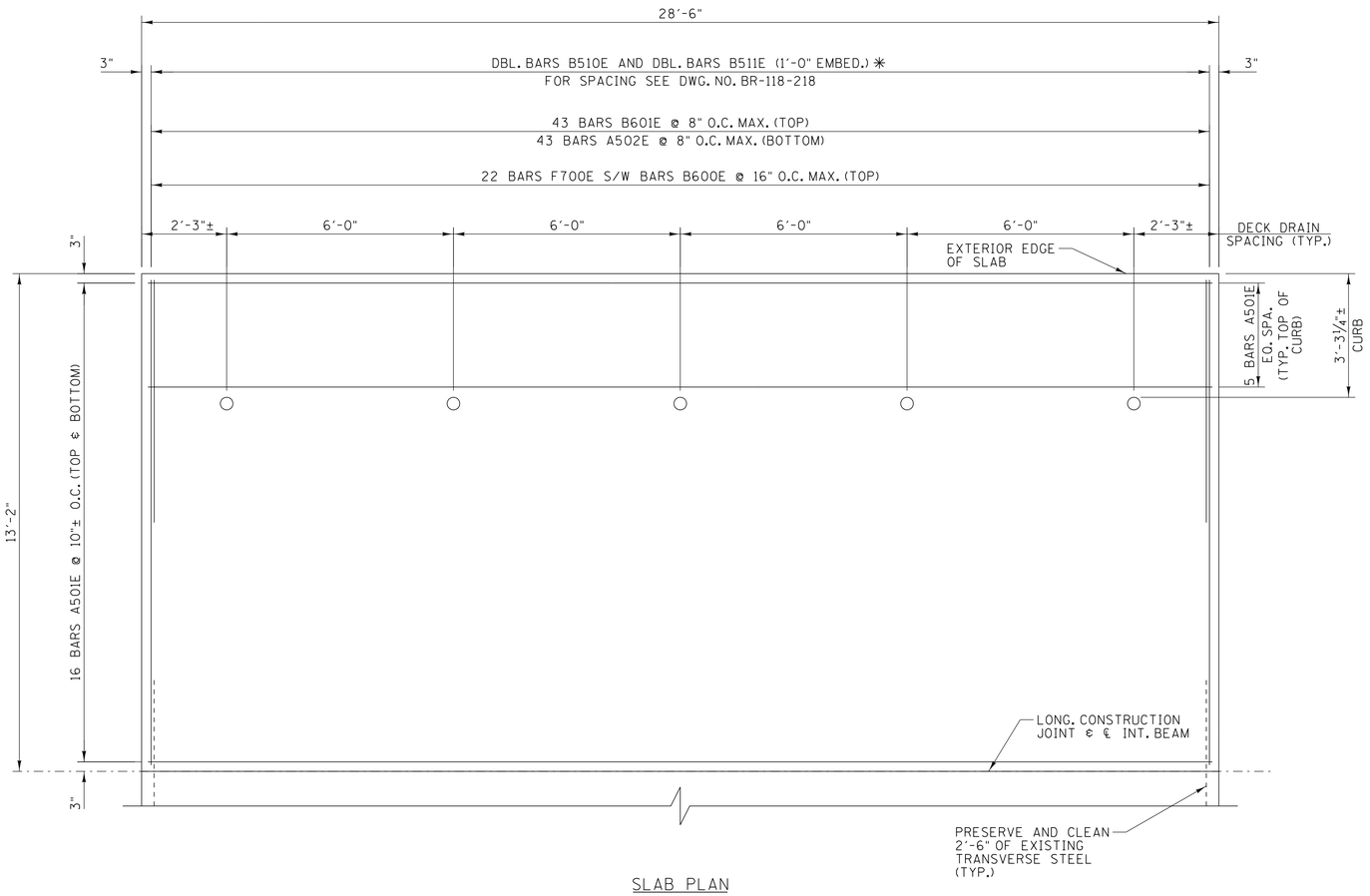
PROJECT NO.	YEAR	SHEET NO.
79224-4205-04	2015	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION

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



SLAB PLAN

(BR. NO. 26.74 - SPAN 8 AND BR. NO. 27.25 - SPANS 1 ℄ 4-7)
(REINFORCING STEEL FOR PARTIAL SLAB REPLACEMENT)
SCALE: ½" = 1'-0"

NOTE:

FOR SPAN REPLACEMENT LOCATIONS, SEE DWG. NOS. BR-118-186 AND BR-118-190.

FOR TYPICAL SECTIONS, SEE DWG. NOS. BR-118-199 AND BR-118-209.

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

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

BILL OF STEEL

SLAB REINFORCEMENT (PER INTERMEDIATE SPAN REPLACEMENT)

BARS	SIZE	NO. REQ'D	BENDING DIMENSIONS A	B	C	D	LENGTH
A501E	5	37					28'-2"
A502E	5	43					12'-10"
B510E	5	20	3'-8"				4'-3"
B511E	5	48	3'-5"				4'-0"
B601E	6	43	12'-10"				13'-6"
F700E	7	22	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, FOUR (4) SPANS REQUIRED.

BILL OF STEEL

SLAB REINFORCEMENT (PER END SPAN REPLACEMENT)

BARS	SIZE	NO. REQ'D	BENDING DIMENSIONS A	B	C	D	LENGTH
A501E	5	37					28'-2"
A502E	5	43					12'-10"
B510E	5	22	3'-8"				4'-3"
B511E	5	48	3'-5"				4'-0"
B601E	6	43	12'-10"				13'-6"
F700E	7	22	3'-6½"	2'-10"	11"	8½"	8'-0"

NOTES:

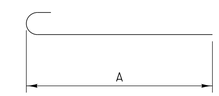
ALL BAR DIMENSIONS ARE OUT-TO-OUT.

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

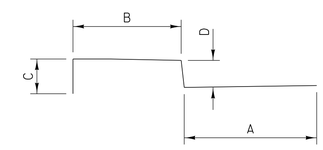
BARS ENDING IN "E" TO BE EPOXY COATED.

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

BARS A



BARS B



BARS F

26.74

27.25

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BRIDGE REPAIR DETAILS

STATE ROUTE 14
BRIDGE NO. 79-SR14-26.74
BRIDGE NO. 79-SR14-27.25

SHELBY COUNTY
2015

AMJAD S. KHAIRI
REGISTERED ENGINEER
AGRICULTURE & COMMERCE
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

BR-118-212

JLHalbrook 4/27/2015 10:41:15 AM
WORKSPACE: TDOT Bridge
L:\2015\150170D2 - Repair Five Bridges Shelby County\Drawings\BRG\03 - Final\BR-118-212.dgn