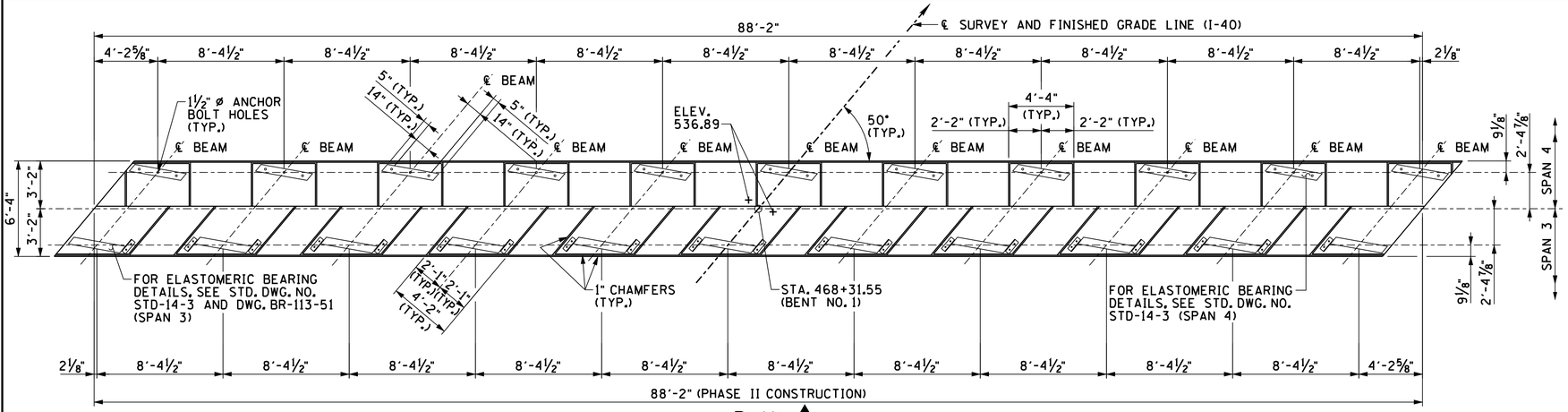
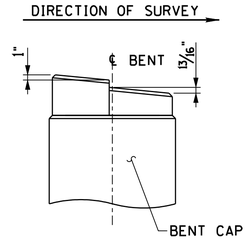


PLAN (2)



RISER BLOCK SLOPE DETAIL

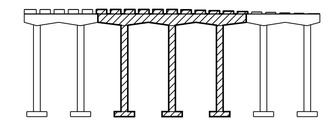
NOTE: RISER BLOCK BEARING SURFACE TO CONFORM TO BOTTOM OF BEAM GRADE.

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

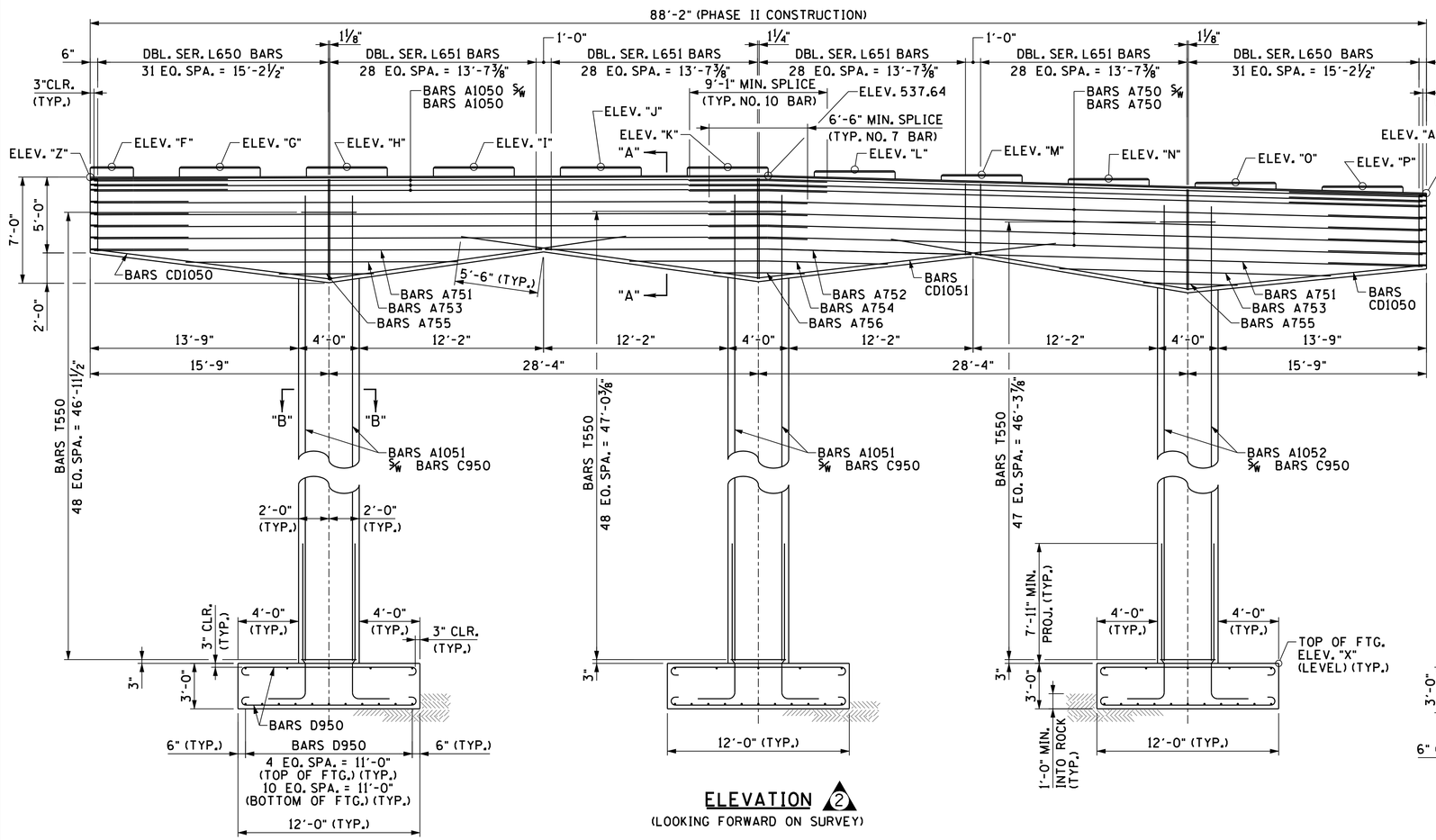
PROJECT NO.	YEAR	SHEET NO.
11003-3134-94	2014	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION
1	02-05-13	DWT	UPDATED ELEVATIONS AND QUANTITIES
2	04-26-13	DWT	REVISED RISER BLOCKS (SPAN 3) AND
			REVISED ELASTOMERIC BEARING PAD
			STD. DWG. FROM STD-14-1 TO STD-14-3,
			REVISED BARS T550, DBL. SER. L650
			AND DBL. SER. L651 QUANTITY, STEEL BAR
			QUANTITY, STEEL BAR REINFORCEMENT
			QUANTITY AND NOTE
3	11-15-13	DWT	REVISED QUANTITY FOR CLASS "A"
			CONCRETE AND STEEL BAR REINFORCEMENT

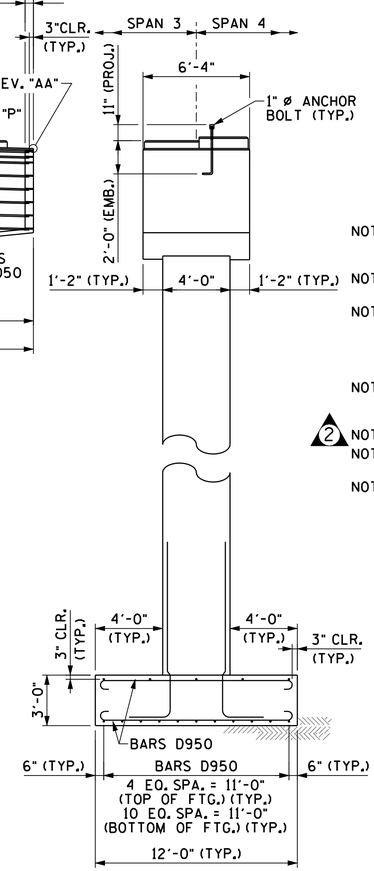


KEY



ELEVATION (2)

(LOOKING FORWARD ON SURVEY)



END ELEVATION

(3) ESTIMATED QUANTITIES (1) (2) PHASE II CONSTRUCTION

ITEM	CLASS "A" CONCRETE (BRIDGES) (C.Y.)	STEEL BAR REINFORCEMENT (BRIDGES) (LBS.)
BENT NO. 1	236	70,985

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-113-53 FOR SECTIONS "A-A" AND "B-B", PLAN OF FOOTING DETAIL 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.

NOTE: SEE SHEET BR-113-51 FOR BEARING PAD DETAIL AT BENT NO. 1 (SPAN 3).

TABLE OF ELEVATIONS (1)

LOCATION	EL. "F"	EL. "G"	EL. "H"	EL. "I"	EL. "J"	EL. "K"	EL. "L"	EL. "M"	EL. "N"	EL. "O"	EL. "P"	EL. "X"	EL. "Z"	EL. "AA"
BENT NO. 1 (SPAN 3)	537.82	537.84	537.87	537.90	537.92	537.95	537.73	537.50	537.27	537.05	536.82	488.00	537.53	536.47
BENT NO. 1 (SPAN 4)	537.92	537.94	537.97	538.00	538.03	538.06	537.83	537.60	537.38	537.16	536.93	488.00	537.53	536.47

R. DARRELL JAMES III REGISTERED ENGINEER NO. 15728 STATE OF TENNESSEE

04/04/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BENT NO. 1
(PHASE II)

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.