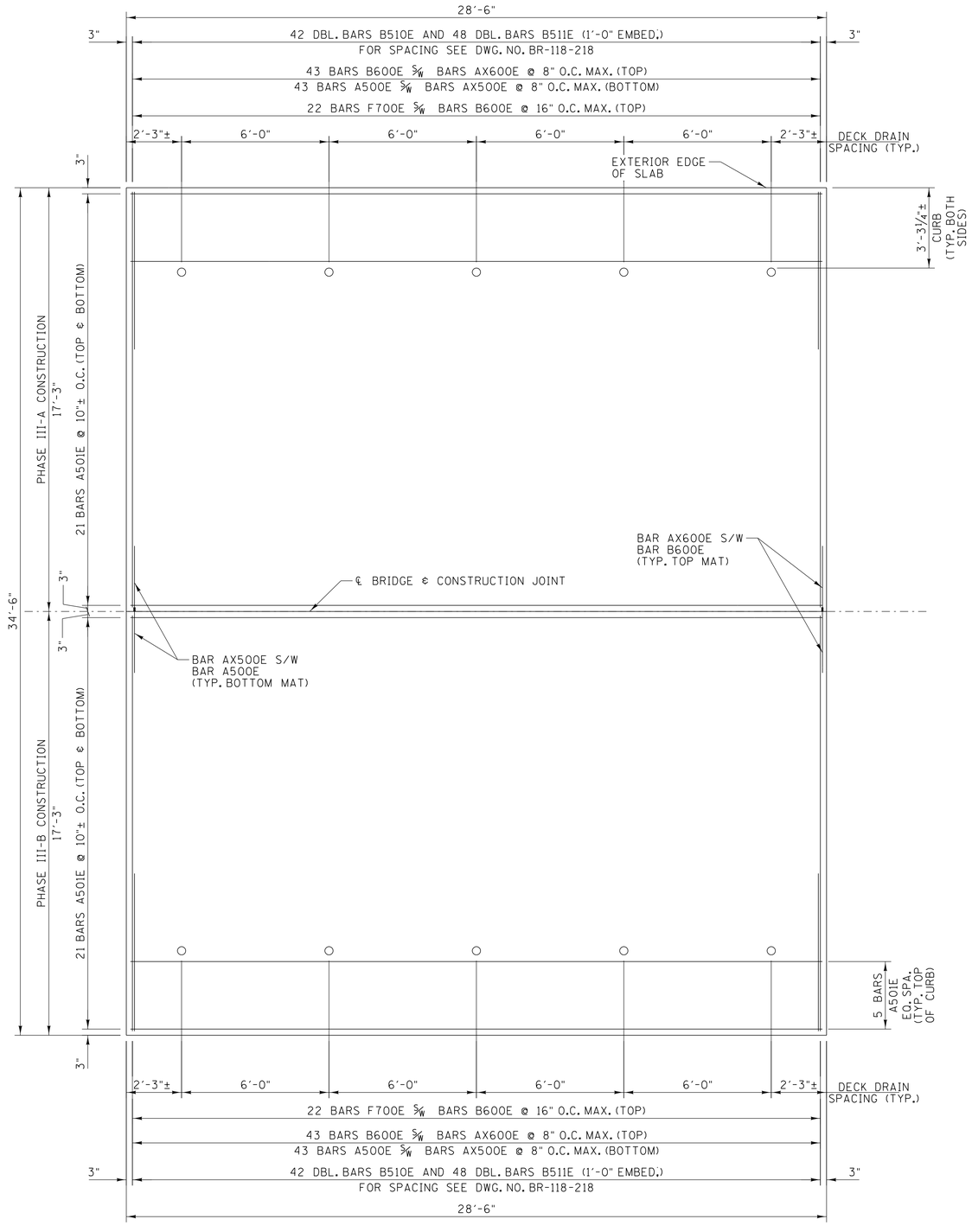


SLAB PLAN

(BR. NO. 26.74 - SPANS 1 & 9)
(TOP & BOTTOM MAT REINFORCING STEEL)
SCALE: ⅜" = 1'-0"

✳ BARS B510E EQUIVALENT TO BARS A ON REF. DWG. E-2-87

NOTE:

FOR SPAN REPLACEMENT LOCATIONS, SEE DWG. NO. BR-118-186.

FOR TYPICAL SECTIONS, SEE DWG. NOS. BR-118-195, BR-118-196, BR-118-200, AND BR-118-201.

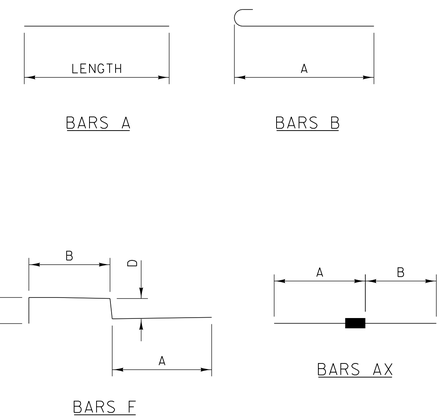
FOR DIAPHRAGM DETAILS, SEE DWG. NO. BR-118-213.

FOR DECK DRAIN DETAILS, SEE DWG. NO. BR-118-216.

PROJECT NO.	YEAR	SHEET NO.
79224-4205-04	2015	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION



BILL OF STEEL

SLAB REINFORCEMENT (PER SPAN REPLACEMENT)

BARS	SIZE	NO. REQ'D	BENDING DIMENSIONS A	B	C	D	LENGTH
A500E	5	86					17'-0"
A501E	5	94					28'-2"
AX500E	5	43	2'-9"	2'-7"			5'-4"
AX600E	6	43	3'-3"	3'-1"			6'-4"
B510E	5	44	3'-8"				4'-3"
B511E	5	96	3'-5"				4'-0"
B600E	6	86	17'-0"				17'-8"
F700E	7	44	3'-6½"	2'-10"	11"	8½"	8'-0"

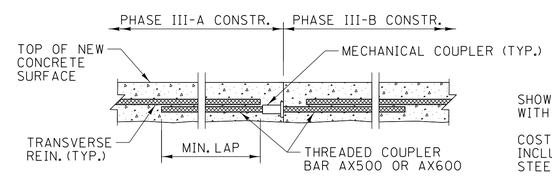
NOTES:

ALL BAR DIMENSIONS ARE OUT-TO-OUT.

ALL DIMENSIONS SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO FABRICATION.

BARS ENDING IN "E" TO BE EPOXY COATED.

"NO. REQ'D IS FOR ONE (1) SPAN REPLACEMENT, TWO (2) SPANS REQUIRED.



BAR CONNECTOR DETAIL

N.T.S.

MIN. LAP:
#5 BAR = 2'-7"
#6 BAR = 3'-1"

SHOWING TRANSVERSE REINFORCING STEEL SPLICING WITH MECHANICAL THREADED CONNECTORS.

COST OF MECHANICAL THREADED CONNECTORS TO BE INCLUDED UNDER ITEM NO. 604-10.18, REINFORCING STEEL (REPAIRS), LB.

26.74

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BRIDGE REPAIR DETAILS

STATE ROUTE 14
BRIDGE NO. 79-SR14-26.74

SHELBY COUNTY
2015

AMJAD S. KHAIRI
REGISTERED ENGINEER
AGRICULTURE
NO. 106650
STATE OF TENNESSEE
04/27/15

GARVER

DESIGNED BY J. L. HALBROOK DATE APR 2015
DRAWN BY C. J. HALBROOK DATE APR 2015
SUPERVISED BY J. H. RUDDELL DATE APR 2015
CHECKED BY A. J. KHAIRI DATE APR 2015
TN D.O.T. ENGINEERING SUPERVISOR M. LAWSON

JLHolbrook 4/27/2015 1:44:29 PM
WORKSPACE: TDOT Bridge
L:\2015\150T002 - Repair Five Bridges Shelby County\Drawings\BRG\03 - Final\BR-118-211.dgn