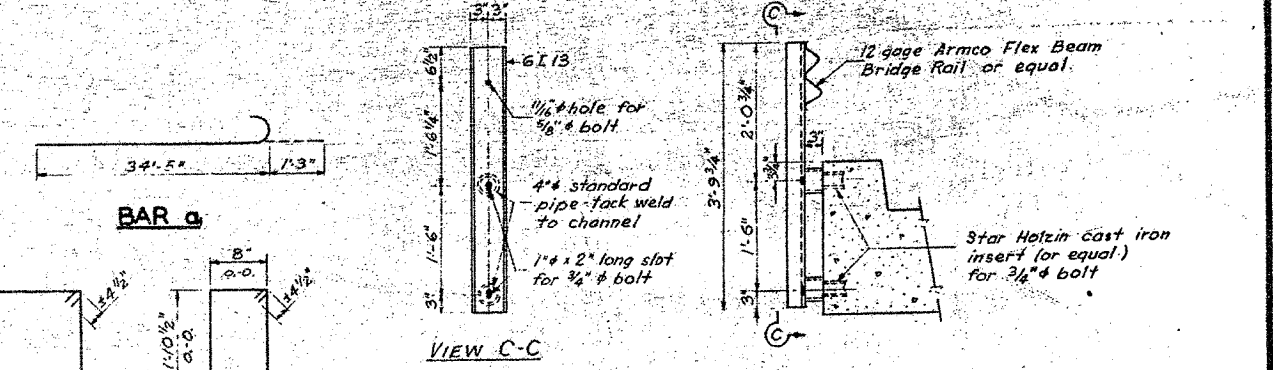
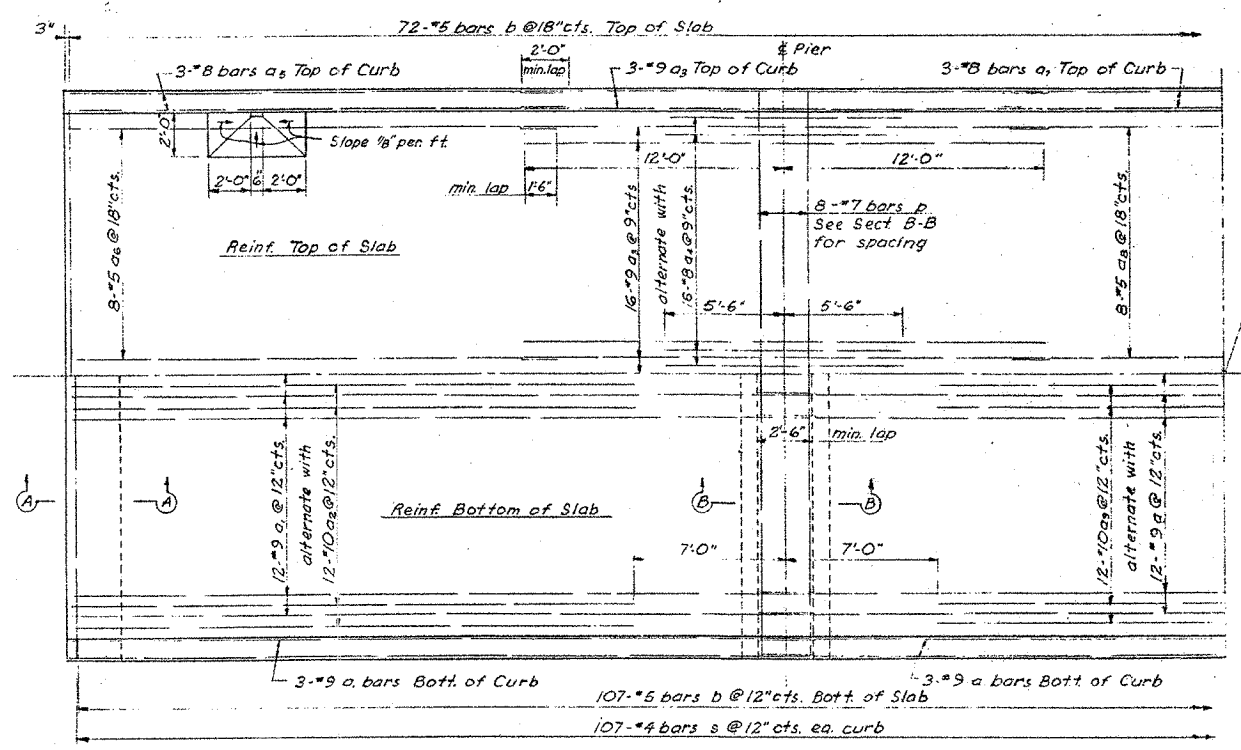


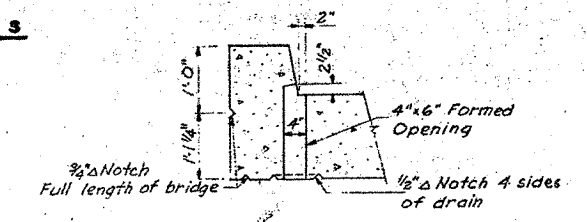
**HALF ELEVATION**



**HANDRAIL DETAILS**



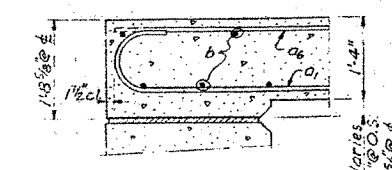
**HALF PLAN**



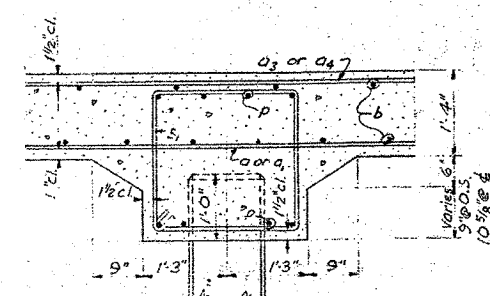
**DRAIN DETAIL**

**D.L. DEFLECTION DIAGRAM**

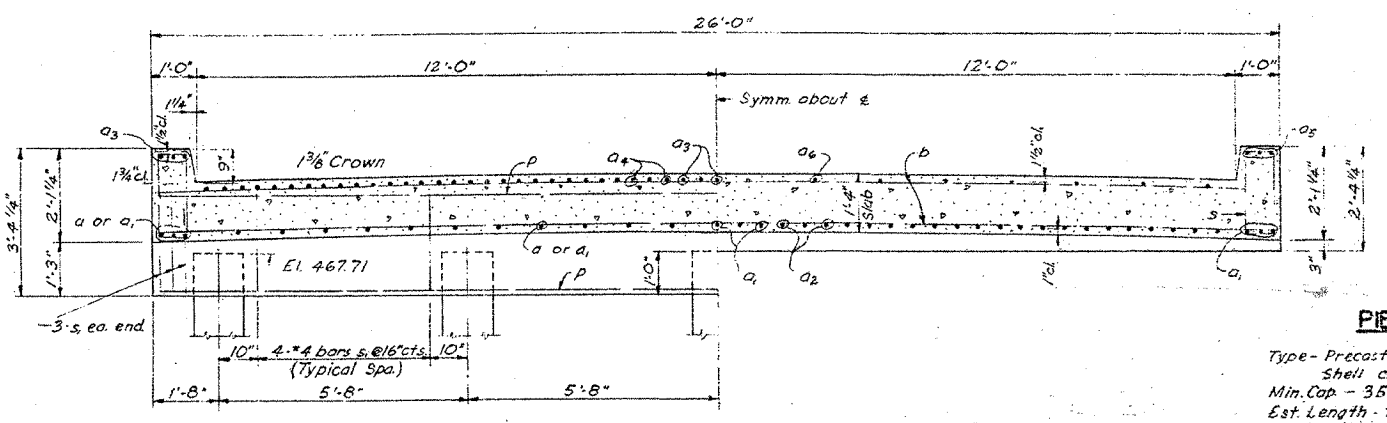
In addition to D.L. deflection the Contractor shall make allowance for shrinkage & settlement of falsework.



**SECTION A-A**



**SECTION B-B**



**HALF SECTION NEAR PIERS**

**HALF SECTION NEAR ABUTS**

**PIER PILES**

Type - Precast or Cast-in-Place Metal Shell concrete piles.  
 Min. Cap - 35 Tons  
 Est. Length - 35'  
 No. Req'd - 10 (2 piers)

**BILL OF MATERIAL SUPERSTRUCTURE & PIERS**

BAR	NO	SIZE	LENGTH	SHAPE
a	29	#9	43'-0"	—
a <sub>1</sub>	58	#9	35'-8"	—
a <sub>2</sub>	48	#10	26'-2"	—
a <sub>3</sub>	74	#9	24'-0"	—
a <sub>4</sub>	64	#8	11'-0"	—
a <sub>5</sub>	12	#8	23'-2"	—
a <sub>6</sub>	32	#5	22'-8"	—
a <sub>7</sub>	6	#8	20'-6"	—
a <sub>8</sub>	16	#5	19'-6"	—
a <sub>9</sub>	24	#10	26'-6"	—
s	214	#4	5'-10"	□
s <sub>1</sub>	44	#4	9'-7"	□
b	179	#5	25'-9"	—
p	16	#7	25'-9"	—

Class X Concrete	Cu. Yds.	150.9
Reinforcement Bars	Lbs.	36,250
Concrete Piles	Lin. Ft.	315
Test Piles (Concrete)	Ea.	1
Metal Plate Bridge Rail	Lin. Ft.	207

Note: See sheet No. 3 for detail of Concrete Piles.

**SUPERSTRUCTURE PROJECT S-880 (I)**  
**FAS. RT. 1784 (S.A. RT. 3) SEC. 27G**  
**CLINTON CO.**  
**STATION 23+55**

HANSON, COLLINS & RICE  
 CONSULTING ENGINEERS

T.E.B. 9-12-57 D.J.M. 9-12-57