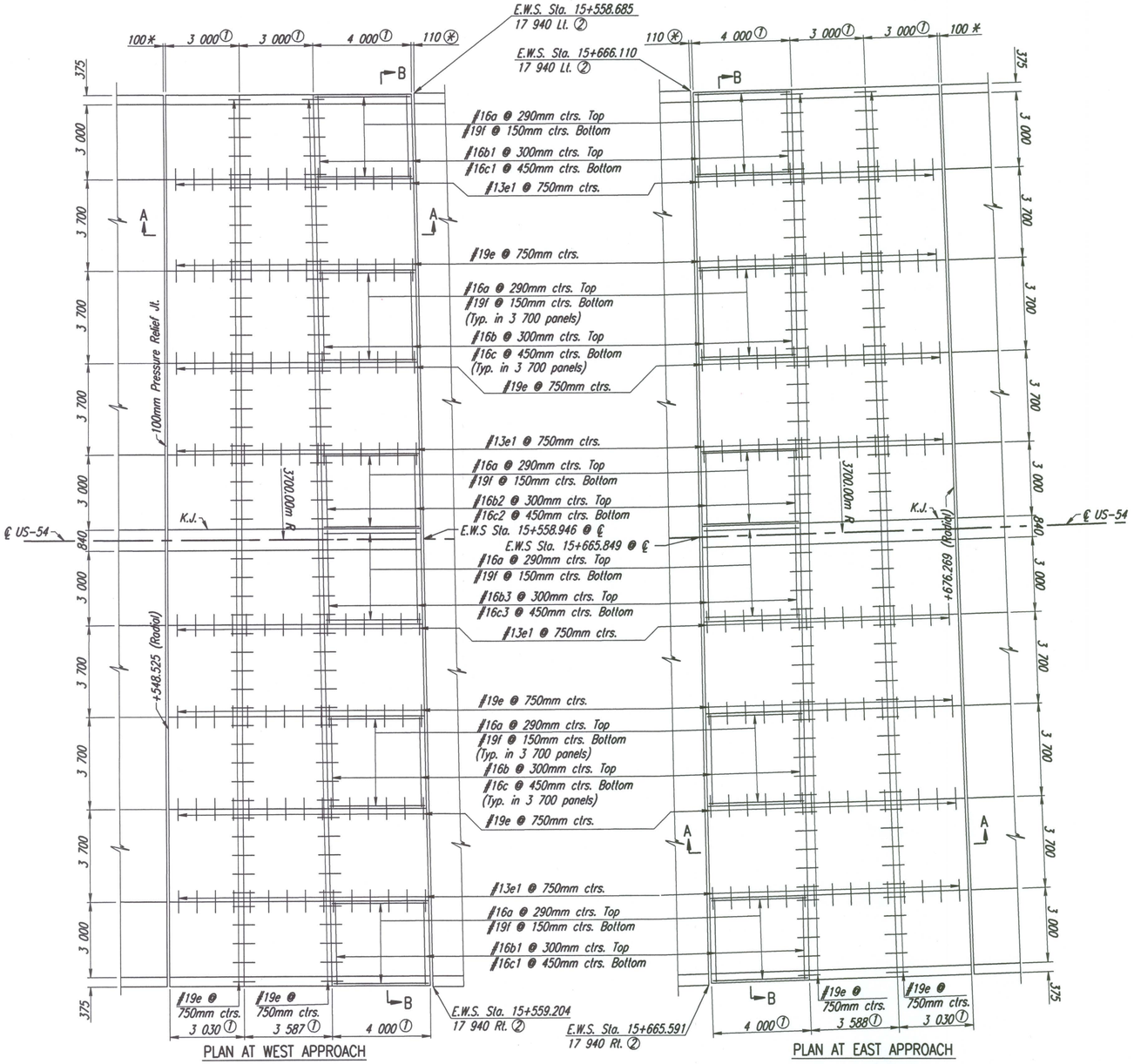
FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	54-87 K-6657-01	2002	117	1122



PLAN AT WEST APPROACH

PLAN AT EAST APPROACH

* 100 mm Pressure relief joint. See Standard Drawing RD661 SI, Sh. No. 126.

⊛ Expansion joint. See Bridge Plans for type & details.

K.J. Keyed Construction Joint.

① Measured along back of CSB.

② Offset to back of CSB on bridge (w=420).

GENERAL NOTES:

Special Concrete Bridge Approach shall be paid for as sq. m of Concrete Pavement (260 mm Unif.)(A.E.) 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 6 mm radius tool for length of joint.

At the Contractor's option #13 x 900 mm tie bars @ 380 mm centers may be substituted for the #19 e bars at 750 mm centers.

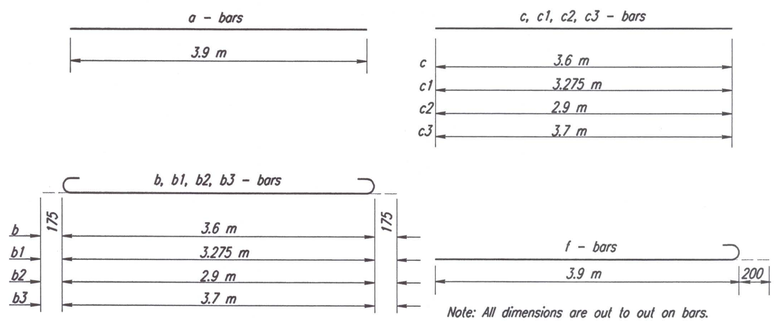
All reinforcing steel shall be epoxy coated.

See Standard Drawing RD661 SI for details of joints & reinforcing mesh.

Clearance from the face of concrete for all reinforcing steel shall be 50 mm.

Standard reinforcing bar hooks in accordance with the latest ACI specifications shall be used throughout.

For Sections A-A & B-B see Sh. No. 118



Note: All dimensions are out to out on bars. unless noted otherwise.

BENDING DIAGRAMS

BILL OF MATERIALS (WEST APPROACH)

BAR SCHEDULE

Bar	a	b	b1	b2	b3	c	c1	c2	c3	e	e1	f	
No.	125	84	28	14	14	54	18	9	9	158	60	242	
Size	#16	#16	#16	#16	#16	#16	#16	#16	#16	#19	#13	#19	
Length	3 900	3 950	3 625	3 250	4 050	3 600	3 275	2 900	3 700	900	900	4100	

Reinforcing Steel	4662	kg
Concrete Pavement(260 mm Unif.)(AE)	369.0	m^2
Expansion Joint	35 795	mm
100 mm Pressure Relief Joint	35 790	mm

BILL OF MATERIALS (EAST APPROACH)

BAR SCHEDULE

Bar	a	b	b1	b2	b3	c	c1	c2	c3	e	e1	f	
No.	125	84	28	14	14	54	18	9	9	158	60	242	
Size	#16	#16	#16	#16	#16	#16	#16	#16	#16	#19	#13	#19	
Length	3 900	3 950	3 625	3 250	4 050	3 600	3 275	2 900	3 700	900	900	4100	

Reinforcing Steel	4662	kg
Concrete Pavement(260 mm Unif.)(AE)	369.0	m^2
Expansion Joint	35 795	mm
100 mm Pressure Relief Joint	35 790	mm

Reinforcing steel and joint lengths shown for information only.

No.	Revisions	By	Date
1			

CITY OF WICHITA

CONCRETE BRIDGE APPROACH PAVEMENT
E.B. & W.B. US-54 OVER MAIZE ROAD

SEDGWICK COUNTY

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	WDH	Checked by	
Drawn by	JGP	Date April, 2002	Job No. 97362

REFERENCES NOTED	BY	DATE
REFERENCES CHECKED		

DSNR: OPER: JGP SCALE: 1:100
I:/1997/97362/APPROACH SLAB/MAIZE.DGN 12-03-2001 14:20:17 LAST REV: 1-16-2002 BY: svb