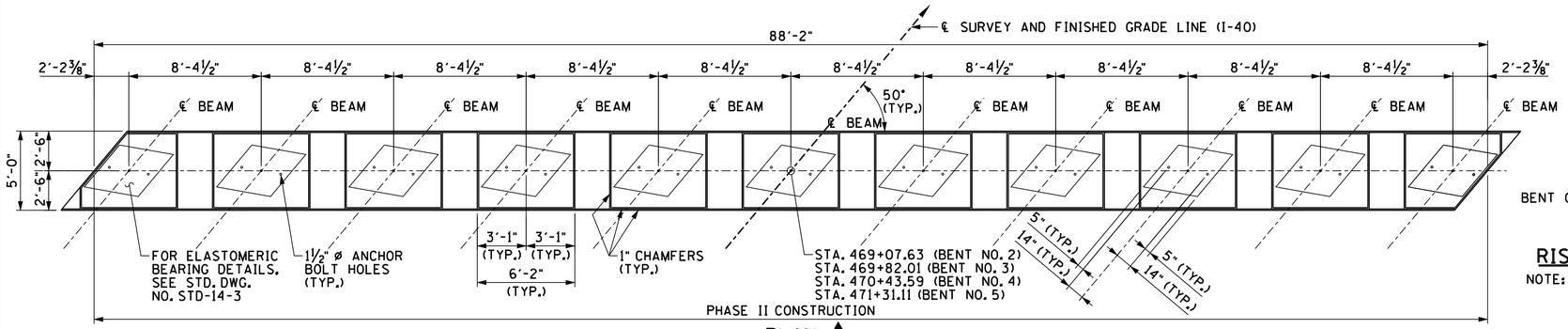
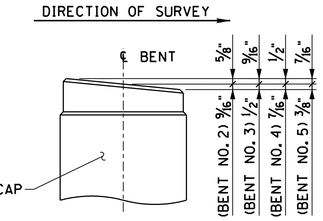


PLAN 2



RISER BLOCK SLOPE DETAIL

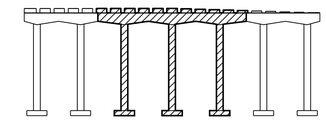
NOTE: RISER BLOCK BEARING SURFACE TO CONFORM TO BOTTOM OF BEAM GRADE.

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 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



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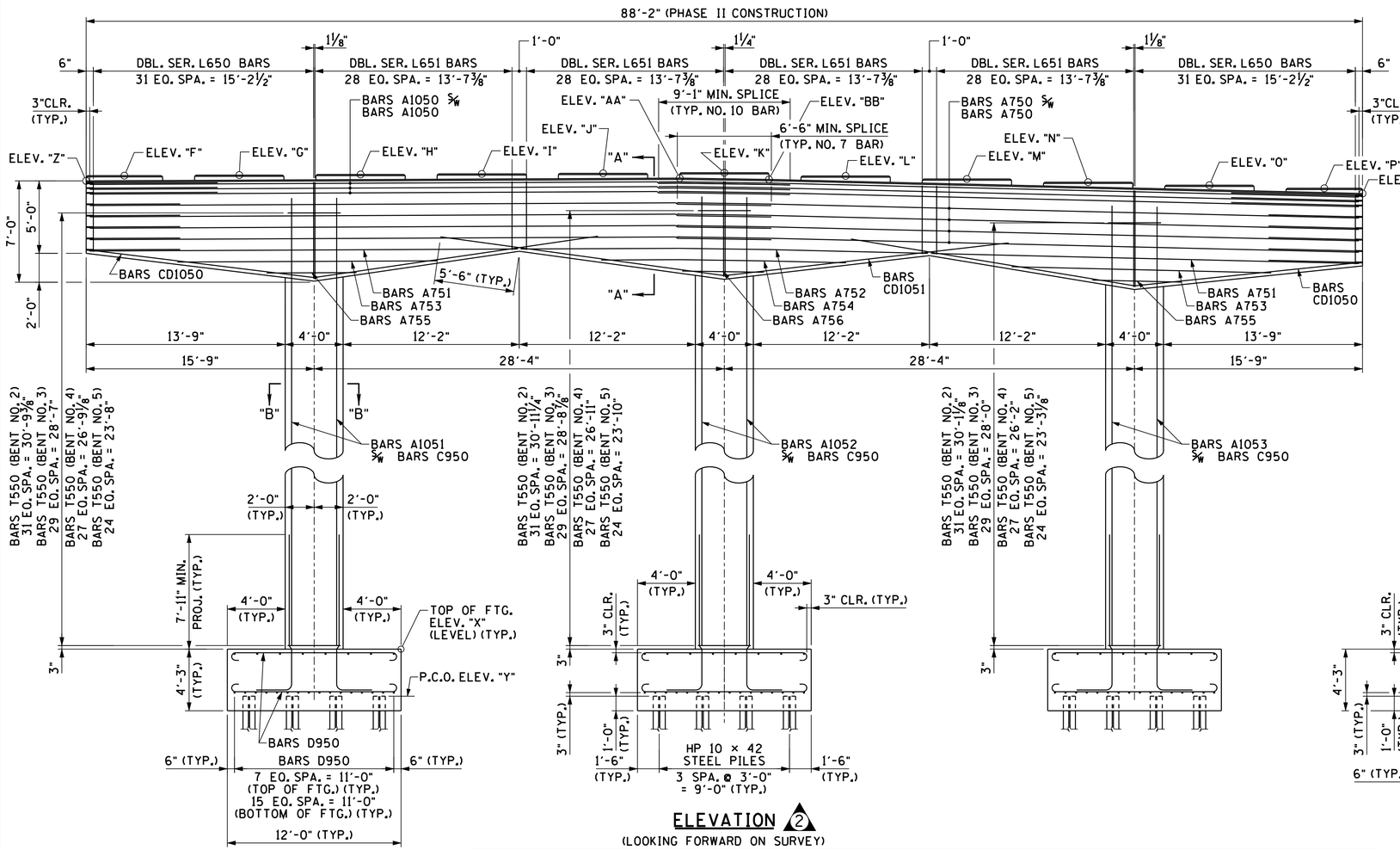
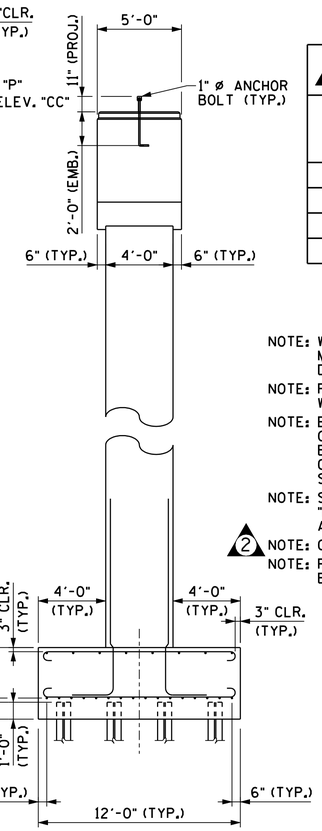


ELEVATION 2

(LOOKING FORWARD ON SURVEY)



END ELEVATION

3 ESTIMATED QUANTITIES PHASE II CONSTRUCTION 1 2

ITEM	CLASS "A" CONCRETE (BRIDGES) (C.Y.)	STEEL BAR REINFORCEMENT (BRIDGES) (LBS.)
BENT NO. 2	208	60,575
BENT NO. 3	204	59,770
BENT NO. 4	201	59,045
BENT NO. 5	197	57,920

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. "F"	EL. "G"	EL. "H"	EL. "I"	EL. "J"	EL. "K"	EL. "L"	EL. "M"	EL. "N"	EL. "O"	EL. "P"	EL. "X"	EL. "Y"	EL. "Z"	EL. "AA"	EL. "BB"	EL. "CC"
BENT NO. 2	536.60	536.64	536.68	536.72	536.76	536.80	536.58	536.37	536.15	535.94	535.73	503.00	499.75	536.24	536.43	536.34	535.37
BENT NO. 3	535.41	535.46	535.51	535.56	535.61	535.66	535.45	535.25	535.05	534.84	534.64	504.00	500.75	535.08	535.27	535.27	534.30
BENT NO. 4	534.54	534.59	534.65	534.71	534.77	534.83	534.63	534.44	534.24	534.05	533.86	505.00	501.75	534.23	534.42	534.42	533.45
BENT NO. 5	533.47	533.54	533.61	533.68	533.76	533.83	533.65	533.46	533.28	533.10	532.92	507.00	503.75	533.16	533.35	533.51	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 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.