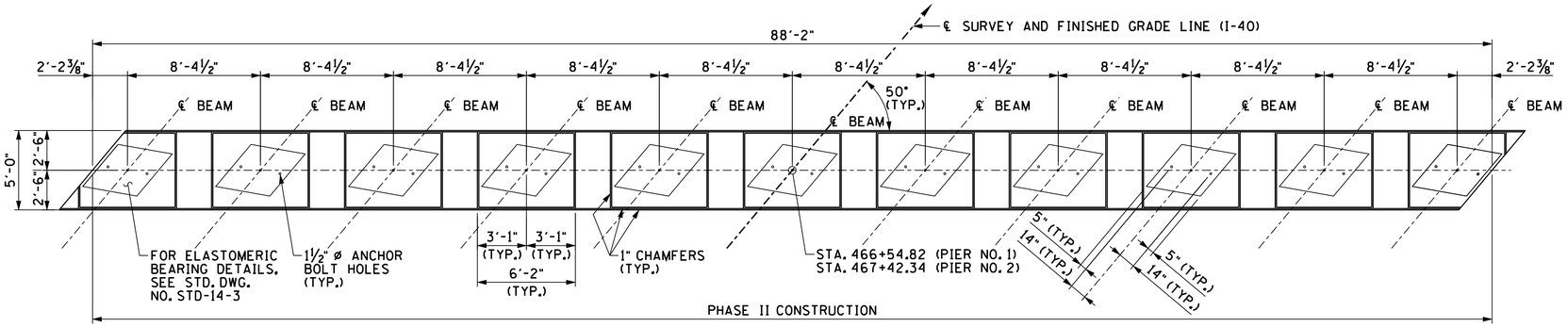
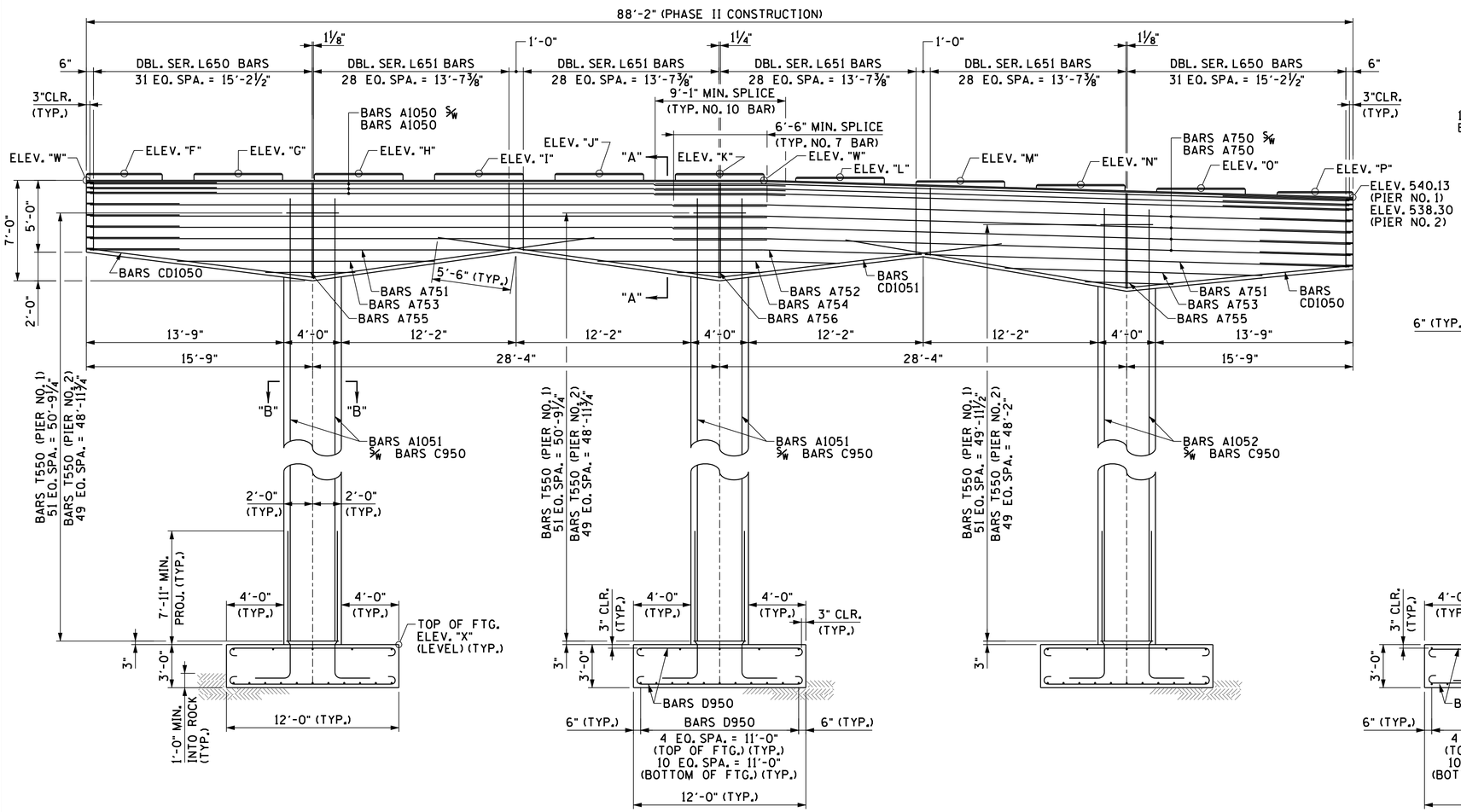
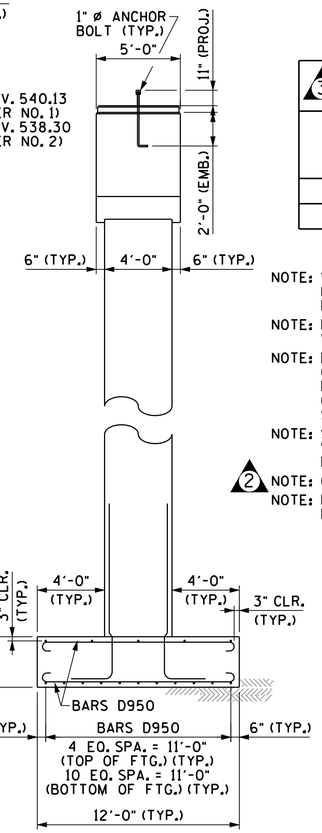


PLAN 2

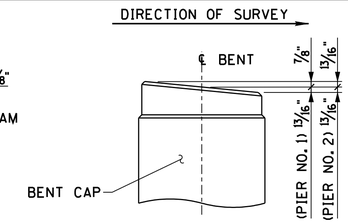


ELEVATION 2

(LOOKING FORWARD ON SURVEY)

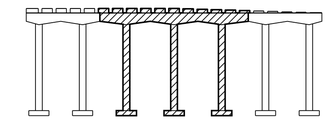


END ELEVATION



RISER BLOCK SLOPE DETAIL

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



KEY

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 ELEVATION 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

3 ESTIMATED QUANTITIES PHASE II CONSTRUCTION 1 2

ITEM	CLASS "A" CONCRETE (BRIDGES) (C.Y.)	STEEL BAR REINFORCEMENT (BRIDGES) (LBS.)
PIER NO. 1	214	59,000
PIER NO. 2	211	65,240

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 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. "F"	EL. "G"	EL. "H"	EL. "I"	EL. "J"	EL. "K"	EL. "L"	EL. "M"	EL. "N"	EL. "O"	EL. "P"	EL. "W"	EL. "X"
PIER NO. 1	541.77	541.77	541.77	541.77	541.77	541.78	541.53	541.27	541.02	540.77	540.52	541.29	488.00
PIER NO. 2	539.78	539.80	539.81	539.83	539.84	539.86	539.62	539.38	539.14	538.90	538.67	539.48	488.00

04/04/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PIER NOS. 1 AND 2
(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.