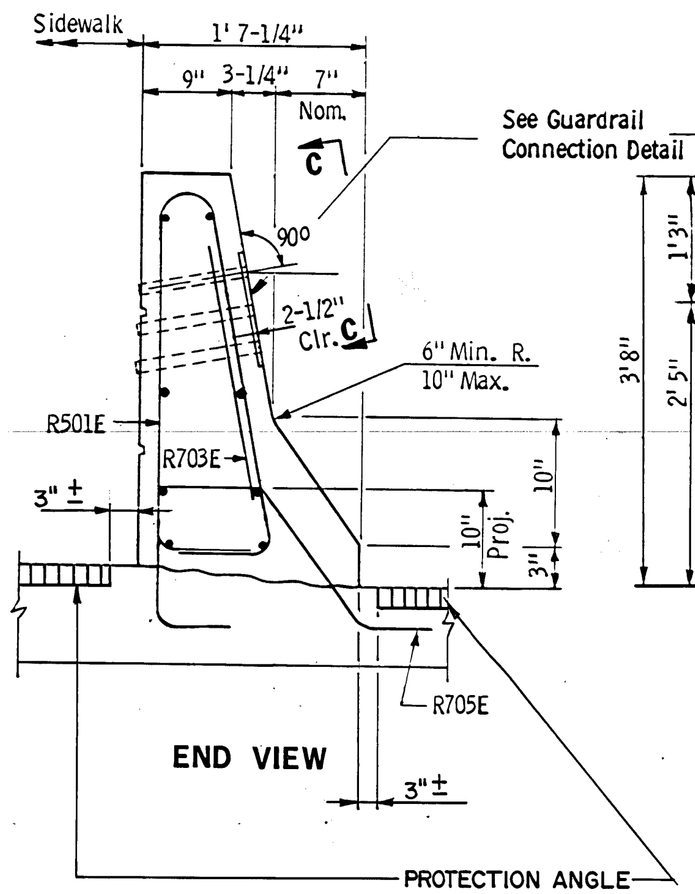
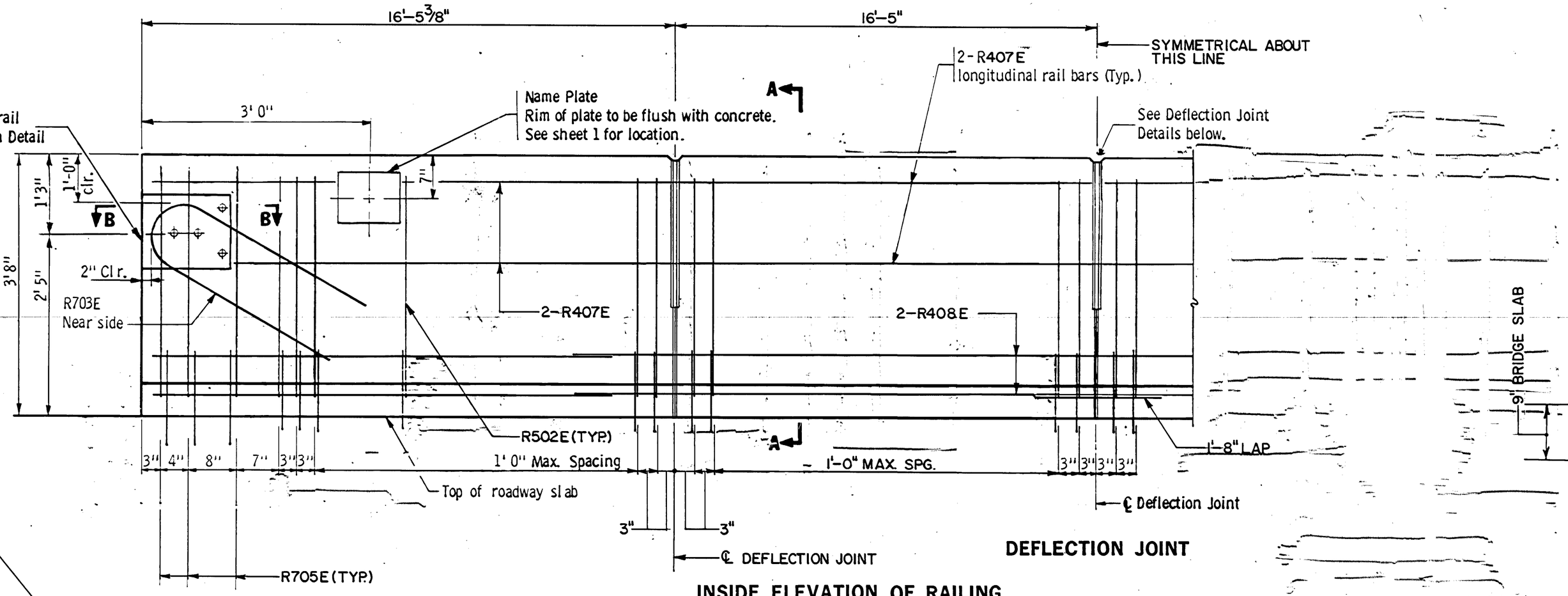
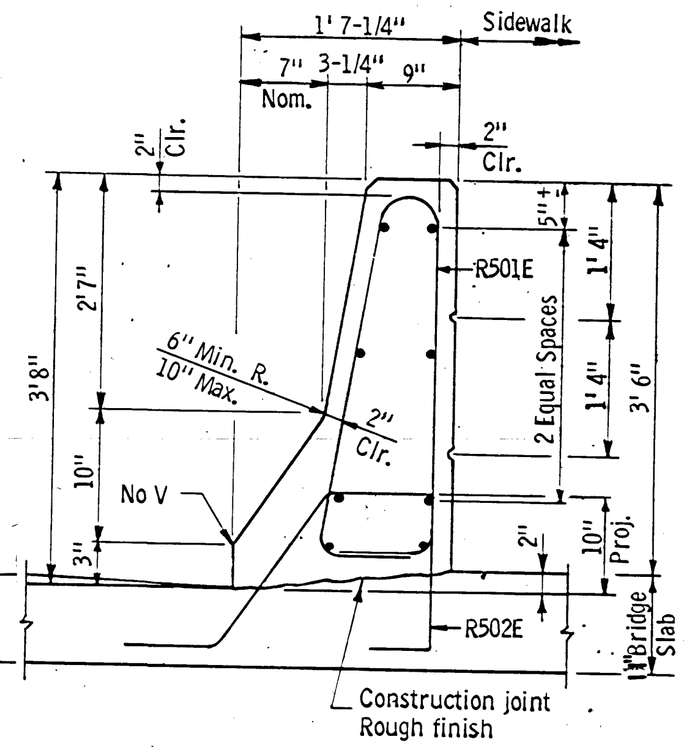


END VIEW



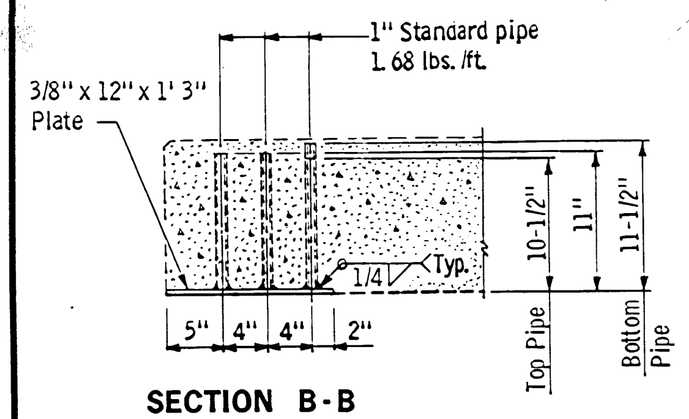
INSIDE ELEVATION OF RAILING
(WEARING COURSE NOT SHOWN)

DEFLECTION JOINT

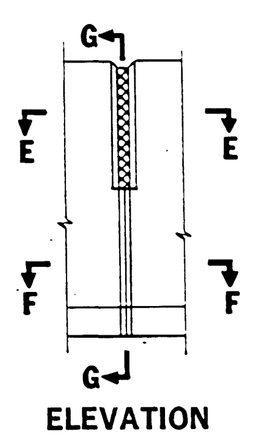


SECTION A A

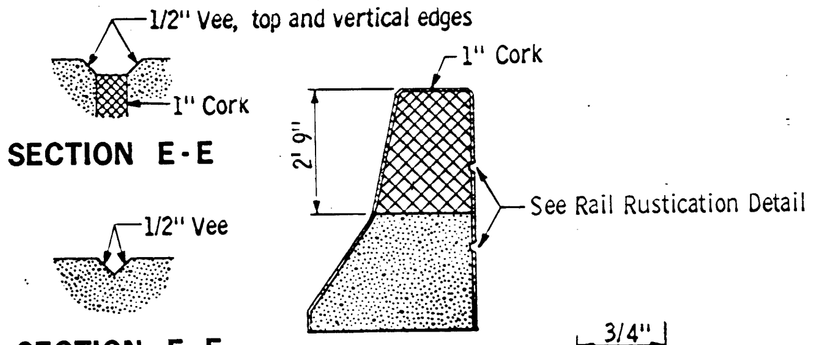
BILL OF REINFORCEMENT FOR RAILING				
BAR	NO.	LENGTH	SHAPE	LOCATION
R501E	160	7' 10"	Bent	Rail Vertical
R502E	148	5' 7"	Bent	Rail Vertical
R703E	4	6' 6"	Bent	End Post
R705E	12	5' 7"	Bent	End Post
R407E	32	16'-0"	Str't.	Rail Long.
R408E	16	33'-6"	Str't.	Rail Long.



SECTION B-B
(Reinforcement not shown)

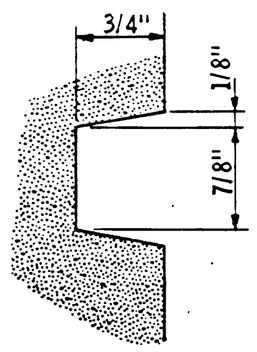


ELEVATION

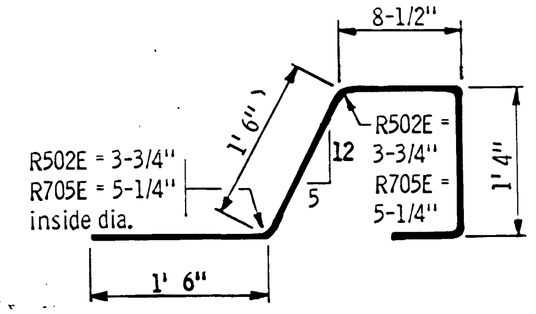


CONCRETE JOINT
DEFLECTION JOINT DETAILS

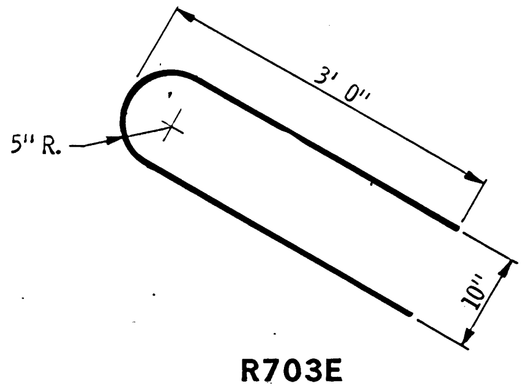
R501E



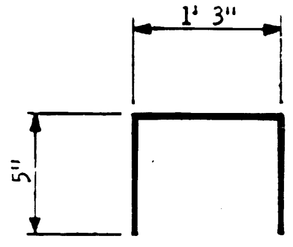
RAIL RUSTICATION



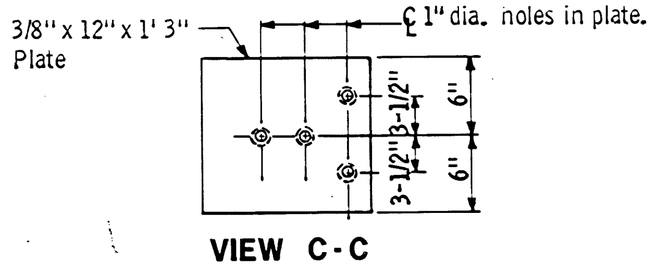
R502E & R705E



R703E



R504E



VIEW C-C

GUARDRAIL CONNECTION DETAIL
Galvanize after fabrication per Spec. 3394
Estimated Weight = 24 lbs.

GENERAL NOTES:

Conc. Railing = 545 lbs./ft.
Conc. Railing = .134 cu. yds./ft.

Rail and end post to be Concrete Mix No. 3X46

Guardrail connection to be Structural Steel, Spec. 3306.

Finish all edges of rail and end post with 1/2" vee except where otherwise noted.

See superstructure sheet for joint spacing.

Maximum spacing of concrete deflection joints shall be 20' 0"

Guardrail connection to be included in price bid for STRUCTURAL STEEL. (3306)

Rail quantities are included in summary of quantities for superstructure.

Length of railing concrete to be measured for payment between outside faces of end posts.

Bars marked with the suffix "E" shall be epoxy coated in accordance with the special provisions.

Fig. 5-397.124

S.A.P. NO. 02-678-03 Approved: July 2, 1980

TITLE: CONCRETE RAILING (TYPE J) WITH BRIDGE SLAB SIDEWALK AND INTEGRAL END POST (Without Wearing Course)	DES: J.D.S.	DR: D.A.O.	APPROVED: 12-22-81	Bridge No. 02539
	CHK: D.H.B.	CHK: J.D.S.		
	Sheet No. 8R of 16 Sheets			