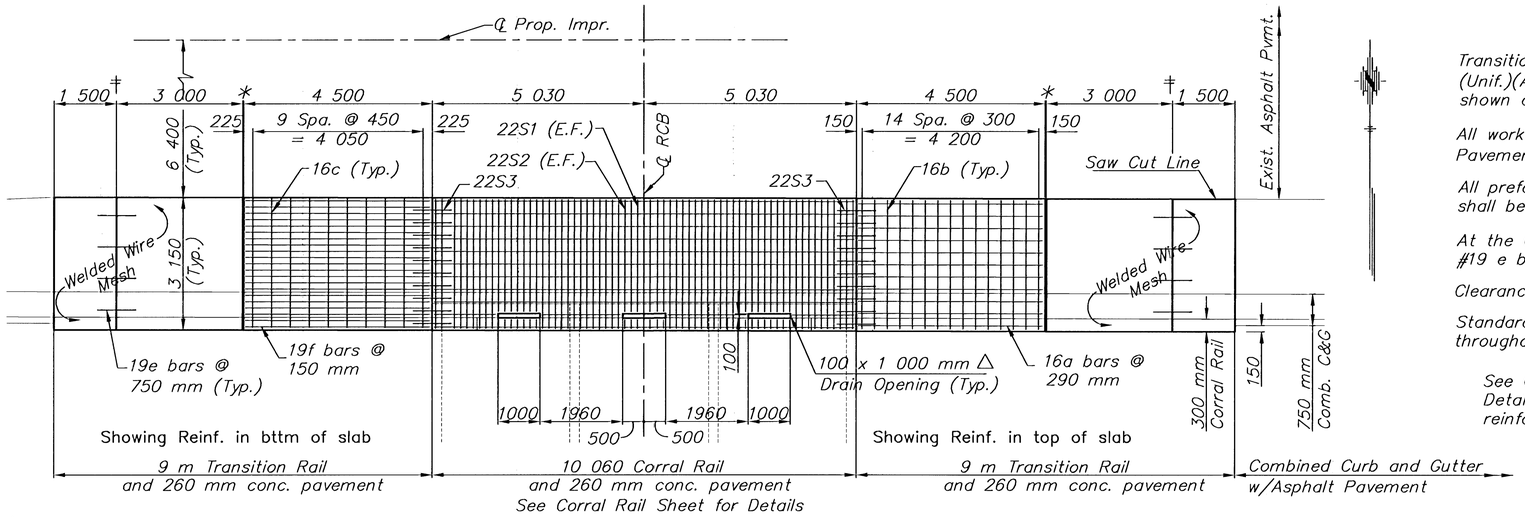
FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO	TOTAL SHEETS
7	KANSAS	87 N-0203-01	2003	11	48



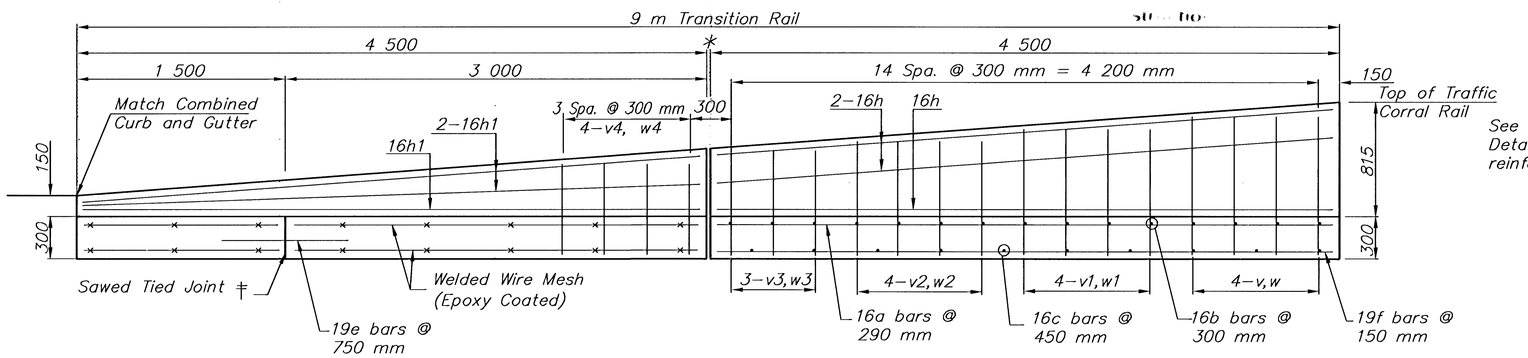
△ Drain sleeve subsidiary to Class AAA Concrete (AE)

CONCRETE PAVEMENT PLAN – SOUTH SIDE

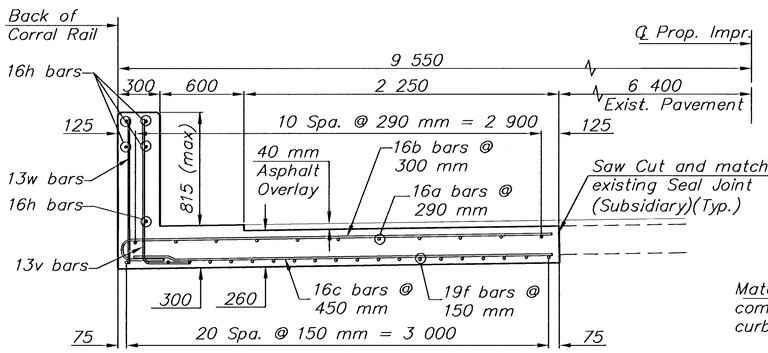
North side symmetrical about ℄ Prop. Improvement

* Expansion Joint – See Std. RD662SI

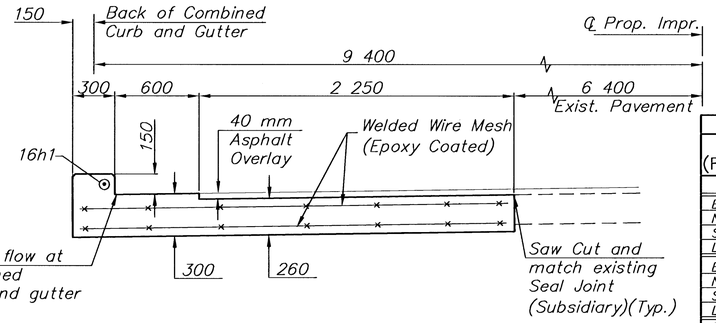
‡ Contractor has the option of substituting a Tied Keyed Construction Joint



TRANSVERSE SECTION THRU TRANSITION RAIL



TYPICAL SECTION AT TRANSITION RAIL



TYPICAL SECTION AT END OF TRANSITION RAIL

GENERAL NOTES

Transition Rail and Concrete Pavement shall be paid for as sq. m of Concrete Pavement (260 mm) (Unif.)(AE) and includes all work and materials required to construct the transition rail and slab as shown on this sheet.

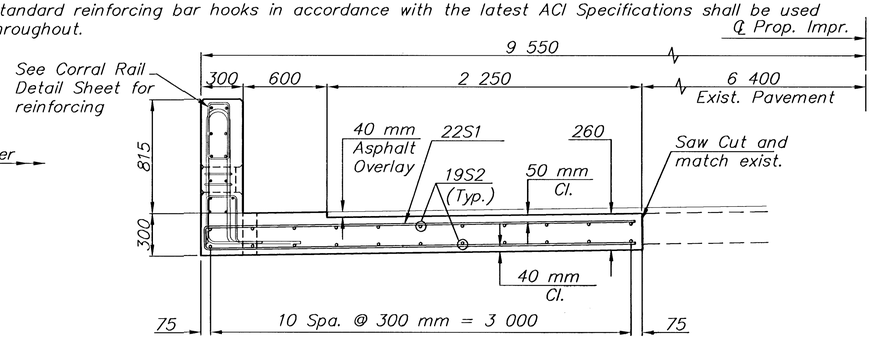
All work and materials required for installation of expansion joints shall be subsidiary to Concrete Pavement (260 mm)(Unif.)(AE).

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.

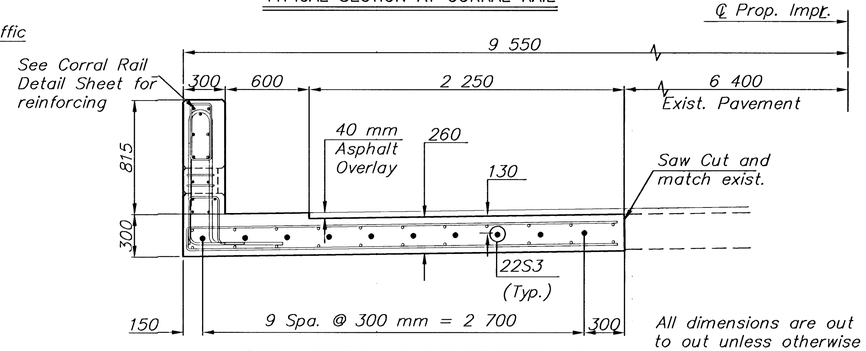
At the Contractor's option #13 x 900 mm tie bars @ 380 mm centers may be substituted for the #19 e bars at 750 mm centers.

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.

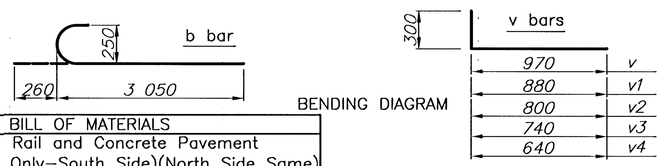


TYPICAL SECTION AT CORRAL RAIL



TYPICAL SECTION AT END OF CORRAL RAIL

All dimensions are out to out unless otherwise noted.



BENDING DIAGRAM

v bars	
970	v
880	v1
800	v2
740	v3
640	v4

BILL OF MATERIALS

Transition Rail and Concrete Pavement

(For Information Only–South Side)(North Side Same)

BAR SCHEDULE – EPOXY COATED

Bar	a	b	c	e	f	h	h1
No	22	30	20	8	42	10	10
Size	16	16	22	19	22	16	16
Length	4400	3310	3000	900	4400	4400	4400

Bar	v	v1	v2	v3	v4	w	w1	w2	w3	w4
No.	8	8	8	6	8	8	8	8	6	8
Size	13	13	13	13	13	13	13	13	13	13
Length	1270	1180	1100	1040	940	970	880	800	740	640

Reinforcing Steel	1275	kg
Concrete Pavement (260 mm)(Unif.)(AE)	56.7	sq. m
Expansion Joint	6.3	m

See Corral Rail Sheet for Rail and Conc. Pavement Quantities

NO.	DATE	REVISIONS	BY	APP'D
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

TRANSITION RAIL AND CONCRETE PAVEMENT

CENTRAL BRIDGE AT TARA

PROJ. NO. 87 N-0203-01 SEDGWICK CO.

MKEC ENGINEERING CONSULTANTS, INC.

WICHITA, KANSAS

DESIGNED BY:	KJS	CHECKED BY:	KJS
DRAWN BY:	RSB	DATE: JAN. 2003	SHEET 11 OF 48

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