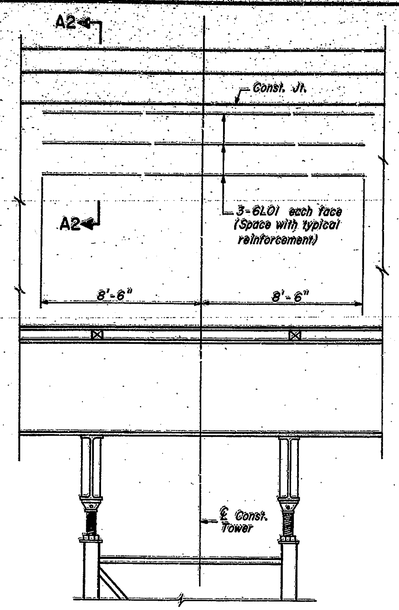
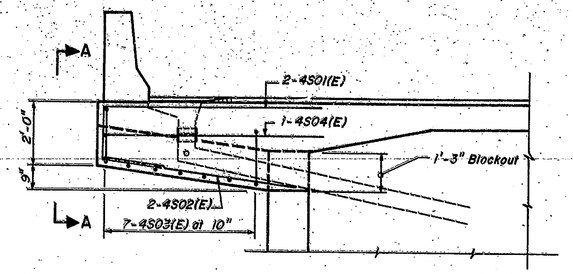
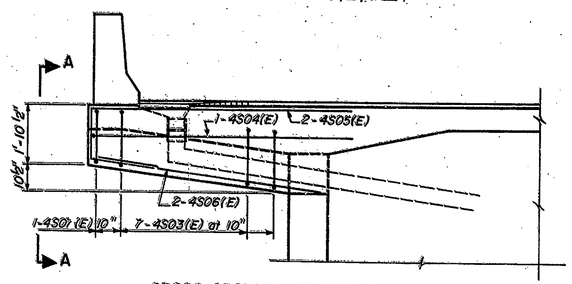


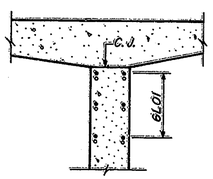
ELEVATION
(AT CONSTRUCTION TOWER)



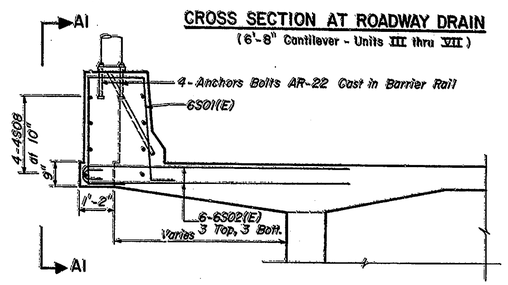
CROSS SECTION AT ROADWAY DRAIN
(5'-8" Cantilever - Units I, II, & III)



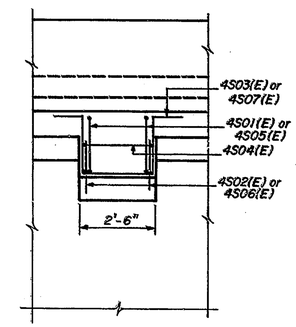
CROSS SECTION AT ROADWAY DRAIN
(6'-8" Cantilever - Units III thru VII)



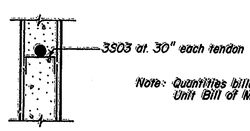
SECTION A2-A2



VIEW A1-A1

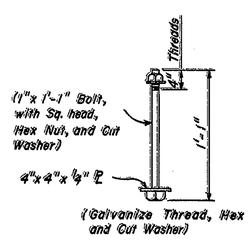


VIEW A-A

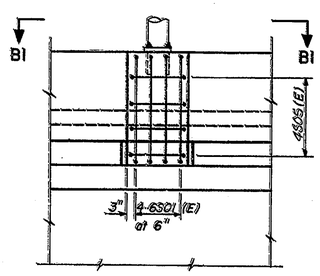


Note: Quantities billed with Unit Bill of Material.

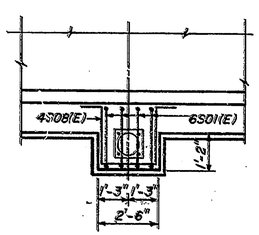
TENDON SUPPORT DETAILS



ANCHOR BOLT AR-22

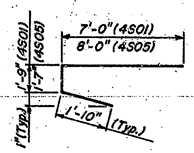


VIEW B1-B1

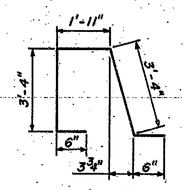


VIEW B1-B1

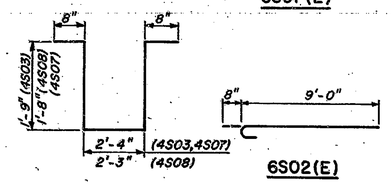
BAR BENDING DIAGRAMS



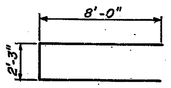
4S01 (E), 4S05(E)



6S01 (E)



6S02(E)



4S04(E)

4S03(E), 4S07(E), 4S08(E)

BILL OF MATERIAL

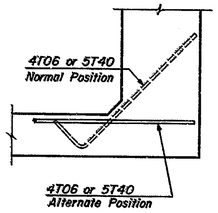
BARS	NO./UNIT I	II	III	IV	V	VI	VII	TOTAL NO.	LENGTH	BENT	STR.
4S01(E)	2	6	2	-	-	-	-	10	10'-7"	●	
4S02(E)	2	6	2	-	-	-	-	10	6'-9"		●
4S03(E)	7	21	14	14	14	28	7	105	7'-2"	●	
4S04(E)	1	3	2	2	2	4	1	15	18'-3"	●	
4S05(E)	-	-	2	4	4	8	2	20	11'-5"	●	
4S06(E)	-	-	2	4	4	8	2	20	7'-9"		●
4S07(E)	-	-	1	2	2	4	1	10	7'-0"	●	
4S08(E)	-	4	4	4	-	4	-	16	6'-11"	●	
6S01(E)	-	4	4	4	-	4	-	16	9'-7"	●	
6S02(E)	-	6	6	6	-	6	-	24	9'-8"	●	

TOTAL ESTIMATED QUANTITIES

ITEM	UNIT	TOTAL
Reinforcing Steel (Epoxy Coated)	Lb.	1756.85

Notes:

All reinforcement bars shall conform to the requirements of ASTM, Grade 60.
Number preceeding latter denotes bar size.
All dimensions are out to out.
Bar bending pin diameters shall be in accordance with A.C.I. standards.
Concrete quantities for drain and lightstand blisters below top of slab are billed with superstructure concrete per unit. Concrete for lightstand blister on bridge rail is billed with Class C, Concrete.



BAR ADJUSTMENT DETAIL

Note:
Bars 4T06 & 5T40 to be adjusted between the normal and alternate position only when in conflict with post tensioning tendons.

DESIGNED MM C'K'D. MN
DRAWN RMB C'K'D. GR
TRACED RMB C'K'D. GR

10-20-81 Revision: Estimate of Quantites

9-17-81

Figg and Muller Engineers Inc.
Tallahassee, Florida 32301

MISCELLANEOUS SUPERSTRUCTURE 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:- 134 OF
PROJECT:- MM 220-1(8)
CONTRACT NO. 8-12752
BRIDGE FILE:- 912-45-2546 RWX

EUGENE C. FIGG, JR. REGISTERED PROFESSIONAL ENGINEER 13543 STATE OF FLORIDA