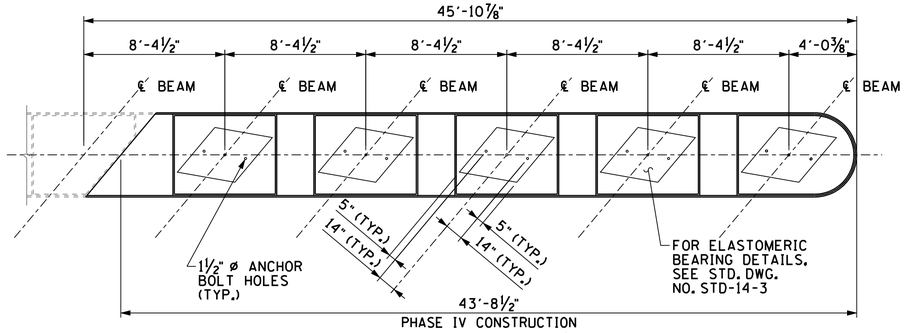
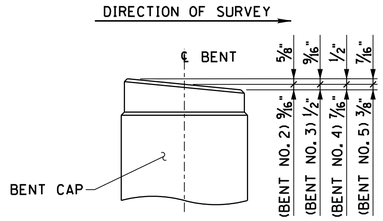


PLAN 2



RISER BLOCK SLOPE DETAIL

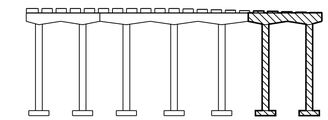
NOTE: RISER BLOCK BEARING SURFACE TO CONFORM TO BOTTOM OF BEAM GRADE.

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 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



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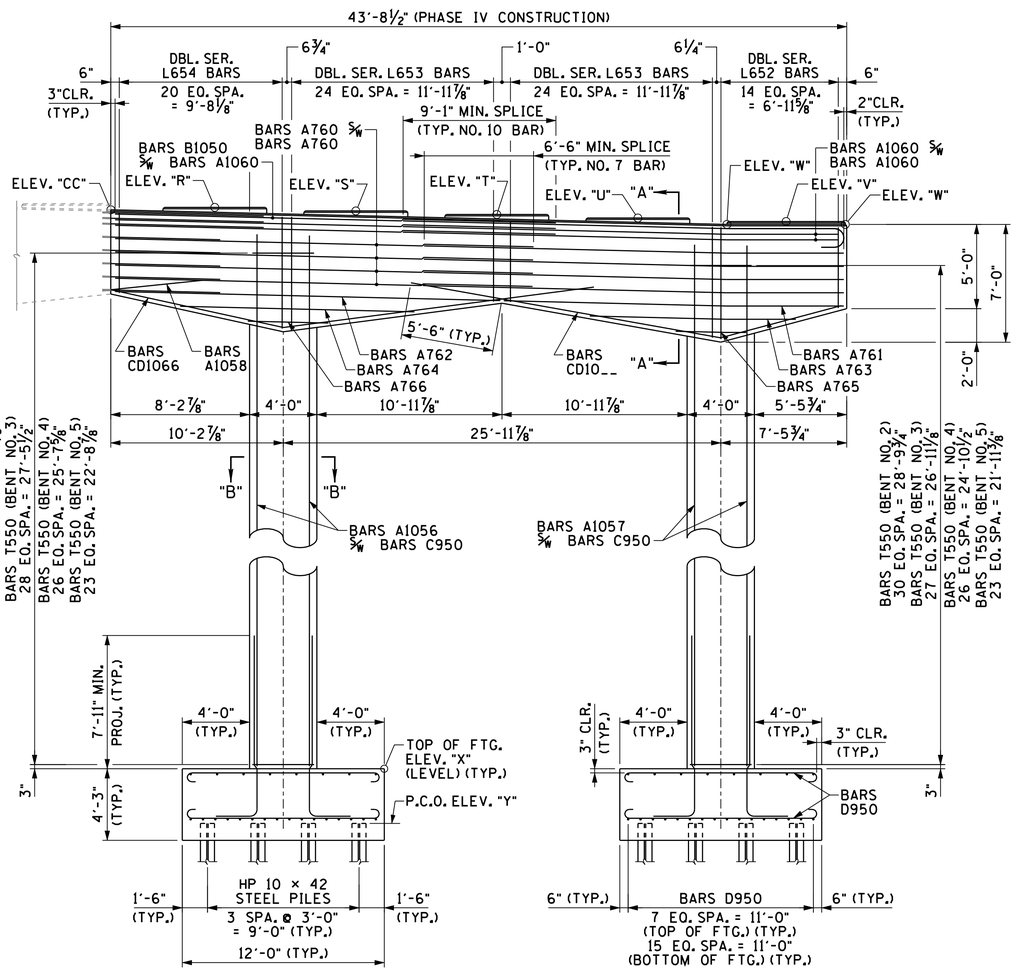
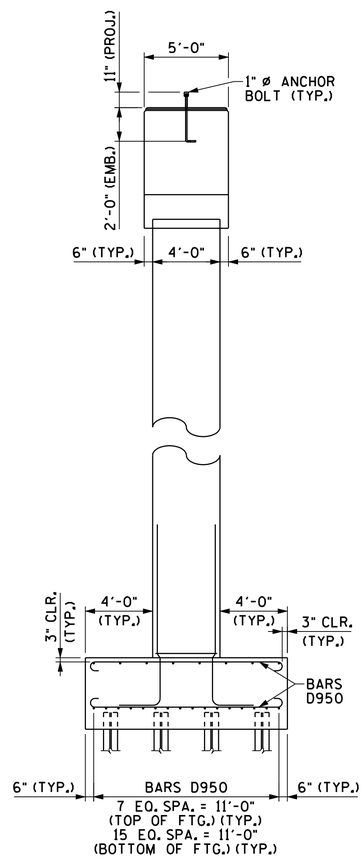


ELEVATION

(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.)
BENT NO. 2	119	34,545
BENT NO. 3	117	33,995
BENT NO. 4	115	33,520
BENT NO. 5	114	32,765

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-113-57 FOR SECTIONS "A-A" AND "B-B", PLAN OF FOOTING DETAIL, COUPLER DETAIL AND PLAN OF MAIN REINFORCEMENT.

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"	EL. "Y"	EL. "CC"
BENT NO. 2	535.51	535.30	535.09	534.88	534.67	534.50	503.00	499.75	535.37
BENT NO. 3	534.44	534.24	534.04	533.84	533.65	533.43	504.00	500.75	534.30
BENT NO. 4	533.67	533.47	533.28	533.09	532.91	532.58	505.00	501.75	533.45
BENT NO. 5	532.74	532.56	532.39	532.21	532.03	531.67	507.0	503.75	532.54

R. DARRELL JAMES REGISTERED ENGINEER NO. 16281 STATE OF TENNESSEE

04/04/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

BENT NOS. 2 THRU 5
(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.