

STATE OF LOUISIANA
LOUISIANA HIGHWAY COMMISSION

PLAN AND PROFILE OF PROPOSED STATE BRIDGE

AT
KROTZ SPRINGS

ST. LANDRY & POINTE COUPEE PARISHES

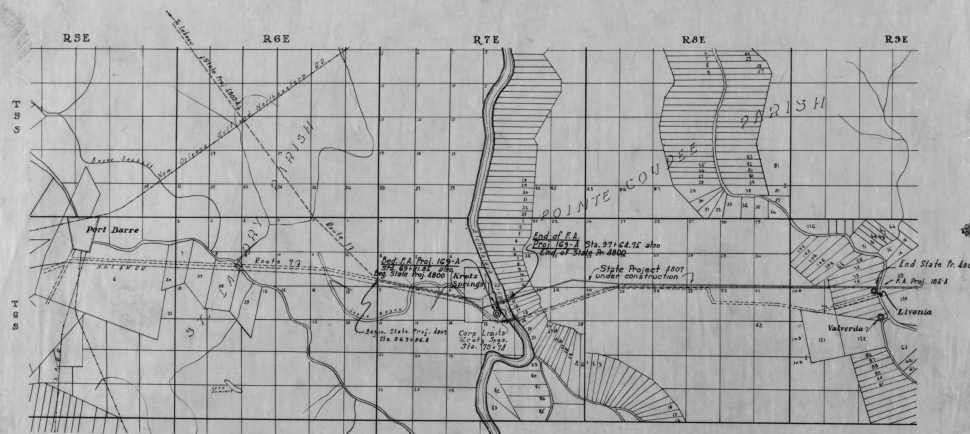
FEDERAL AID PROJECT N° 169A
STATE PROJECT N° 4800

STATE PROJECT	OFFICIAL SOURCE	PARTIAL	YEAR	SHEET NO.	TOTAL SHEETS
1980	?	Public House 38 Landry	1991	1	10

FED ROAD DIST NO.	STATE	FED AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
C	LA	165-A	1979	1	12

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10	" " 0-3-378
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CONVENTIONAL SIGNS

Base Line
Grade Line
Ground Line
Right of Way
Traveled Roadway
Fence
Landscape
Ditch
Railroad
Property Lines
Section and Grant Lines
Township and Range Lines
Ward and Road Dist. Boundary Lines
Parish and State Boundary Lines
Telephone and Telegraph Lines
Boundary Lines (General)
Mile Posts-at end of mile

Length of P. A. Proj. 169-A		
	Feet	Miles
Length Roadway	0.0	0.0
Length of Bridge	2782.895	0.527
Total length	2782.895	0.527

LAYOUT MAP

SCALE: 1 INCH = 7040 FEET

0	7040	14080	21120	2816
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APPROVED *[Signature]*
State Highway Engineer

APPROVED *[Signature]* 7.22.5

APPROVED 7.22.9

RECOMMENDED FOR APPROVAL

Division Engineer, 6th Federal Aid Dist.

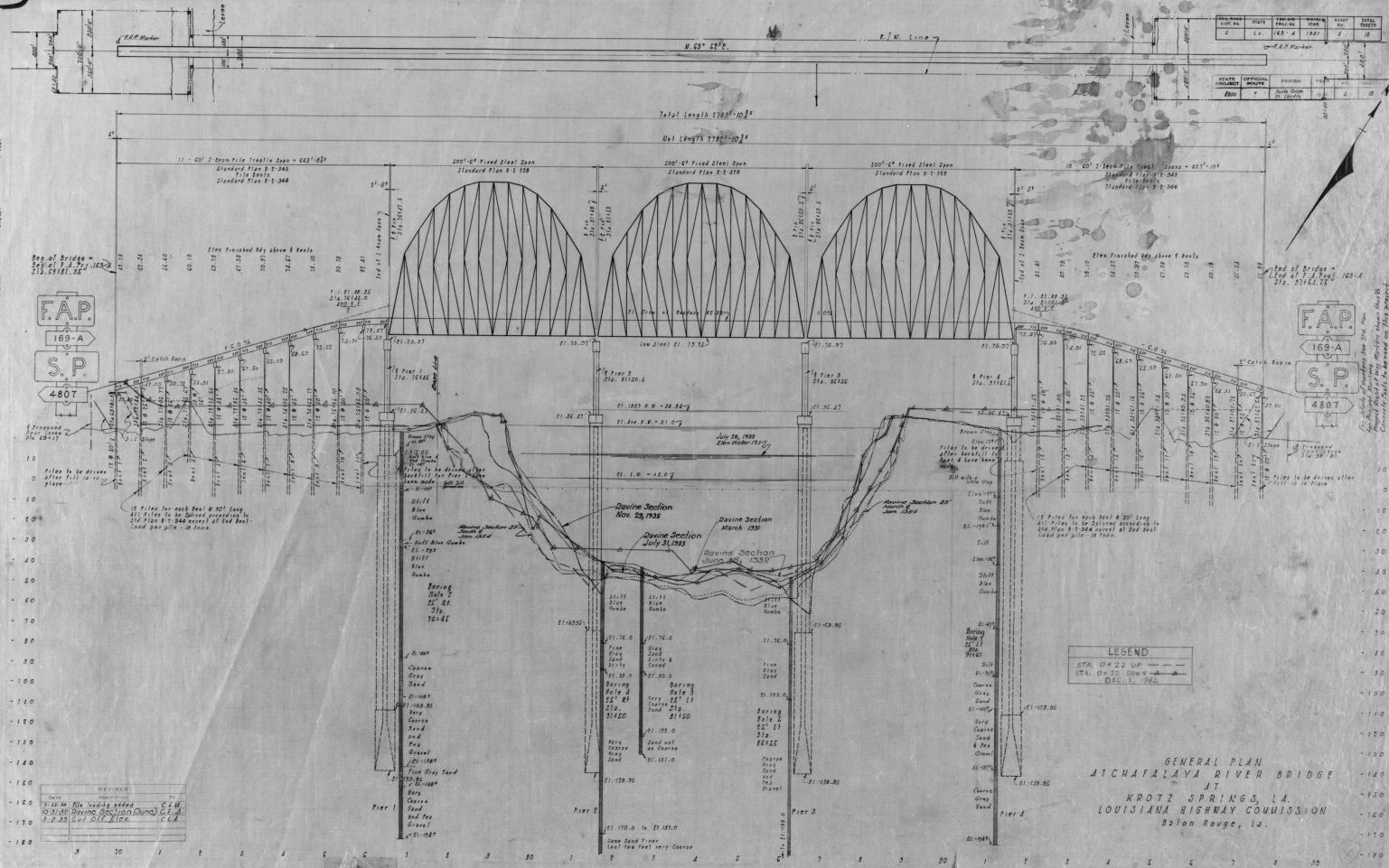
RECOMMENDED FOR APPROVAL

Chief Engineer Bureau of Public Roads

APPROVED:

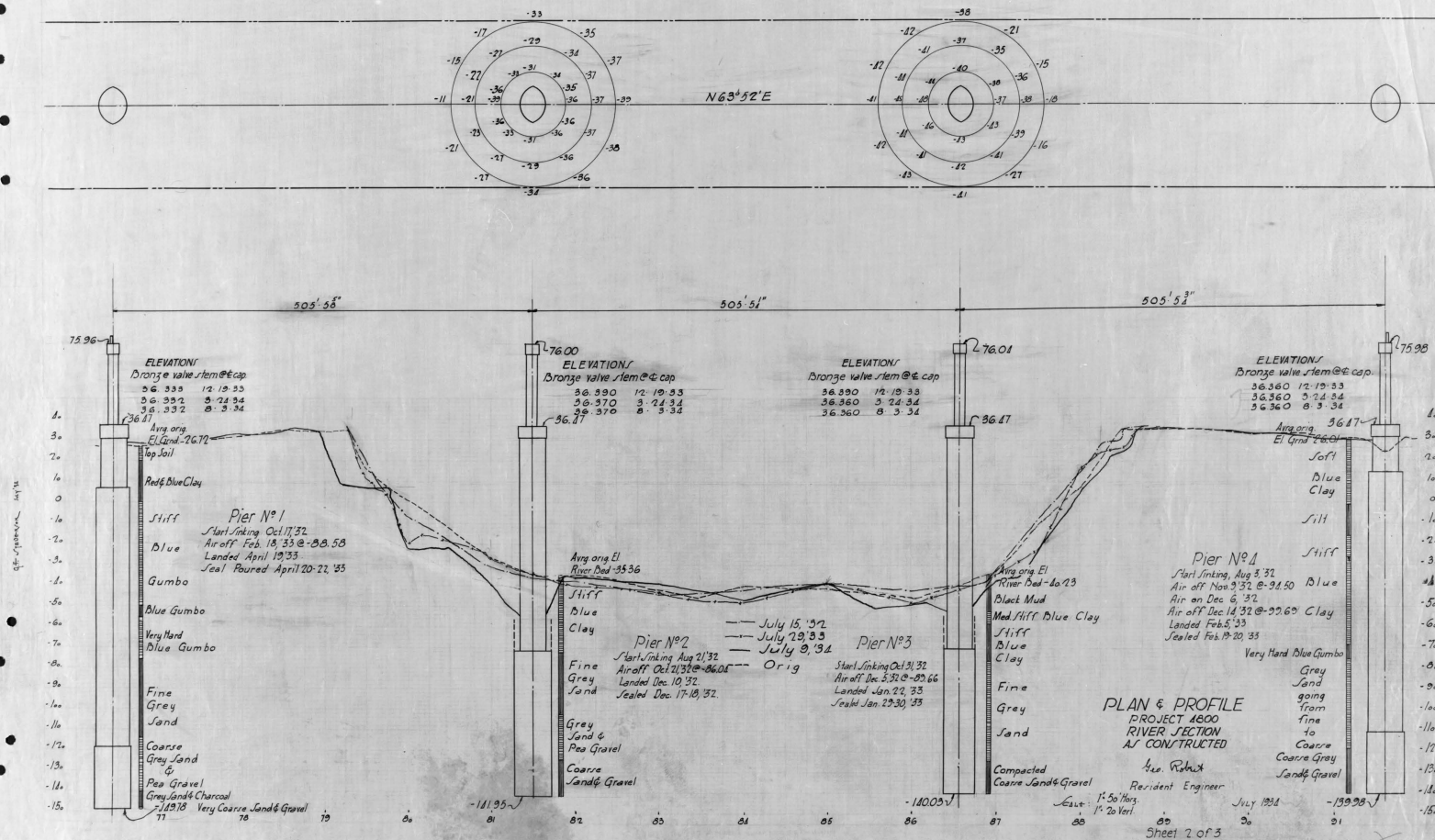
455/2010

13



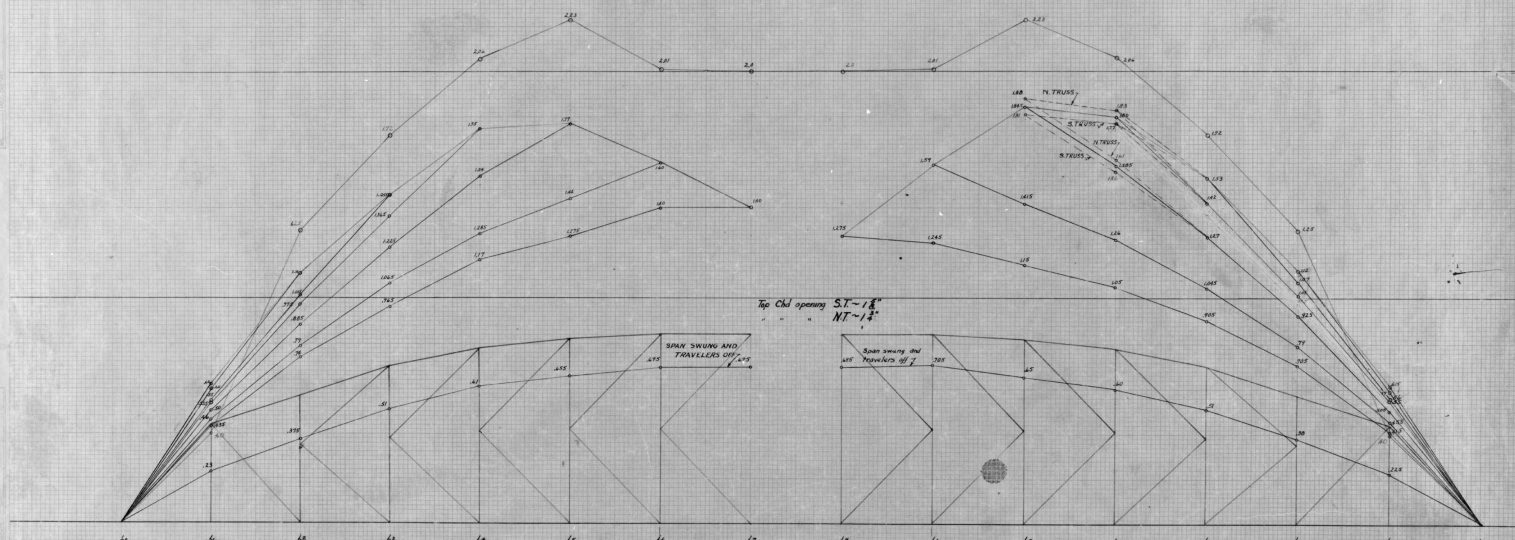
PLER NO. LA-7-21

17



HAER NO. LA-7-24

18



Pier No-2
West End

Note: Red line indicates calculated deflections
Black lines indicates actual deflections, as
traveler moves forward

Jacking Data

Top chords made or milled with a rise of
8" on Pier No-1 and 42" on Pier No-4.
Bottom chords made with rise of 19" on
Pier No-1 and 11" on Pier No-4.
Tie-back beams removed on East end (Pier No-3),
with total rise on jacks at Pier No-4 of 42 1/2",
and at Pier No-1 a rise of 52 1/8".
(See book No. 13-718; Page 45)

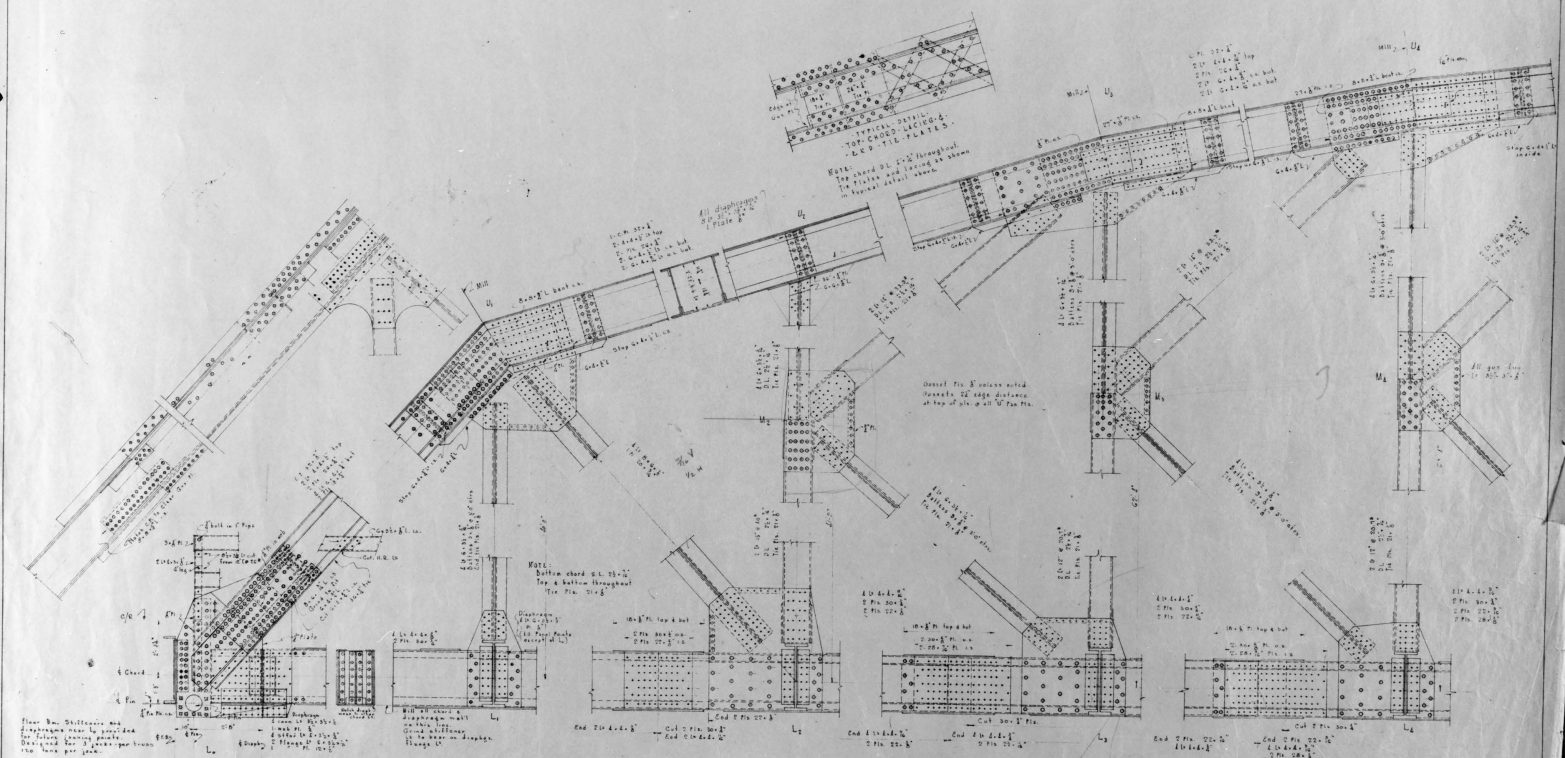
Pier No-3
East End

CANTILEVER SPAN DEFLECTION DIAGRAM
Atchafalaya River at
Krotz Springs, La.
Louisiana Highway Commission
R.I.S.

HAER NO. LA-7-25

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Revised Sheet No. 5
 Date: 10-10-41
 008-04-5



STANDARD PLAN
 500 FT. FIXED STEEL TRUSS SPAN
 CARBON STEEL - 24 FT. RDWY.
 LOUISIANA HIGHWAY COMMISSION
 Baton Rouge, La.

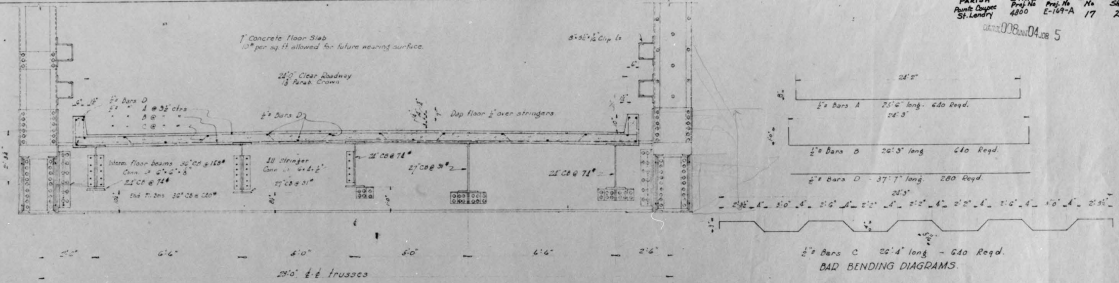
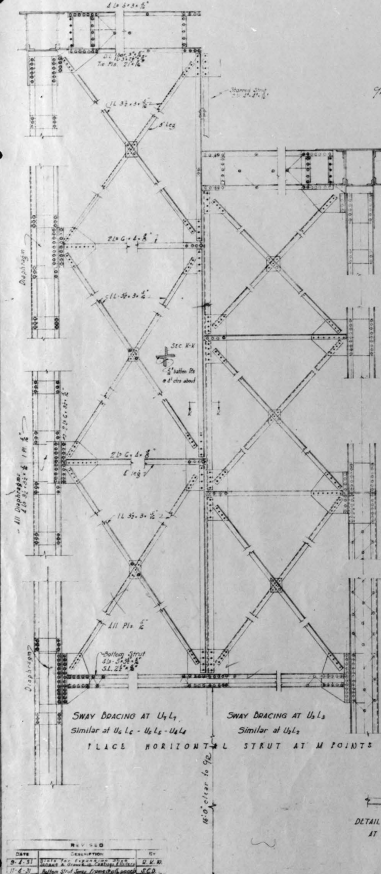
Gen. Robert
 Resident Engineer

SHEET 5 OF 5 (B-2-328) S-H-T-19

HAER NO. LA-7-26

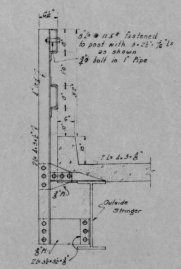
43

DESIGN BY: **HAIR NO. 4A-7-26**
 DATE: **May 13, 1931**
 SHEET: **17**
 OF: **29**

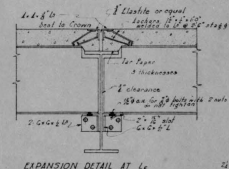


TYPICAL SECTION

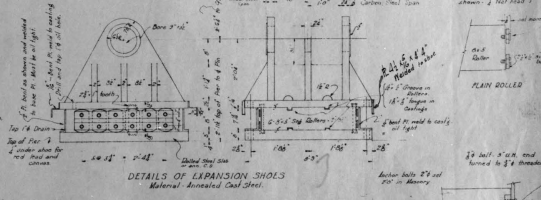
HALF SECTION AT U₁ L₁ SHOWING FLOOR EXPANSION JOINTS



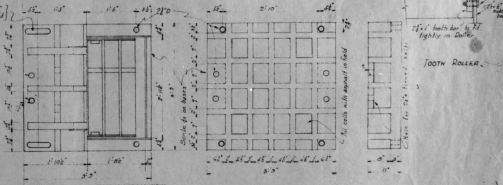
INTERMEDIATE HANDRAIL POST See diagram below for location



EXPANSION DETAIL AT U₁ L₁



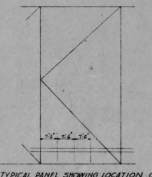
DETAILS OF EXPANSION SHOES Material: Annealed Cast Steel



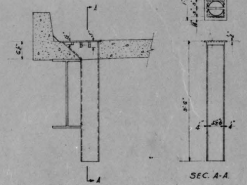
HALF TOP VIEW HALF BOTTOM VIEW EXPANSION SHOE

ALTERNATE SECTIONS Centre & 3rd Stringers Intermediate Stringers Floor Beams

Notes for Fixed Shoe: 1. All expansion shoes shall be fixed shoe (supply note for 4) 2. All expansion shoes shall be fixed shoe (supply note for 4)



TYPICAL PANEL SHOWING LOCATION OF INTERMEDIATE HANDRAIL POSTS (Dimension & location to all vertical and diagonals)



C.I. DRAINS 20 DEED - PART 1 & 2 PANEL

Constructed as indicated.
 See Notes
 Resident Engineer.

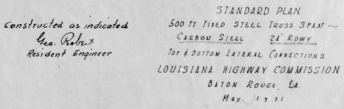
STANDARD PLAN
 300 FT. FIXED STEEL TRUSS
 24 FT. ROADWAY

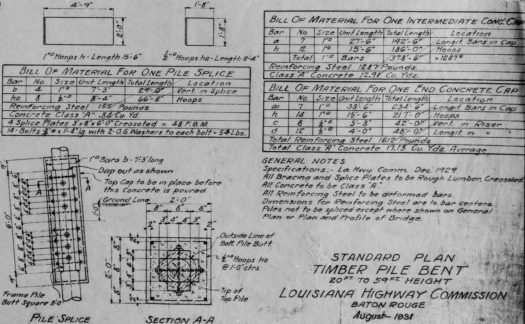
LOUISIANA HIGHWAY COMMISSION
 Baton Rouge, La.
 May 13, 1931

SHEET 17 OF 29

(B-2-328) 5-H-7-26

HAIR NO. 4A-7-26

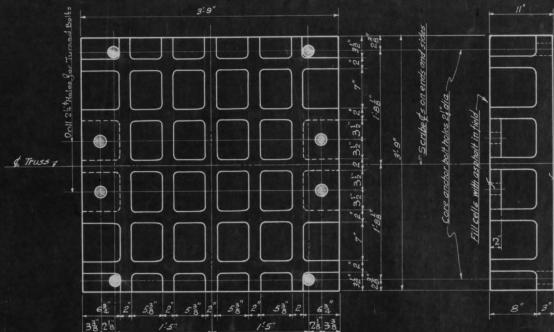




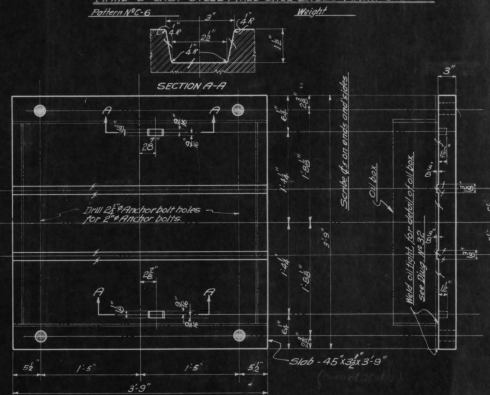
GENERAL NOTES
Specifications: La. Navy Comm. Dec. 1929
All Bracing and Splice Plates to be Rough Lumber, Creosoted.
All Concrete to be Class "A".
All Reinforcing Steel to be deformed bars.
Dimensions for Reinforcing Steel are to bar centers.
Piles not to be spliced except where shown on General
Plan or Plan and Profile of Bridge.

STANDARD PLAN
TIMBER PILE BENT
20 FT. TO 59 FT. HEIGHT
LOUISIANA HIGHWAY COMMISSION
BATON ROUGE
August-1951

(B-2-344)C-5-14



Pattern N° C-6



Weight.

NOTE: All steel castings to be annealed.
All machined surfaces coated with
White lead and tallow.

SHOP PAINT:
One coat of Red Lead as per specifications

NOTE TO SHOP:-
Material Listed for One Span.
3 Spans Required.

ATCHAFALAYA RIVER BRIDGE
KROTZ SPRINGS LA. PRO. 1800
LOUISIANA HIGHWAY COMMISSION
THE FOUNDATION CO. PITTSBURGH PA
NASHVILLE BRIDGE COMPANY
NASHVILLE, TENN.

RIVETS ☐ OR NOTED _____ HOLE ☐ OR NOTED _____ FIELD CORN _____ SHOP PAINT <u>See note</u> _____ PAINT _____ BILL MATERIAL NO. _____		DESIGNER PLANT _____ DRAWN BY <u>Reuter</u> DATE <u>10-21-31</u> TRACED BY <u>JL</u> DATE <u>11-22-31</u> CHECKED BY <u>N.H.B.</u> DATE <u>12-22-31</u> DATE PRINTED _____ CONT. 4651 S O 5779-G	DRAWING NO. <u>33</u>
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CONT. 4651	Drawings No.
S.D. 5779-G	38