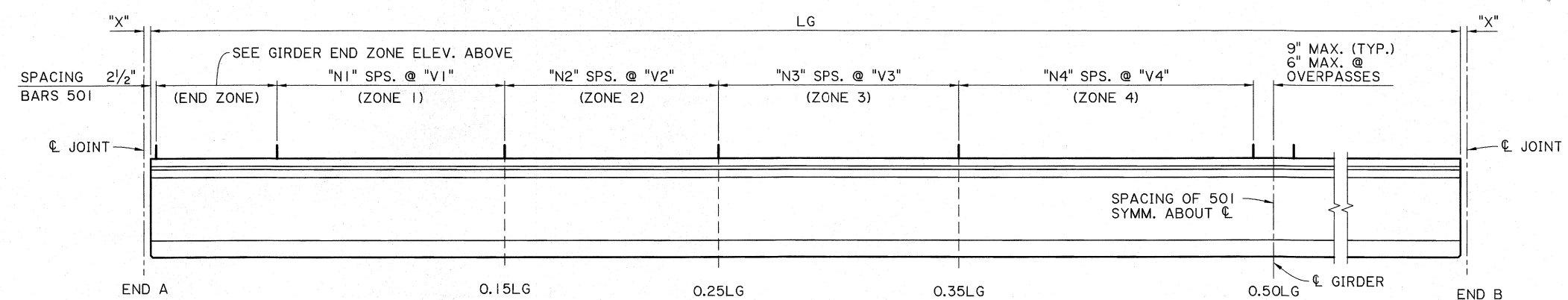


GIRDER END SECTION

ELEVATION OF GIRDER END ZONE
(FLANGE LINES NOT SHOWN FOR CLARITY)



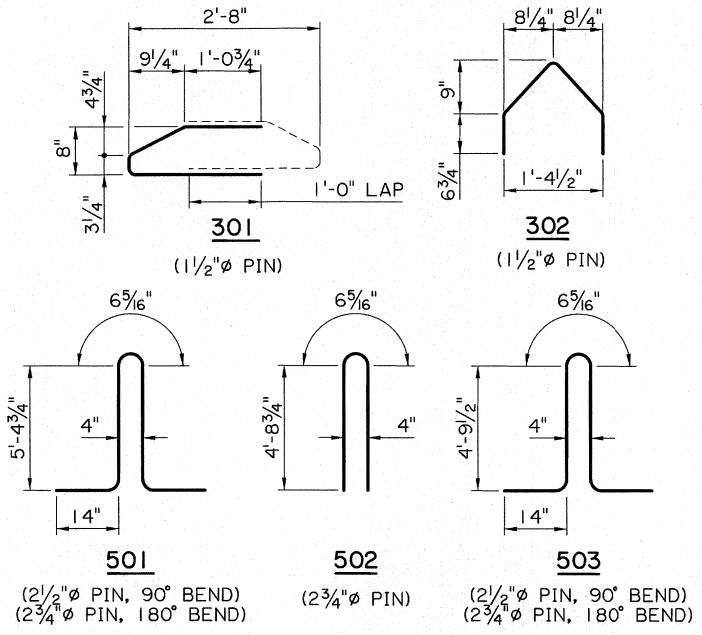
GIRDER ELEVATION
(N.T.S.)

LIST OF CONVENTIONAL REINFORCEMENT

BAR	NO.	UNIT LENGTH	LOCATION
501	VARIABLES	13'-8"	STIRRUP
502	10	10'-0"	STIRRUP (BUNDLE W/ 501)
503	VARIABLES	12'-5"	STIRRUP (ALT. FOR 501)
504	6	LG LESS 4"	TOP FLANGE LONG. REINF.
401	VARIABLES	3'-8"	TOP FLANGE TRANS. REINF.
301	VARIABLES	4'-0"	CONFINEMENT REINF.
302	34	3'-2"	CONFINEMENT REINF.

* Δ UNIT LENGTH SHOWN DOES NOT INCLUDE LAPS FOR CONTINUOUS REINFORCEMENT. FOR UNIT LENGTH OVER 60 FT., ADD 2'-0" FOR EACH LAP SPLICE.

BENDING DIAGRAMS



NOTES:

- SEE SHEET 1 OF LG GIRDER COMMON DETAILS FOR GENERAL NOTES AND DEFINITIONS.
- SEE SHEET 2 OF 2 FOR DETAILS OF WWR TO REPLACE CONVENTIONAL REINFORCEMENT.
- CONVENTIONAL REINFORCING BARS 302 & 502 SHALL NOT BE REPLACED WITH WWR.
- AT THE CONTRACTOR'S EXPENSE, THE PAIR OF BARS 301 MAY BE FABRICATED AS A SINGLE BAR WITH A 1'-0" MINIMUM LAP.
- AT GIRDER ENDS WHERE AN EXPANSION JOINT ASSEMBLY IS REQUIRED, SUBSTITUTE 503 BARS FOR THE FIRST (3) 501 BARS. SEE LG COMMON DETAILS (SHT. 11 OF 11) FOR EXPANSION JOINT ANCHOR BOLT DETAIL.

SHEET NUMBER: --

DESIGNED: Z. LIANG
CHECKED: B. KEVER
DETAILED: D. BASTION
CHECKED: T. OUTANG
REVIEWED: Z. Z. FU
SERIES #: 1 OF 2

BY: _____
DATE: _____

REVISION OR CHANGE ORDER DESCRIPTION

STATE OF LOUISIANA
ZHENGGHENG FU
License No. 26814
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
7/19/18

LG-63 - REINFORCEMENT
CONVENTIONAL REINFORCEMENT

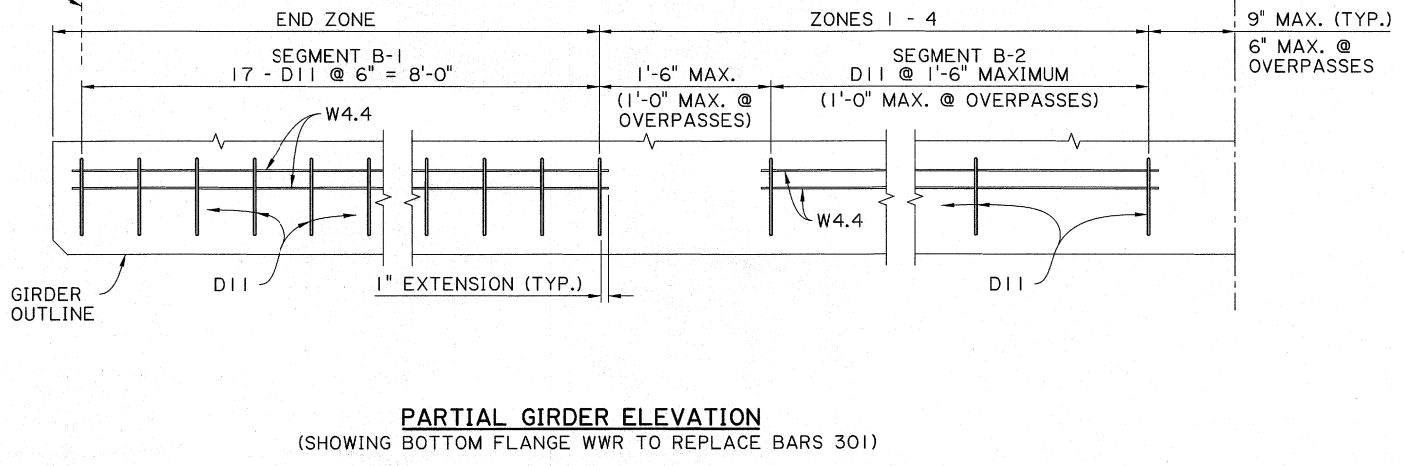
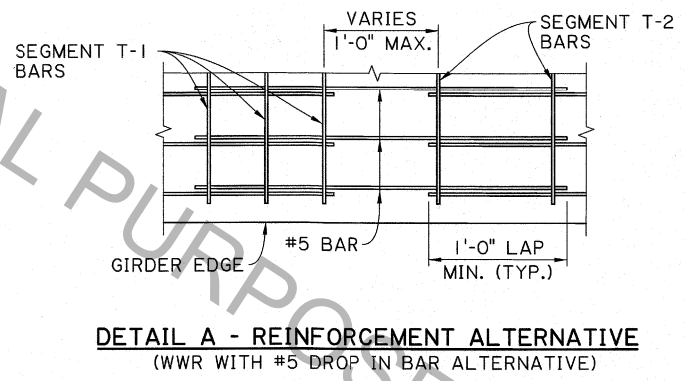
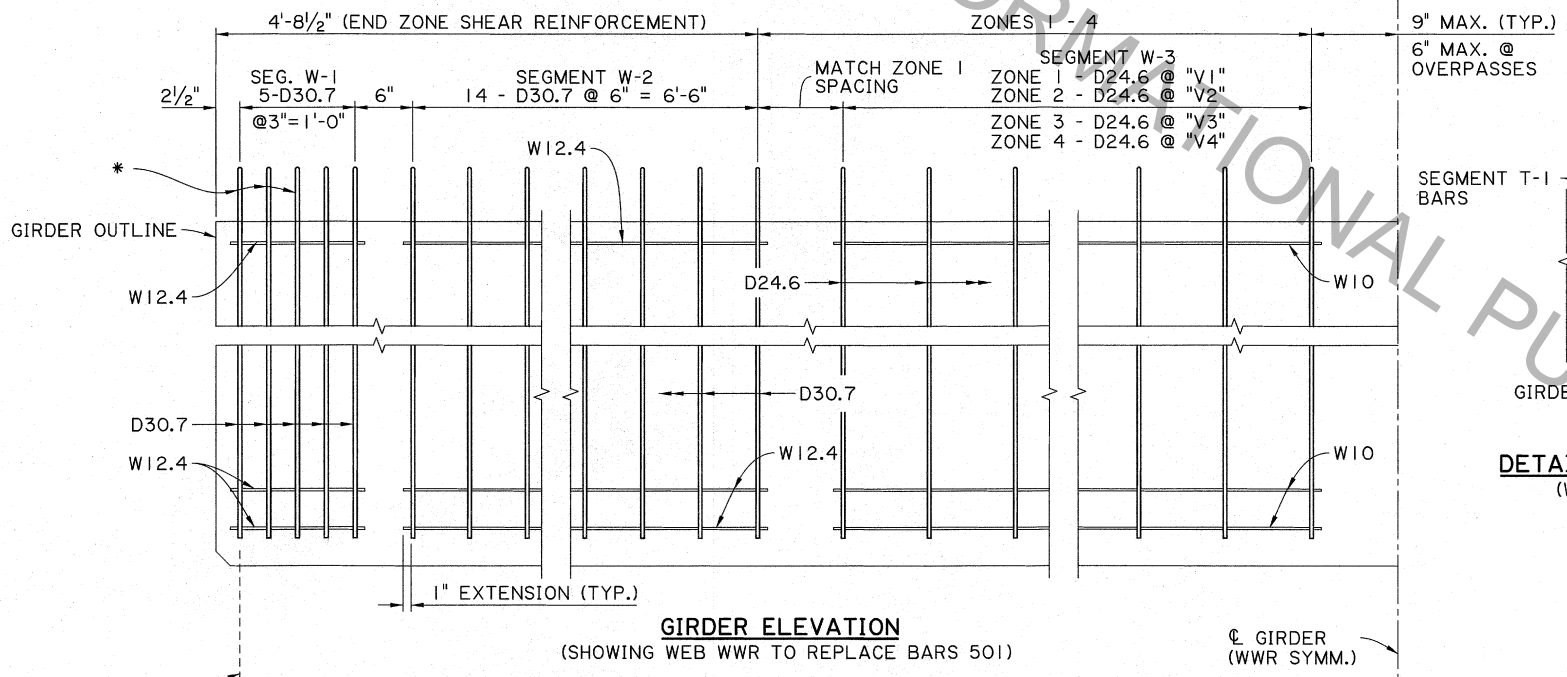
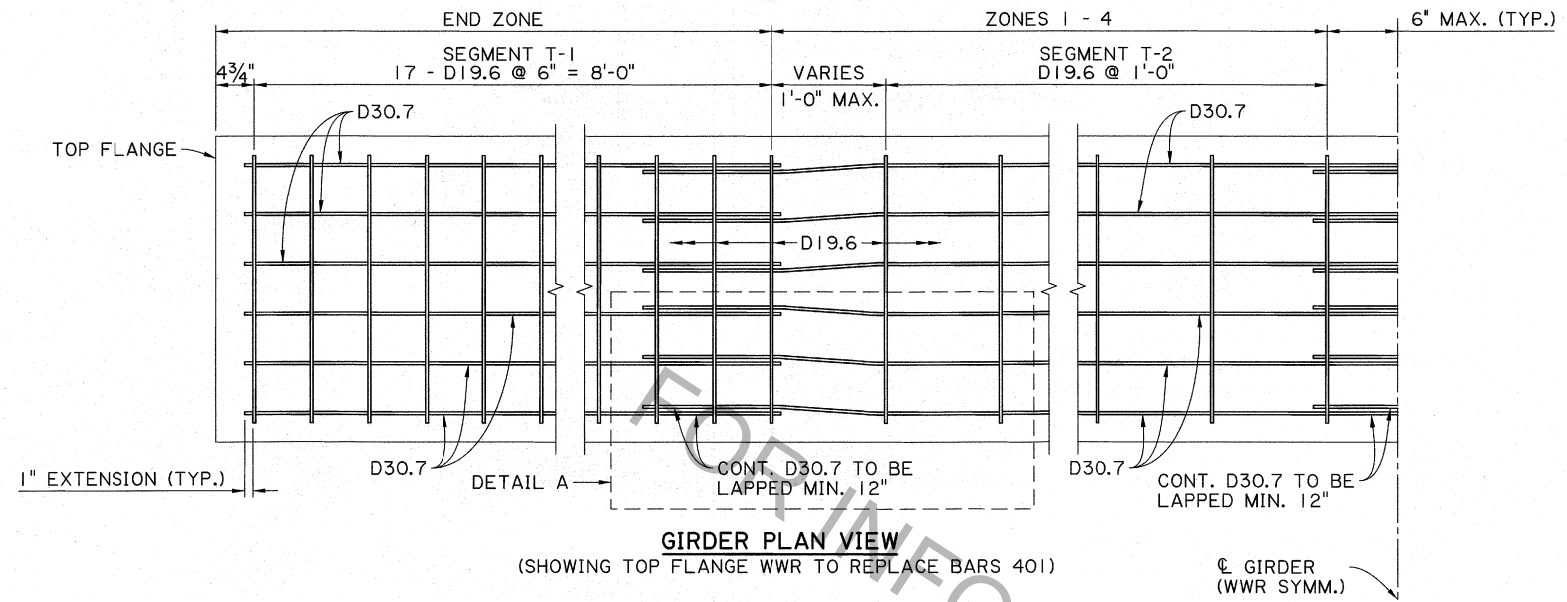
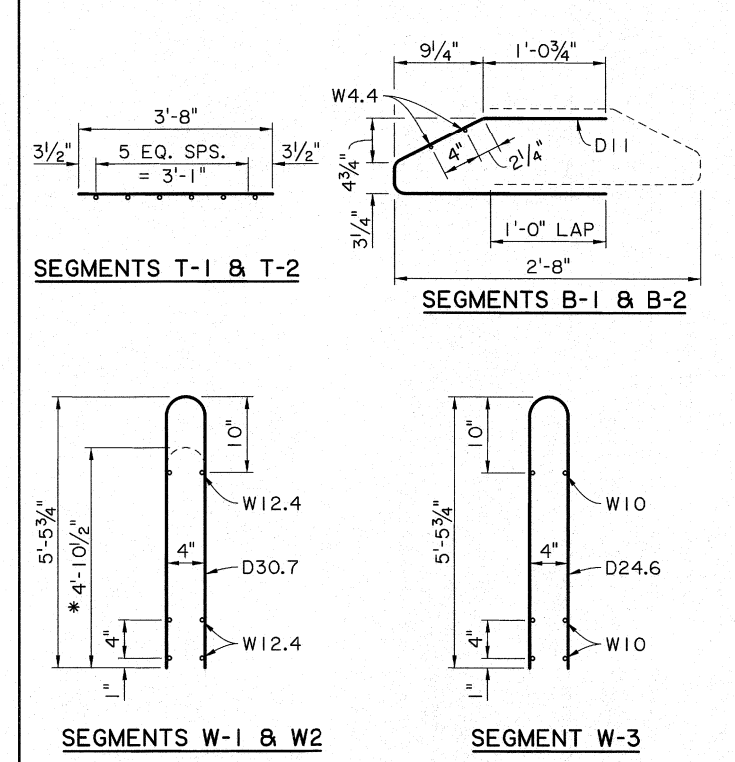
BD.2.2.4.6.01

DOTD
DOTD BRIDGE DESIGN

LIST OF WELDED WIRE REINFORCEMENT

SEG.	SIZE	NO. BARS	UNIT LENGTH	LOCATION
T-1	D19.6	34	3'-8"	TRANSV. TOP FLANGE REINF.
	D30.7	6	8'-2"	LONG. TOP FLANGE REINF.
T-2	D19.6	VARIABLE	3'-8"	TRANSV. TOP FLANGE REINF.
	D30.7	6	VARIABLE	LONG. TOP FLANGE REINF.
W-1	D30.7	10	11'-2"	STIRRUP
W-2	D30.7	28	11'-2"	STIRRUP
W-3	D24.6	VARIABLE	11'-2"	STIRRUP
B-1	D11	68	4'-0"	CONFINEMENT REINF.
B-2	D11	VARIABLE	4'-0"	CONFINEMENT REINF.

BENDING DIAGRAMS



SHEET NUMBER --

DESIGNED BY: Z. LIANG
 CHECKED BY: B. KEVER
 PARISH CONTROL SECTION
 DETAILED BY: B. KEVER
 CHECKED BY: T. OUTANG
 REVIEWED BY: Z. LIANG
 SERIES # 2 OF 2

NO. DATE

REVISION OR CHANGE ORDER DESCRIPTION

BY

STATE OF LOUISIANA PROFESSIONAL ENGINEER

LG-63 - REINFORCEMENT WELDED WIRE REINFORCEMENT

LG-63

BD.2.2.4.6.02

DOTD BRIDGE DESIGN

