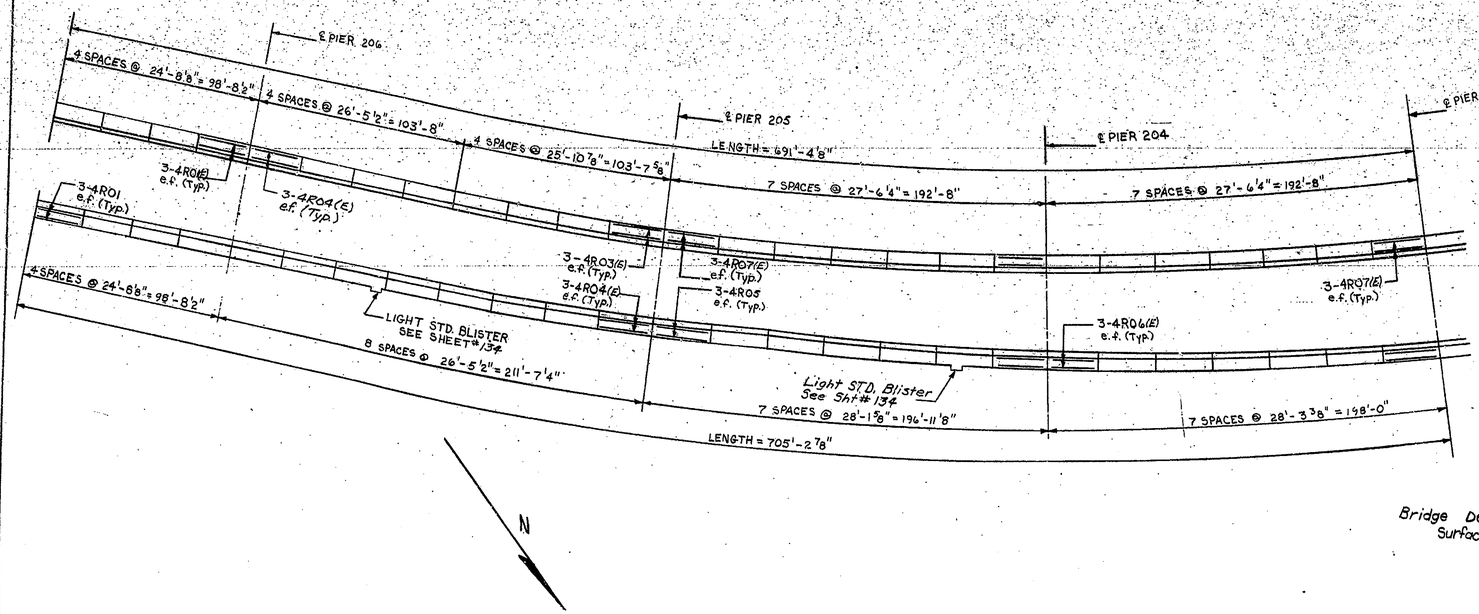
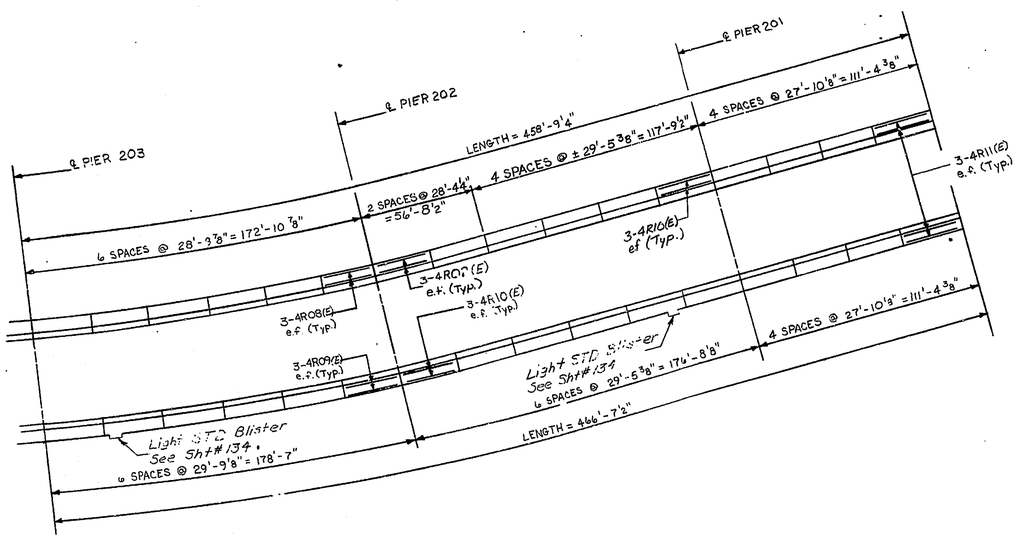
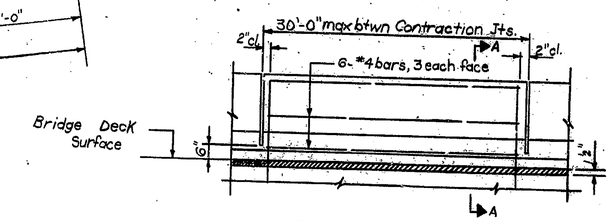




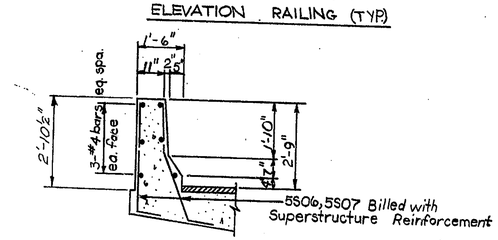
BAR LIST				
BAR	No.	Length	Str.	Bent
4R01(E)	48	24'-4"	•	
4R02(E)	12	28'-0"	•	
4R03(E)	24	26'-4"	•	
4R04(E)	72	26'-7"	•	
4R05(E)	42	27'-9"	•	
4R06(E)	42	27'-11"	•	
4R07(E)	84	27'-2"	•	
4R08(E)	36	28'-5"	•	
4R09(E)	36	29'-5"	•	
4R10(E)	60	29'-1"	•	
4R11(E)	48	27'-4"	•	

ESTIMATED QUANTITIES		
Item	Unit	Total
Class C, Concrete	Cu. Yd.	**
Reinforcing Steel (Epoxy Coated)	Lbs.	9192.34

** Concrete Quantities Included In Bill of Materials Sheets No. 116 & 117.



ELEVATION RAILING (TYP.)



SECTION A-A

APPROVED FOR CONSTRUCTION
M. B. Abbott
M. B. ABBOTT
Bridge Engineer of Bridge Design
9-17-81

BRIDGE RAILING DIMENSIONS & REINFORCEMENT DETAILS

INDIANA STATE HIGHWAY COMMISSION

LAKE COUNTY - RAMP:- A SECTION:-
SCALE:- N.T.S. DATE:- June 29, 1981
SUBMITTED FOR APPROVAL Eugene C. Figg, Jr.
DRAWING:- OF SHEET:- 149 OF
PROJECT:- MM 220-1 (8)
CONTRACT NO. B-12752
BRIDGE FILE:- 912-45-2546 RWX

EUGENE C. FIGG, JR. REGISTERED No. 13549 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGNED	M.M.	C'K'D	M.M.
DRAWN	M.B.	C'K'D	G.R.
TRACED	M.B.	C'K'D	G.R.

10-20-81 Revision : Estimate of Quantities