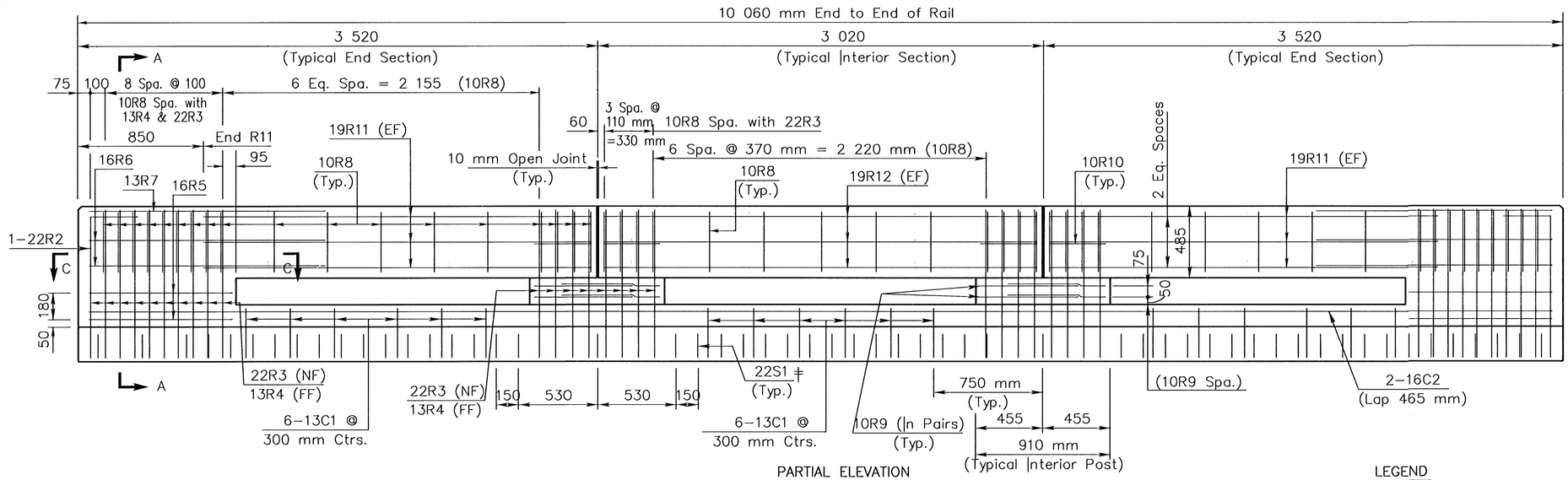
FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO	TOTAL SHEETS
7	KANSAS	87 N-0203-01	2003	12	48



PARTIAL ELEVATION
(Along Traffic Face)

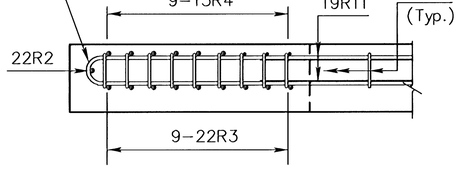
LEGEND
NF = Near Face
FF = Far Face
EF = Each Face

‡See Conc. Pavement Sheet for additional reinforcing details

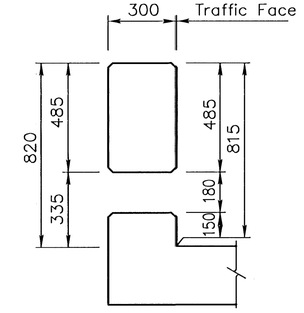
BILL OF REINFORCING STEEL
Epoxy Coated – Grade 420
(For Information Only)

	Straight Bars				Bent Bars			
	Mark	Size	Number	Length	Mark	Size	Number	Length
CORRAL RAIL	R11	19	24	2 610	R2	22	4	1 330
	R12	19	12	2 900	R3	22	68	2 530
	C2	16	4	9 910	R5	16	8	2 015
					R6	16	8	3 275
					C1	13	36	1 120
					R4	13	68	1 060
					R7	13	4	3 260
					R8	10	98	1 340
					R9	10	16	1 340
					R10	10	8	1 360
SLAB ‡	S2	19	44	9960	S1	22	136	6270
	S3	22	40	900				

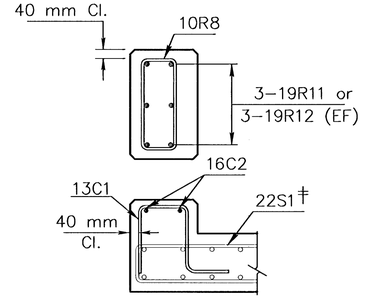
Reinforcing Steel (Gr. 420)(Epoxy Coated)	4784 kg
Concrete Pavement (260 mm)(Unif)(AE)	63.4 sq. m



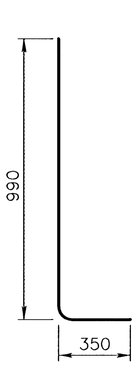
SECTION C–C



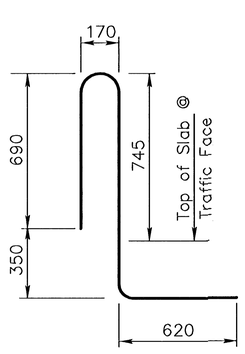
TYPICAL SECTION BETWEEN POST



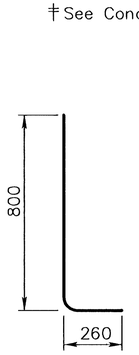
TYPICAL SECTION BETWEEN POST



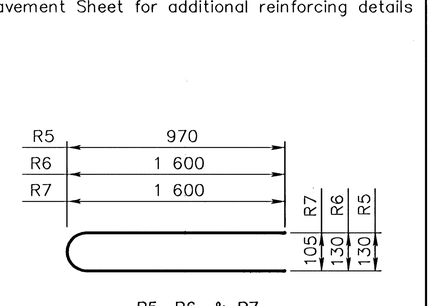
R2



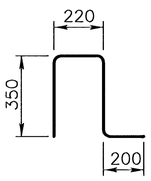
R3



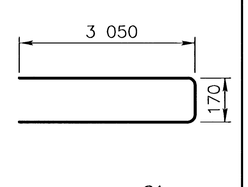
R4
(Lap 445 mm with R3)



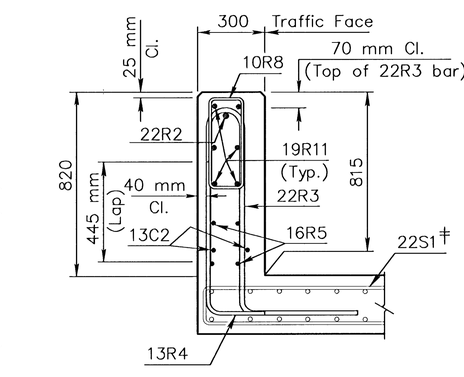
R5, R6, & R7



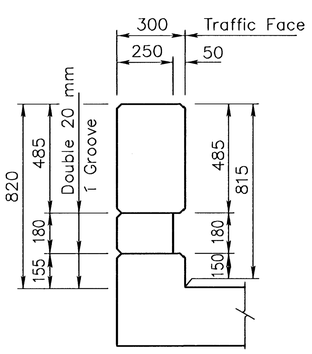
C1



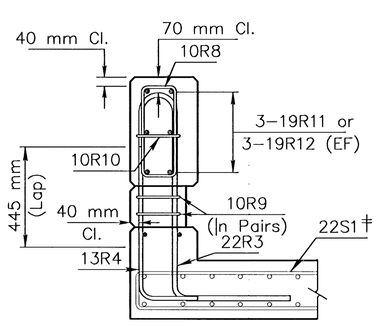
S1



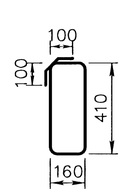
SECTION A–A



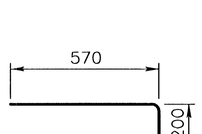
TYPICAL INTERIOR POST



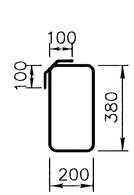
SECTION THRU INTERIOR POST



R8



R9



R10

BENDING DIAGRAMS
(All dimensions are out to out of bars.)

NO.	DATE	REVISIONS	BY	APP'D
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION
CORRAL RAIL DETAILS
BILL OF REINFORCING STEEL
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 12 OF 48

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