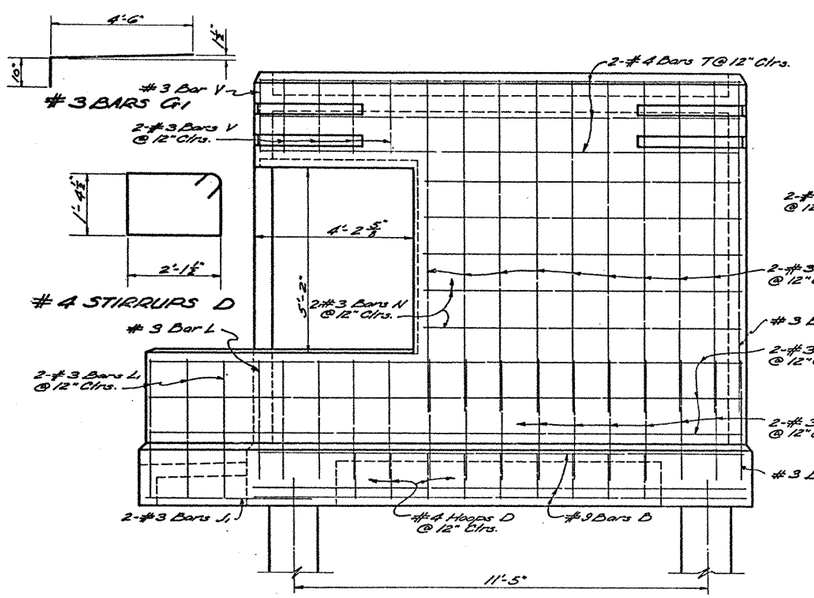
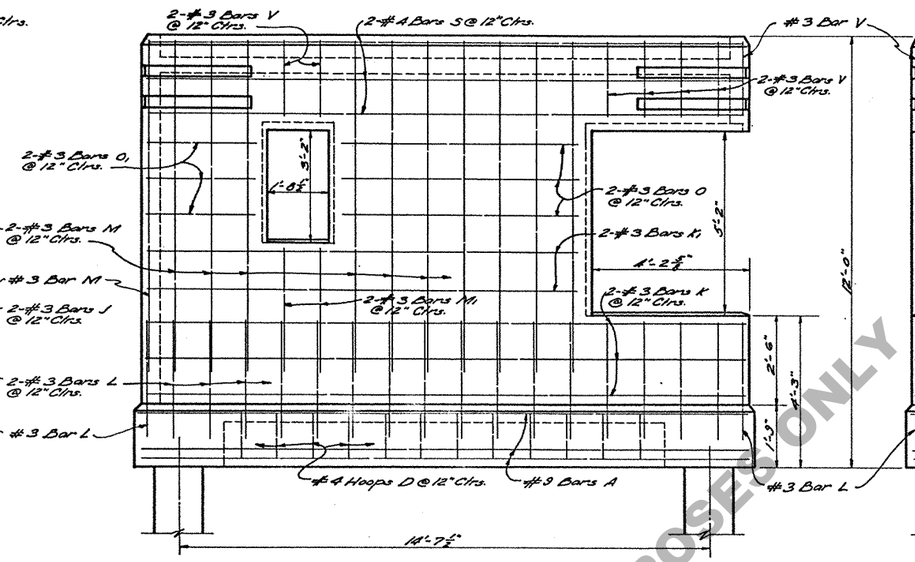
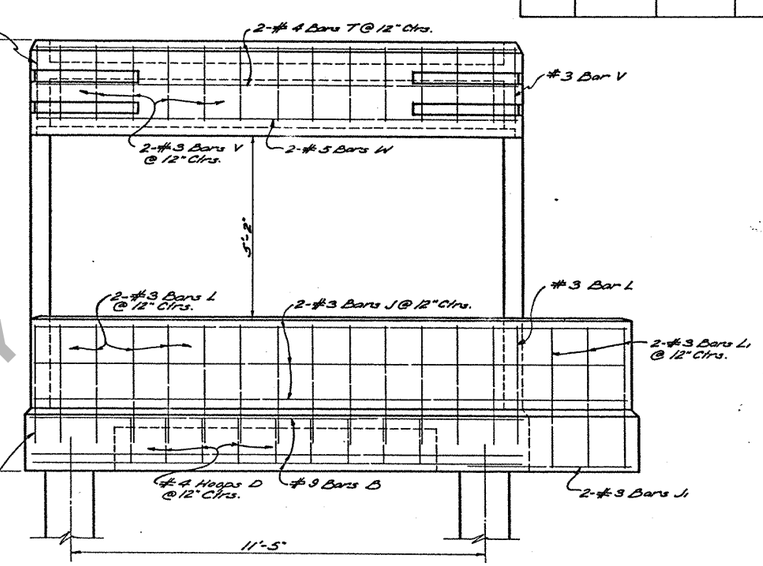
STATE PROJECT	PARISH	SHEET No.



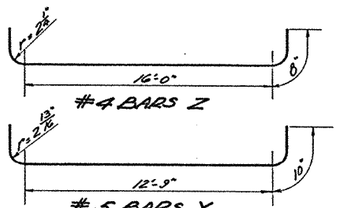
SIDE ELEVATION

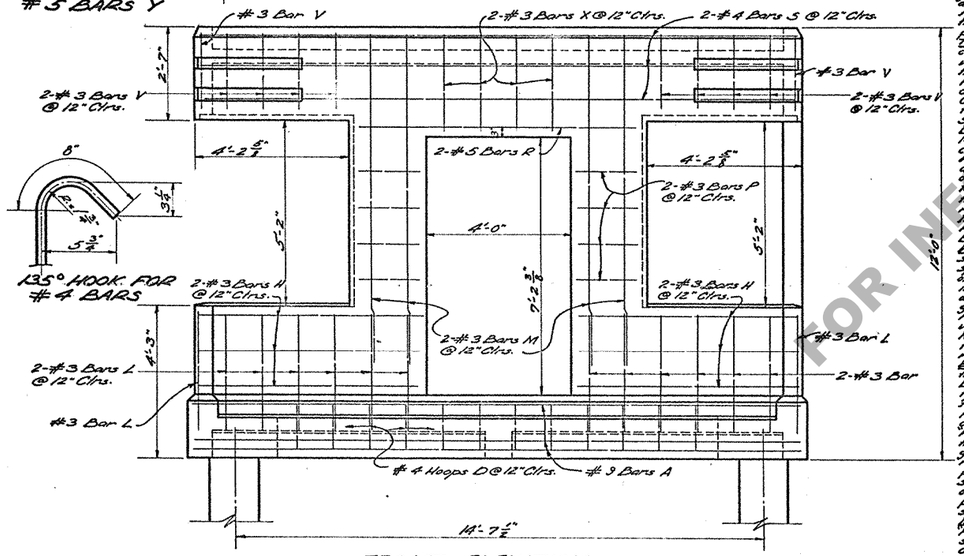


REAR ELEVATION



SIDE ELEVATION





FRONT ELEVATION
NO REIN. SHOWN IN SIDEWALK AND HANDRAIL

GENERAL NOTES:

CONSTRUCTION SPECIFICATIONS: Latest approved Louisiana Department of Highways Standard Specifications.
DESIGN SPECIFICATIONS: A.A.S.H.O. 1953 for Highway Bridges as amended to December 31, 1954.
CONCRETE to be Class 3A.
REINFORCEMENT BARS shall be structural, intermediate, or hard grade, A.S.T.M. A15 or rail steel A.S.T.M. A16.
Dimensions to reinforcing are to bar centers.
PLUMBING: The contractor shall install a complete system of plumbing including ¾" water line to source of supply. Sewer to drain into stream at a point below house floor and at the side of the operator's house on the channel side. Elevation of outlet to be -1.0. Plumbing to be in accordance with standard practice. This includes galvanized steel cold water piping, 4" cast iron leaders and 4" fixtures drain lines. Cover cold water line from source to house with insulation to prevent freezing. Provide control valve near house in accessible place and equal to the operator's house.
TOILET: Provide one "Grade" flush mounted medicine cabinet No. 1318. Provide one water closet K-2100 V.C. white complete with seat No. 423-B and outdoor open front seatless cover; angle stop supply. Provide and No. P3865-20x18 white Regular lavatory W/B-1010 C.P. cast iron faucet and K. B&E-C P.M. K. stop supply, 1½" C.P.P.O. pipe and 1" C.P.P.O. traps. The above fixtures to be as manufactured by American Radiator and Standard Sanitary Corporation or approved equal.
WATER: Provide 1" to be buried over frost chamber and lath with ½" air space. Channels to be fastened to concrete wall with U.S. Gypsum clips No. 500 or equal. Walls to be of frame construction using 2x4 and 2x6 (No. 2 fir studs, 16" O.C. with metal lath nailed on and ½" plaster applied on both sides. Cabinets in toilet to be of Douglas fir plywood over 2x4 fir framing. One cabinet to be open to hold brooms and mops and other cabinet to be shelved as shown. Include necessary hardware for cabinets. Floor of house to be covered with ¼" Red Quarry Tile (6"x6"). Base also to be of red tile.
WINDOWS: Windows furnished for the operator's house shall be double hung steel windows Series 139 as specified and manufactured by Truscon Steel Company of Youngstown, Ohio, or approved equal and shall include standard hardware, weather-stripping and No. 18 mesh bronze screen. Windows to be glazed with double strength glass according to manufacturer's specifications. Joints shall be caulked where shown on details and wherever required. Mullions and necessary anchors to fasten windows to wall should be furnished in accordance with manufacturer's specifications.
EXTERIOR DOOR: The exterior door furnished for the operator's house shall be "Fenestra" "Entrance Door (roll hard swing in) or equal and of size and type in schedule. Provide solid bronze rough finish hardware. Cylinder lock to be "Fenestra" No. 1333. Hinges to be "Fenestra" No. 1642-B. Door check to be "Fenestra" No. 1463. Door stop to be "Fenestra" No. 1493. Door to have brass or bronze threshold and to be weatherstripped. Door to be glazed with ¼" thick plate glass according to manufacturer's specifications. Metal frame to be provided with necessary anchors. Opening to be screened with 18 mesh copper or bronze screen on metal frame. Provide necessary hinges, nickel plated door pull and push plate, and No. 44 "Norton" screen door closer or equal.
INTERIOR DOOR: The interior door for toilet shall be "Fenestra" Panel Door with metal frame of the size and type shown in the schedule. Door to be complete with necessary hinges and "Fenestra" Lock No. 1980 or equal.
ROOFING: The roof shall be 4 ply built up roof (20 years) coal tar pitch and tarred felt with gravel finish according to Rubberoid Specifications No. 203 or approved equal. Place 16 Oz. soft copper flashing as shown in details.
ROOFING INSULATION: Place two ¾" layers of "Fiberglass" roof insulation between roofing and concrete slab placed according to Owens-Corning Specifications RIVB-31 or approved equal.
DOWNSPOUT: Provide one rectangular 4"x6" downspout made of 16 Oz. hard copper with leader head fastened to wall with brass or copper straps 1½"x¼" at approximately 6'-0" centers. Straps to be soldered to downspout and fastened to concrete clear of wall by brass screws set in lead expansion shields.
PAINTING: Inside plastered walls and toilet to be painted with two coats water thinned paint such as Texolite or Super Kem-Tone, from the base to the bottom of window (2'-5" from finished floor) all around and in toilet (except cabinet) to be dark slate color. From bottom of window up and ceiling to be ivory color. Exterior door, screen door, and windows to have one field coat of aluminum before glazing and one coat of aluminum after glazing. The inside of exterior door, windows, and both sides of interior door (toilet door) to be painted two coats dark slate semi-gloss enamel such as Sherwin-Williams Semi-Lustre. The above paint to be as specified or approved equal. Cabinet to be painted and coat orange shellac and two coats of clear span varnish.
IMAGES: The contractor shall form the images of the plaques as shown on the operator's house, as indicated on the plans, by means of countersunk aluminum molds, which will be furnished by the Department. These molds should remain the property of the Department and shall be delivered to the SIGN AND STRUNG ENGINEER, CENTRAL SIGN SHOP, DEPT. OF HWYS., Baton Rouge, La., upon completion of the operator's house.
HEATER: One simplex gas "Good Boy" wall heater with wall thermostat to be installed where shown on details. Install gas line from storage tank to operator's house in accordance with standard practice. The above heater to be as specified or approved equal.
GAS: Install a 150 gallon, above ground, Liquified Petroleum Gas Tank. Contractor to have tank filled.
BLINDS: The operator's house shall be furnished with individual metal venetian blinds over all windows. The work shall include the furnishing of all labor, materials, equipment and services necessary for and reasonably incidental to the manufacture and installation of blinds. The blinds shall be first quality having metal head and bottom rail with plastic tapes. Slats to be Hunter Douglas Fireglum or equal. Color to be pastel green throughout.
FURNITURE: Provide one No. 1656F 36"x24" Salesman's Desk; one No. 2326 Aluminum Chair, and one No. 2326 Aluminum Chair; color to be olive green. The above is manufactured by the General Fireproofing Company or approved equal.
ELECTRICAL: "The Work" is detailed and described in the electrical drawings. All electrical work will be paid for under Item G-5-2, Power Plant.
All material required to complete operator's house, including furniture, gas heater, liquified petroleum gas system, plumbing fixtures, and venetian blinds to be included in lump sum bid for house, except precast concrete piles which are to be paid for at the price bid for that item and all electrical equipment which shall be included in the price bid for Item G-5-2, Power Plant.

BILL OF REINFORCING STEEL

BAR	SIZE	No.	LENGTH	TOTAL LENGTH	LOCATION
A	#9	12	16'-9"	201'-0"	Front and Rear Elev. - Top and Bottom in Girders
B	#9	12	13'-7"	163'-0"	Side Elevations - Top and Bottom in Girders
TOTAL #9 BARS = 364'-0" = 1238 LBS.					
C	#5	12	13'-7"	163'-0"	Sections A-A and B-B - Floor Slab
R	#5	2	8'-0"	16'-0"	Wall Above Door - Front Elev.
W	#5	2	13'-3"	26'-6"	Wall Above Window - Side Elevation
Y	#5	25	14'-5"	360'-5"	Roof Slab
TOTAL #5 BARS = 565'-11" = 590 LBS.					
D	#4	42	8'-0"	336'-0"	Stirrups in Girders
E'	#4	9	16'-9"	150'-9"	Sections A-A and B-B - Floor Slab
S	#4	12	16'-5"	197'-0"	Wall Above Windows - Front and Rear Elevs.
T	#4	10	13'-3"	132'-6"	Wall Above Windows - Side Elevations
Z	#4	20	17'-4"	346'-8"	Roof Slab
TOTAL #4 BARS = 1162'-11" = 777 LBS.					
K,	#3	4	12'-1"	48'-4"	Wall - Rear Elev.
F	#3	13	16'-7"	215'-7"	Sections A-A and B-B Floor and Sidewalk
G	#3	13	13'-5"	174'-5"	Sections A-A and B-B Floor
G,	#3	16	5'-4"	85'-4"	Sidewalk
H	#3	12	6'-0"	72'-0"	Wall Below Window - Front Elev.
J	#3	12	16'-3"	195'-0"	Walls and Handrail - Side Elevations
J,	#3	6	5'-2"	31'-0"	Sidewalk Brackets - Sections B-B and D-D
K	#3	6	16'-5"	98'-6"	Wall - Rear Elev.
L	#3	116	3'-4"	386'-8"	Vertical in Walls: Front, Rear and Side Elevations.
L,	#3	12	3'-11"	47'-0"	Handrail - Side Elevations
M	#3	48	9'-3"	444'-0"	Vertical in Walls: Front, Rear and Side Elevations.
M,	#3	4	3'-6"	14'-0"	Vertical in Wall Below Toilet Window
N	#3	10	3'-0"	30'-0"	Horizontal in Wall - Side Elevation
O	#3	6	6'-8"	40'-0"	Horizontal in Wall - Rear Elevation
O,	#3	6	3'-0"	18'-0"	Horizontal in Wall - Rear Elevation
P	#3	16	1'-8"	26'-8"	Horizontal in Wall - Front Elevation
V	#3	68	2'-1"	141'-8"	Vertical in Walls Above Windows: Front, Rear & Side Elev.
X	#3	8	2'-8"	21'-4"	Vertical in Walls Above Door - Front Elev.
TOTAL #3 BARS = 2149'-6" = 808 LBS.					

DATE	DESCRIPTION	BY
	REVISIONS	

STANDARD PLAN

OPERATOR'S HOUSE

DATED JAN. 1955

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED | DETAILED | TRACED
CHECKED | CHECKED | CHECKED
BRIDGE DESIGN SECTION

FOR INFORMATION PURPOSES ONLY

C. M. 129 A