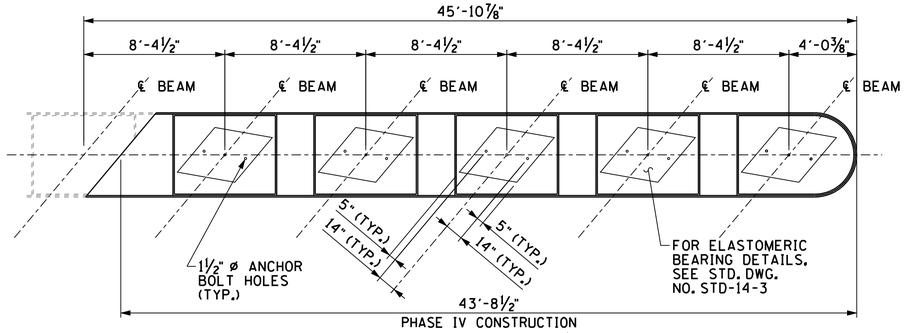
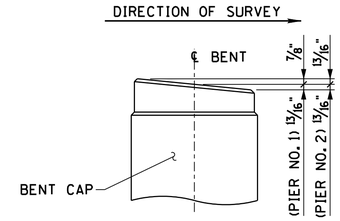


PLAN 2



RISER BLOCK SLOPE DETAIL

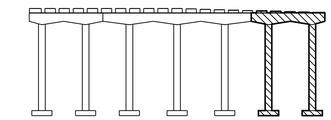
NOTE: RISER BLOCK BEARING SURFACE TO CONFORM TO BOTTOM OF BEAM GRADE.

CONST. NO. BR-I-40-3(155)

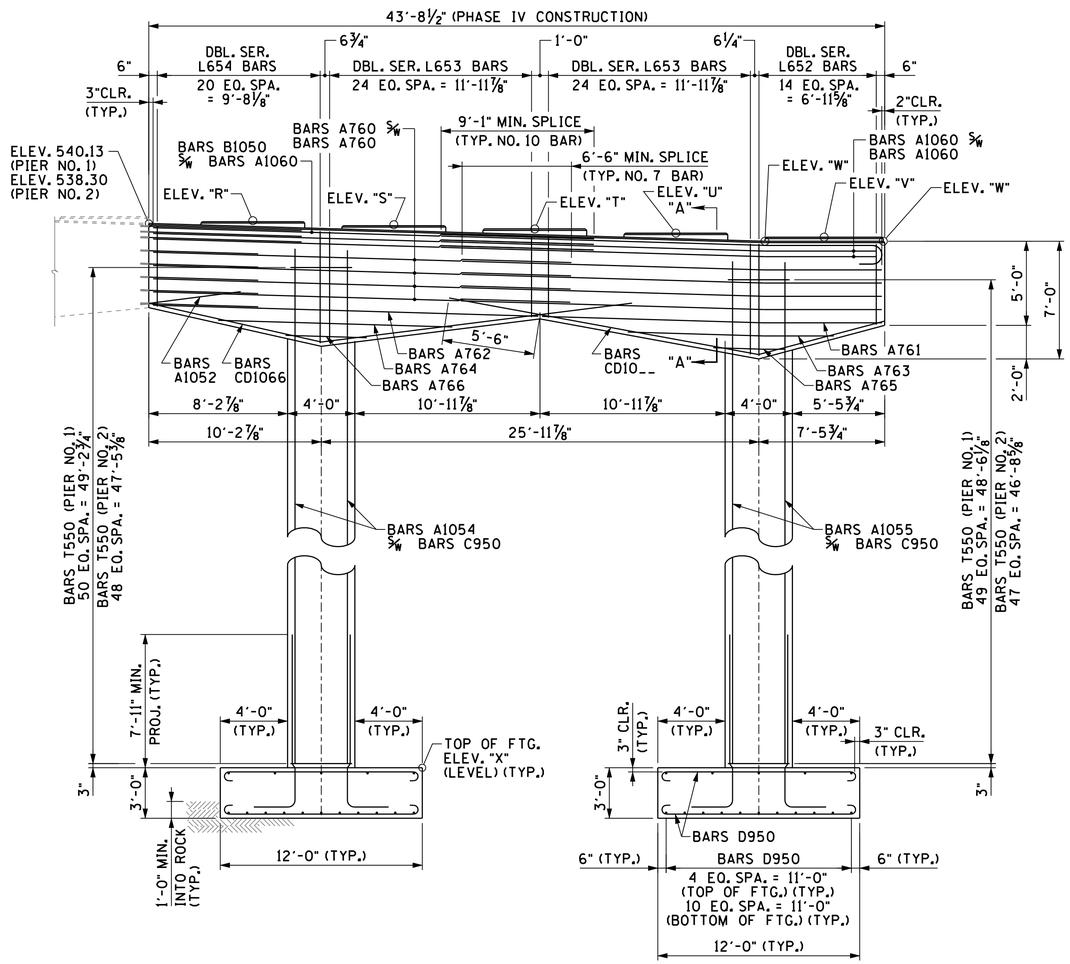
PROJECT NO.	YEAR	SHEET NO.
11003-3134-94	2014	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
1	02-05-13	DWT	UPDATED ELEVATIONS AND QUANTITIES
2	04-26-13	DWT	ADDED TEXT, REVISED BARS T550, DBL. SER. L652, DBL. SER. L653, AND DBL. SER. L654 QUANTITY, STEEL BAR REINFORCEMENT QUANTITY AND NOTE
3	11-15-13	DWT	REVISED QUANTITY FOR CLASS "A" CONCRETE AND STEEL BAR REINFORCEMENT

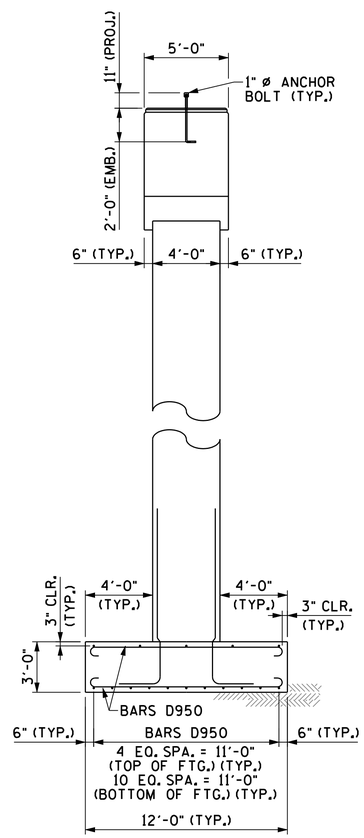


KEY



ELEVATION 2

(LOOKING FORWARD ON SURVEY)



END ELEVATION

3 ESTIMATED QUANTITIES PHASE IV CONSTRUCTION 1 2		
ITEM	CLASS "A" CONCRETE (BRIDGES) (C.Y.)	STEEL BAR REINFORCEMENT (BRIDGES) (LBS.)
PIER NO. 1	127	36,450
PIER NO. 2	124	35,950

NOTE: WHEN POURING CAP BEAM, PROVISIONS SHALL BE MADE FOR SETTING ANCHOR BOLTS. SEE STANDARD DRAWING STD-6-1. BOLT PROJECTION 11".

NOTE: RISER BLOCKS SHALL BE POURED MONOLITHICALLY WITH THE CAP BEAM.

NOTE: ELASTOMERIC PADS SHALL BE IN PLACE A MINIMUM OF ONE DAY BEFORE BEING DISTURBED BY SETTING BEAMS ON CONCRETE. PLACE RUBBER BONDING CEMENT IN SUCH A WAY THAT VISIBLE CONCRETE SURFACES WILL NOT BE STAINED.

NOTE: SEE SHEET BR-113-49 FOR SECTIONS "A-A" AND "B-B", PLAN OF FOOTING DETAIL, PLAN OF MAIN REINFORCEMENT AND COUPLER DETAIL.

2 NOTE: COLUMN STEEL TO EXTEND 5'-9" INTO CAP BEAM.

NOTE: RISER BLOCK BEARING PAD SURFACE TO CONFORM TO BOTTOM OF BEAM GRADE.

TABLE OF ELEVATIONS 1							
LOCATION	EL. "R"	EL. "S"	EL. "T"	EL. "U"	EL. "V"	EL. "W"	EL. "X"
PIER NO. 1	540.27	540.03	539.78	539.53	539.29	539.05	488.00
PIER NO. 2	538.43	538.20	537.96	537.73	537.50	537.24	488.00

04/04/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PIER NOS. 1 AND 2
(PHASE IV - EASTBOUND)

BRIDGE NO. 11-10040-05.63 (EB & WB)
INTERSTATE 40 OVER HARPETH RIVER
CHEATHAM COUNTY
2014

DESIGNED BY D. JAMES/D. THOMPSON DATE
DRAWN BY ANGELA MOORE DATE
SUPERVISED BY D. JAMES/D. THOMPSON DATE
CHECKED BY JAMIE GILLESPIE DATE

JAMES & ASSOCIATES, INC.