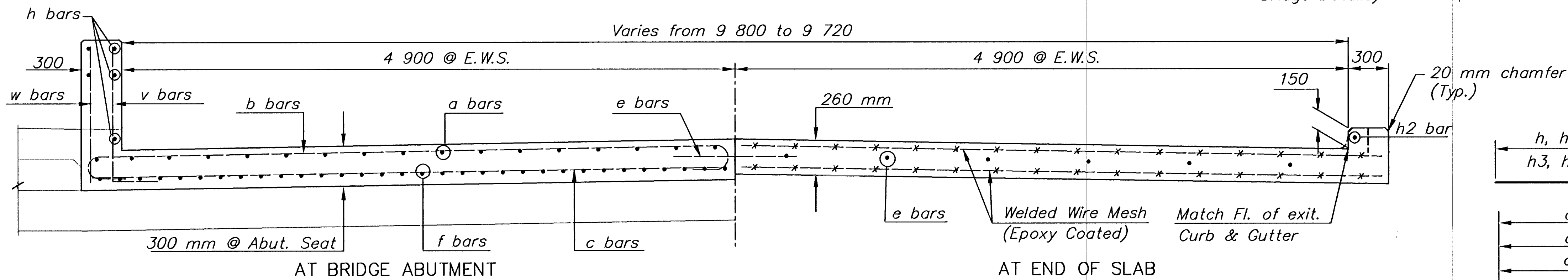
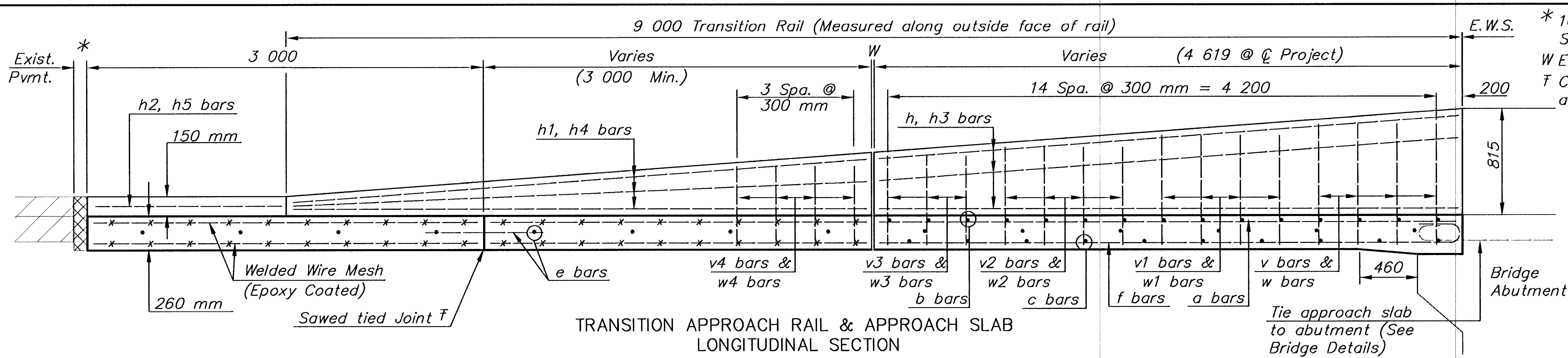


DATE	
BY	
REFERENCES NOTED	
REFERENCES CHECKED	



* 100 mm Pressure Relief Joint. See Std. RD661SI.

W Expansion Joint. See Std. RD662SI.

$\bar{F}$ Contractor has the option of substituting a Tied Keyed Construction Joint.

GENERAL NOTES

Special Concrete Bridge Approach shall be paid for as sq. m of Concrete Pavement (260 mm 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 Concrete Pavement (260 mm Unif.)(AE).

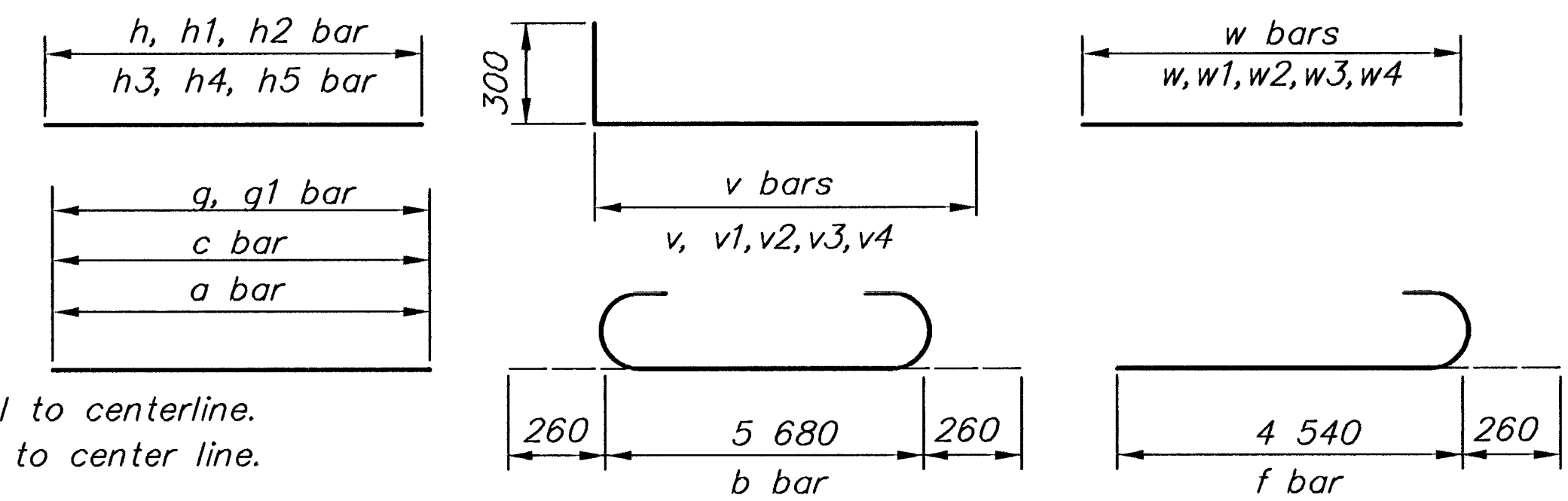
Transition Approach Rail shall be paid as "Concrete Safety Barrier (Special)(AE)."

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 centers may be substituted for the #19 e bars at 750 mm centers.

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.



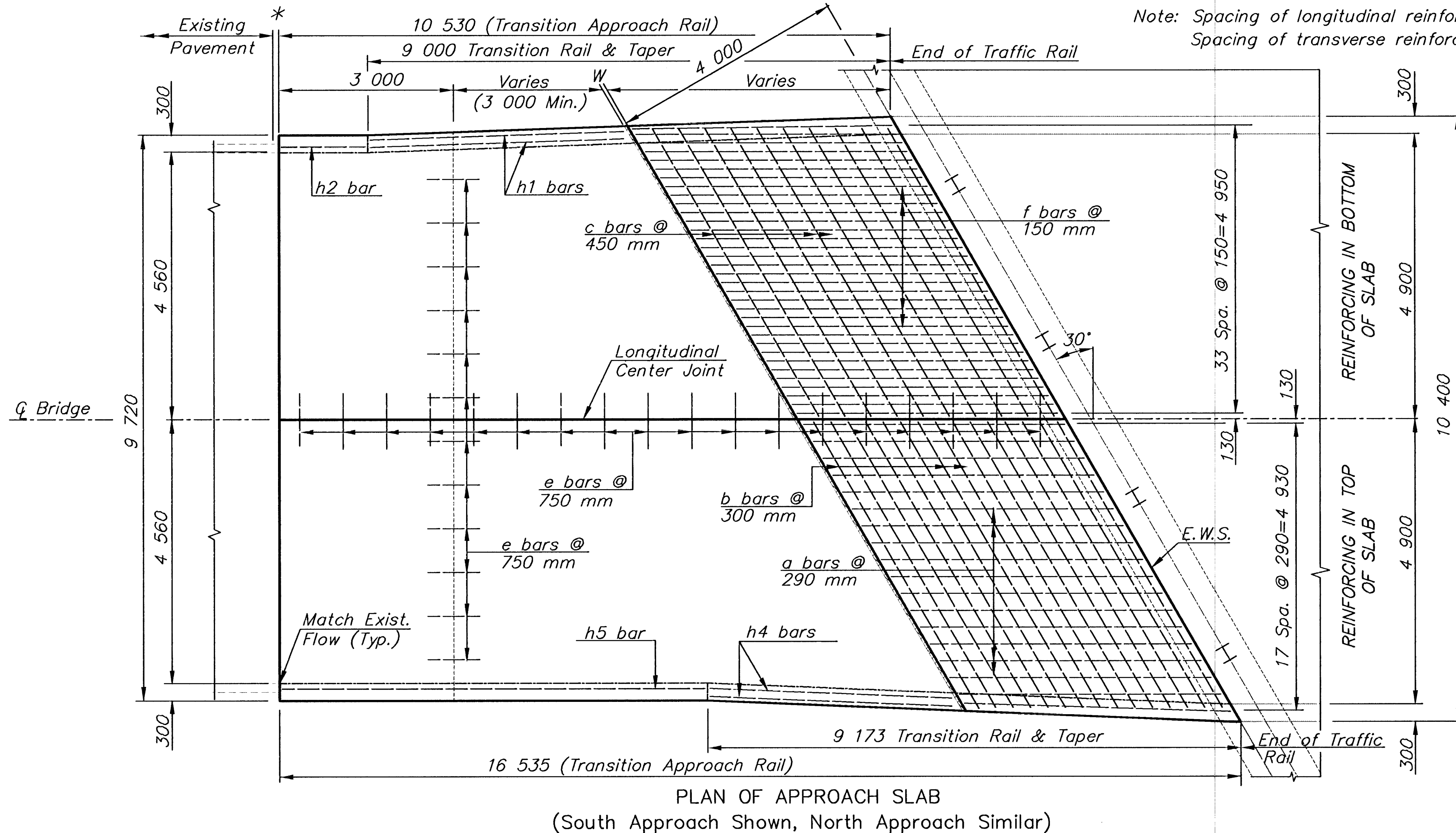
BENDING DIAGRAM

All dimensions are out to out unless otherwise noted.

All bars are epoxy coated

Note: Spacing of longitudinal reinforcing bars is normal to centerline.

Spacing of transverse reinforcing bars is parallel to center line.



30° SKEW BILL OF MATERIALS											
Bar Schedule											
Bar	a	b	c	e	f	h	h1	h2	h3	h4	h5
No.	36	30	20	30	68	5	5	1	5	5	1
Size	16	16	16	19	19	16	16	16	16	16	16
Length	4 540	6 200	5 680	900	4 800	4 260	4 490	1 430	4 630	4 200	7 260
Bar	v	v1	v2	v3	v4	w	w1	w2	w3	w4	
No.	8	8	8	6	8	8	8	8	8	8	
Size	13	13	13	13	13	13	13	13	13	13	
Length	1 220	1 130	1 040	975	900	920	830	740	675	600	
Reinforcing Steel										1,730	kg
Concrete Pavement (260 mm Unif.)(AE)										134.5	sq. m
Expansion Joint										11.6	m
100 mm Pressure Relief Joint										9.4	m
Concrete Safety Barrier (300 mm)(Special)(AE)										27.07	m

Note: Quantities listed for one approach slab only. Two required per bridge.

Reinforcing steel, joint lengths and Concrete Safety Barrier shown for information only.

2					
1					
NO.	DATE	REVISIONS		BY	APP'D
KANSAS DEPARTMENT OF TRANSPORTATION					
BR. NO. 530400870GC1020			STA. 1+450.20		
APPROACH SLAB & TRANSITION RAIL					
(Eastern Street over Gypsum Creek)					
PROJ. NO. 87 N-0088-01			SEDGWICK CO.		
MID-KANSAS ENGINEERING CONSULTANTS, INC.					
WICHITA, KANSAS					
DESIGNED BY:		PAF	CHECKED BY:		MDK
DRAWN BY:		DPG	DATE: 11-19-98		SHEET OF