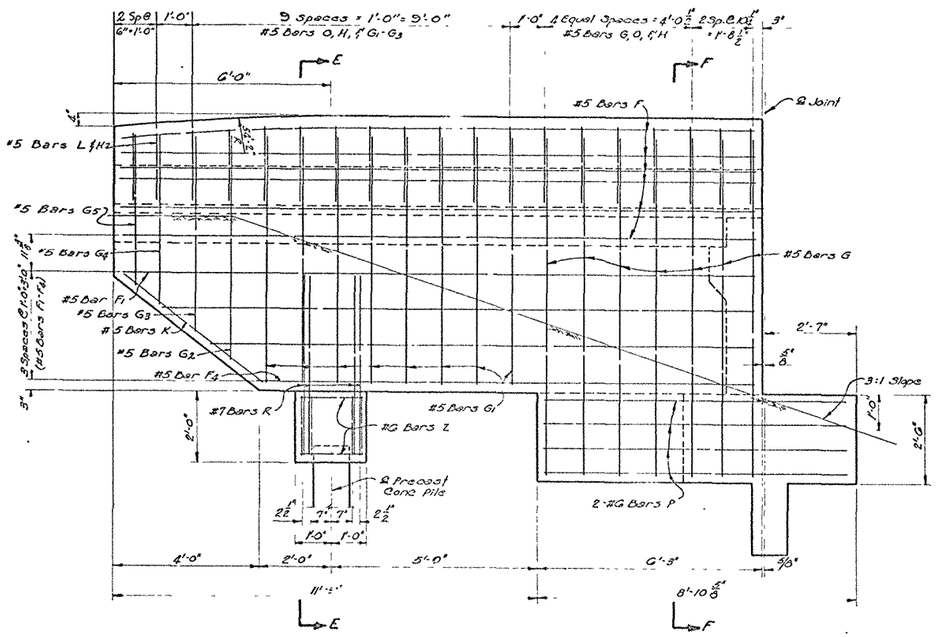
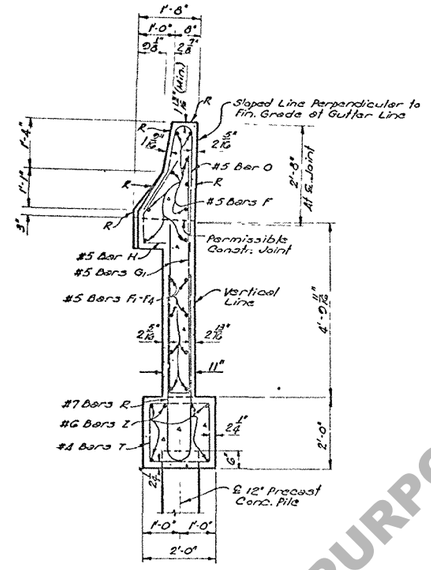
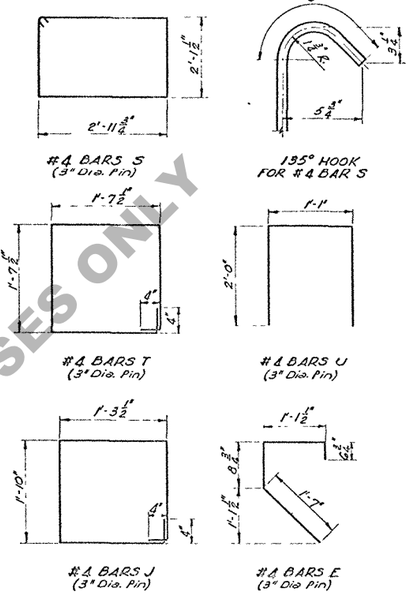
STATE PROJECT	PARISH	SHEET NO







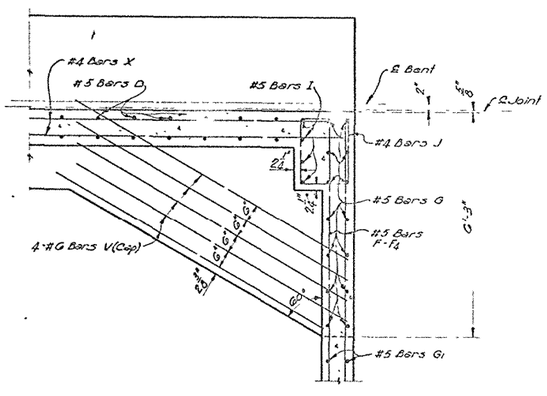
ESTIMATED QUANTITIES (ONE BENT)

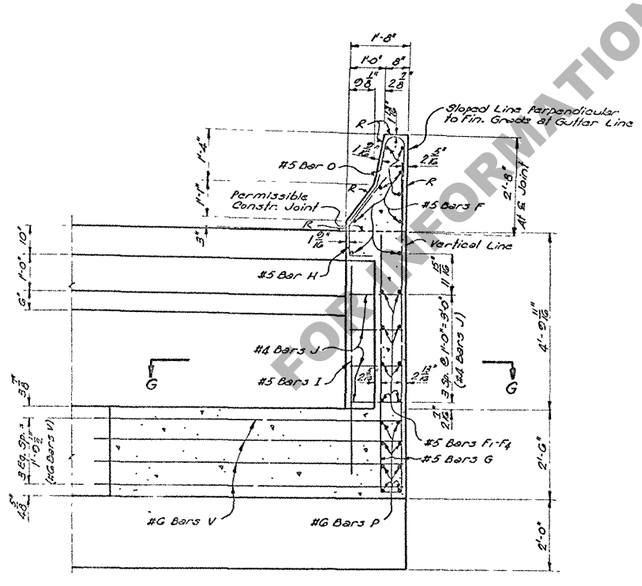
BAR	SIZE	Nº	SHORT BAR	VAR. INCHES	LONG BAR	TOTAL LENGTH	LOCATION
A	#9	16			33'-0"	528'-0"	Long. in Cap
TOTAL #9 BARS = 528'-0" = 1705 LBS.							
R	#7	8			10'-6"	84'-0"	Dowels in Wing Wall Pile Cap
TOTAL #7 BARS = 84'-0" = 172 LBS.							
P	#6	16			8'-6"	136'-0"	Long. in Wing Wall & Cap
V	#6	40			9'-0"	360'-0"	Wing Wall Pile Cap
Z	#6	12			1'-8"	20'-0"	Wing Wall Pile Cap
TOTAL #6 BARS = 516'-0" = 775 LBS.							
B	#5	2			33'-0"	66'-0"	Long. in Cap
D	#5	30			16'-5"	492'-6"	Vert. in Curtain Wall
F	#5	18			17'-8"	318'-0"	Long. in Conc. Railing
F1	#5	4			17'-8"	70'-8"	Long. in Wing Wall
F2-F4	#5	6 Ea.	13'-11"	15.5000	16'-6"	182'-6"	Long. in Wing Wall
G	#5	14			16'-11"	236'-10"	Vert. in Wing Wall
G1	#5	16			11'-11"	190'-8"	Vert. in Wing Wall
G2-G5	#5	2 Ea.	6'-3"	18.0000	10'-0"	60'-0"	Vert. in Wing Wall
H	#5	38			3'-6"	133'-0"	Ties in Conc. Railing
I	#5	8			6'-0"	54'-0"	Vert. Dowels in Wing Wall
K	#5	4			5'-0"	20'-0"	Diagonal in Wing Wall
O	#5	34			4'-7"	155'-10"	Ties in Conc. Railing
W	#5	34			7'-11"	269'-2"	Stirrups in Key
L	#5	4			2'-2"	8'-8"	Vert. in Conc. Railing
TOTAL #5 BARS = 2,265'-10" = 2,363 LBS.							
E	#4	30			4'-0"	120'-0"	Ties in Curtain Wall
C	#4	4			33'-0"	132'-0"	Long. in Key
J	#4	8			6'-11"	55'-4"	Ties in Curtain Wall & Wing Wall
S	#4	66			11'-3"	742'-6"	Stirrups in Cap
T	#4	8			7'-2"	57'-4"	Stirrups in Pile Cap
U	#4	30			5'-1"	152'-6"	Riser
X	#4	18			33'-0"	594'-0"	Long. in Curtain Wall
Y	#4	20			2'-11"	58'-4"	Riser
TOTAL #4 BARS = 1012'-0" = 1277 LBS.							

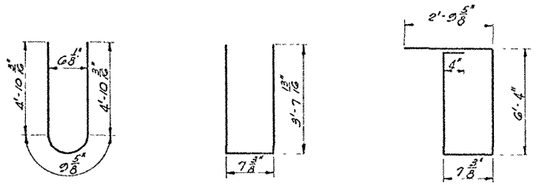
°DEFORMED REINFORCING STEEL	=	6,382	LBS.
#CLASS "A" CONCRETE IN BENTS	=	37.07	CU. YDS.
STRUCTURAL CARBON STEEL (A36)	=	305	LBS.
*MAXIMUM PILE LOAD	=	410	TONS

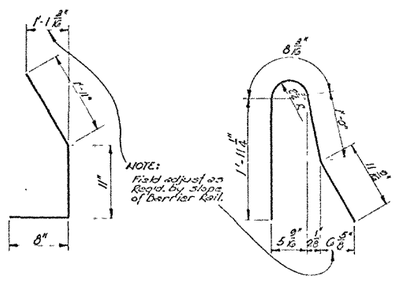
* This Bent designed for future extension of Bridge with 25'-0" Concrete Slab Spans.
# Includes Class "A" Concrete for Concrete Railing.
° Includes Deformed Reinforcing Steel for Concrete Railing.

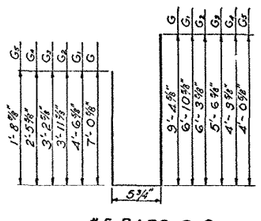
GENERAL NOTES:
CONSTRUCTION SPECIFICATIONS: Latest Approved La. Dept. of Highways Standard Specifications.
DESIGN SPECIFICATIONS: A.A.S.H.O. Standard Specifications for Highway Bridges, 1965.
"LIVE LOAD": HS 20-44.
Reinforcing Steel Bars shall be Intermediate or Hard Grade A.S.T.M. A15, A.S.T.M. A160 or Rail Steel A.S.T.M. A16, conforming to A.S.T.M. A305.
All dimensions relating to Reinforcing Steel are to Bar centers.
All Concrete to be Class "A".
All exposed corners to be chamfered 3/4" unless otherwise noted.
All vertical surfaces and chamfers above ground line to have a Class 2 Rubbed Finish.
R — Denotes Class 2 Rubbed Finish.
For Details of 12"□ and 16"□ Precast Concrete Piles, See Standard Plan C.S. 214.











END BENTS

STANDARD PLAN
PRECAST CONCRETE PILE BENTS
FOR 70'-0" & 75'-0" PRECAST PRESTRESSED CONCRETE GIRDER SPANS
30'-0" ROADWAY, LIVE LOAD: HS 20-44, 1'-8" CONC. RAILING
DATED Sept 21, 1967

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DATE	DESCRIPTION	BY

REVISIONS

DESIGNED TALJEH DETAILED REED TRACED M. Mooney
CHECKED Huval CHECKED TALJEH CHECKED TALJEH
BRIDGE DESIGN SECTION

SHEET 2 OF 2

EBPPCGS-90-30P-TYPE IIID-70&75

FOR INFORMATIONAL PURPOSES ONLY