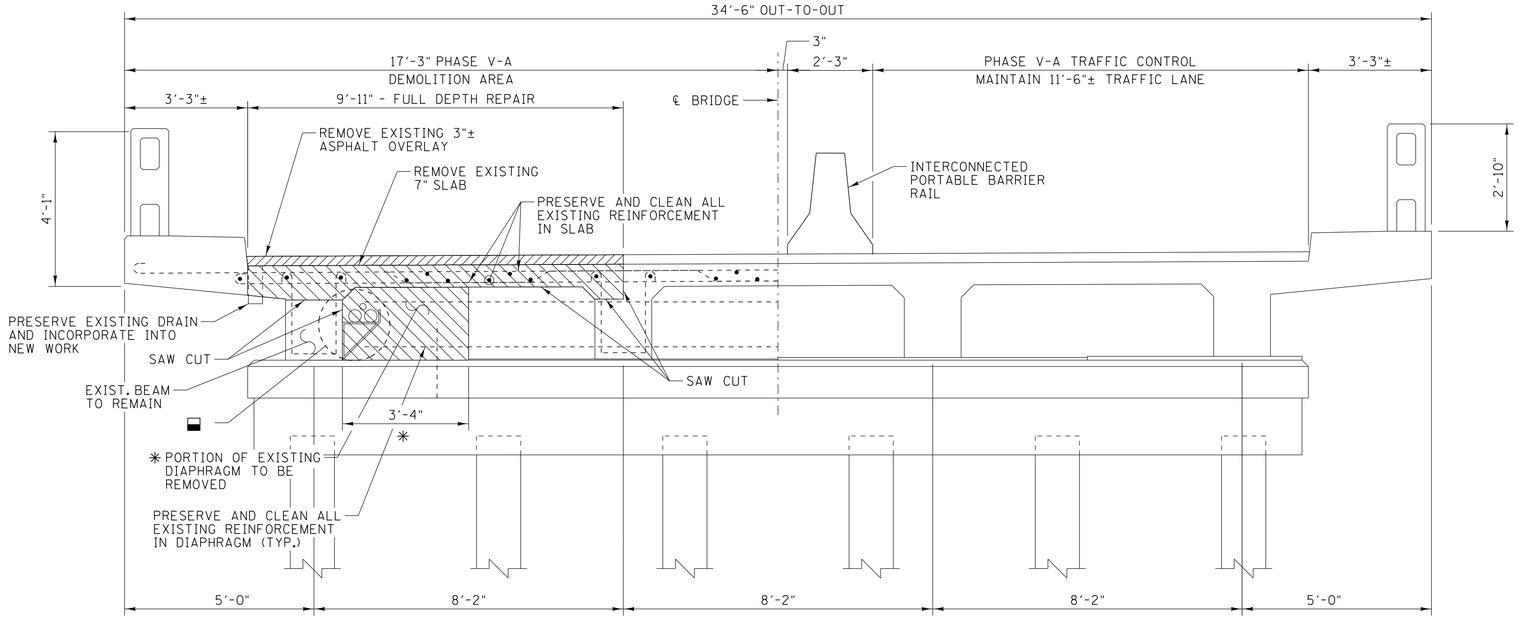
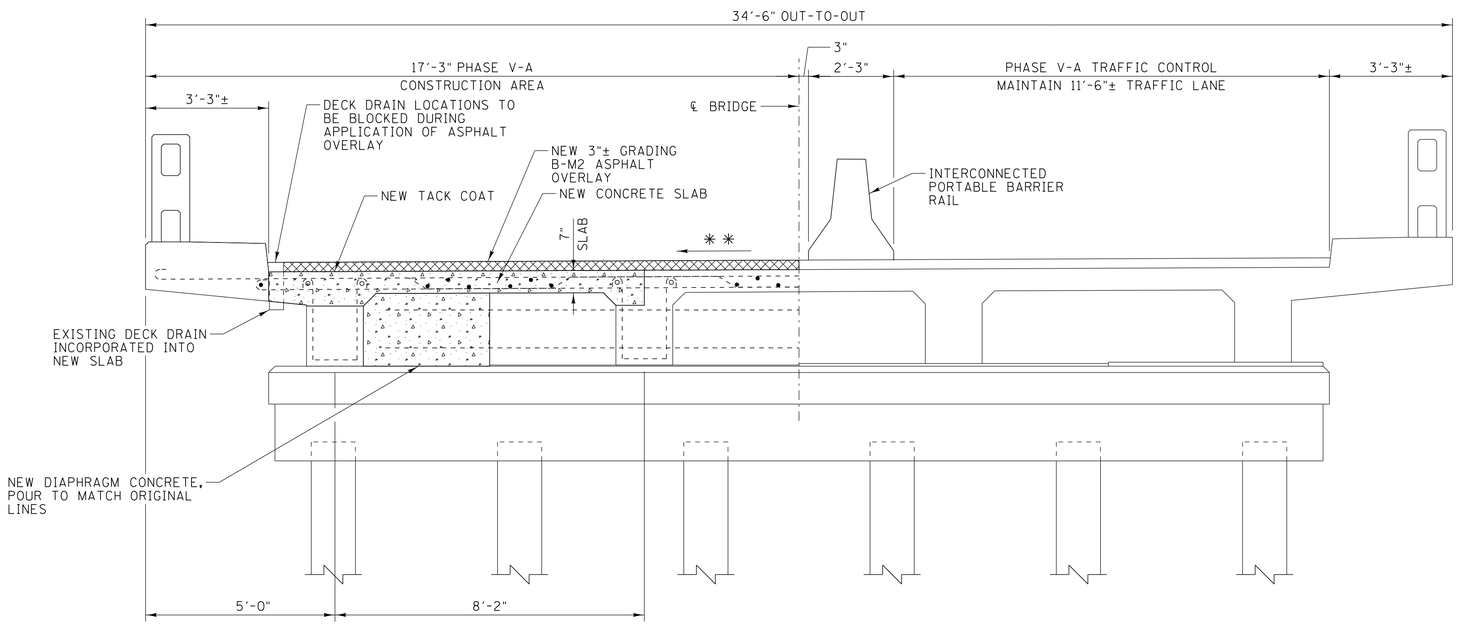


PHASE V-A: DEMOLITION

(TYP. BENT NOS. 1, 2 & 3)
(FIXED DIAPHRAGM SHOWN, EXPANSION SIMILAR)
SCALE: ½" = 1'-0"



PHASE V-A: CONSTRUCTION

(TYP. BENT NOS. 1, 2 & 3)
(FIXED DIAPHRAGM SHOWN, EXPANSION SIMILAR)
SCALE: ½" = 1'-0"

NOTE:

ALL REINFORCEMENT TO BE PRESERVED, CLEANED AND INCORPORATED INTO NEW WORK.

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

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION

- 2-4"ø UTILITY LINES AND 1-2"ø UTILITY LINE TO BE RELOCATED BY OWNER OF UTILITIES
- CONCRETE AREA TO BE REMOVED
- ASPHALT AREA TO BE REMOVED
- ✳ EXACT LIMITS OF REMOVAL TO BE DETERMINED BY TDOT ENGINEER IN FIELD
- ✳✳ MATCH EXISTING SLOPE

NOTES:

THE FINISHED GRADE OF THE CONCRETE ROADWAY CENTERLINE SHALL BE PARALLEL TO THE GRADE OF THE EXISTING BRIDGE. THE NEW SLAB SURFACE SHALL HAVE A CROSS SLOPE MATCHING THE EXISTING SLAB.

COST OF REMOVING EXISTING ASPHALT AT REPAIR SPANS SHALL BE PAID FOR UNDER ITEM NO. 604-10.30, BRIDGE DECK REPAIRS (FULL DEPTH OF SLAB), S.Y.

COST OF REMOVING EXISTING SLAB, SAW CUTTING AND ALL LABOR AND ANY MISCELLANEOUS ITEMS FOR SLAB REMOVAL AS SHOWN ON THE DETAILS SHALL BE INCLUDED IN ITEM NO. 604-10.30, BRIDGE DECK REPAIRS (FULL DEPTH OF SLAB), S.Y. THIS ITEM SHALL ALSO INCLUDE PRESERVATION AND CLEANING OF SLAB REINFORCING TO REMAIN.

ALL COSTS ASSOCIATED WITH REMOVING A PORTION OF EXISTING DIAPHRAGMS, SAW CUTTING, AND ALL LABOR AND ANY MISCELLANEOUS ITEMS FOR DEMOLITION SHALL BE INCLUDED IN ITEM NO. 604-10.42, CONCRETE REPAIRS, C.F. ALSO INCLUDES CLEANING, PRESERVATION OF DIAPHRAGM REINFORCING TO REMAIN.

NEW CONCRETE DIAPHRAGM AND SLAB SHALL BE POURED MONOLITHICALLY, BUT PAID FOR SEPARATELY.

THE COST OF FORMING AND POURING NEW HIGH EARLY STRENGTH CONCRETE FOR SLAB SHALL BE INCLUDED UNDER ITEM NO. 604-10.30, BRIDGE DECK REPAIRS (FULL DEPTH OF SLAB), S.Y. FOR ADDITIONAL NOTES AND DETAILS, SEE DWG. NO. BR-118-217.

THE COST OF FORMING AND POURING NEW HIGH EARLY STRENGTH CONCRETE FOR DIAPHRAGMS BACK TO ORIGINAL LINES SHALL BE INCLUDED UNDER ITEM NO. 604-10.42, CONCRETE REPAIRS, C.F.

THE COST OF MATERIALS AND ALL LABOR FOR PLACING NEW GRADING B-M2 ASPHALT OVERLAY AND NEW TACK COAT SHALL BE INCLUDED IN ITEM NO. 604-10.30, BRIDGE DECK REPAIRS (FULL DEPTH OF SLAB), S.Y. FOR NEW ASPHALT OVERLAY NOTES AND DETAILS, SEE DWG. NO. BR-118-219.

ALL COSTS ASSOCIATED WITH THE INTERCONNECTED PORTABLE BARRIER RAIL SHALL BE INCLUDED IN ITEM NO. 712-02.02, INTERCONNECTED PORTABLE BARRIER RAIL, L.F.

27.25

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BRIDGE REPAIR DETAILS

SR14 OVER OVERFLOW
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

JLHalbrook 4/27/2015 11:28:04 AM
WORKSPACE: TDOT Bridge
L:\2015\1507002 - Repair Five Bridges Shelby County\Drawings\BRG\03 - Final\BR-118-208.dgn