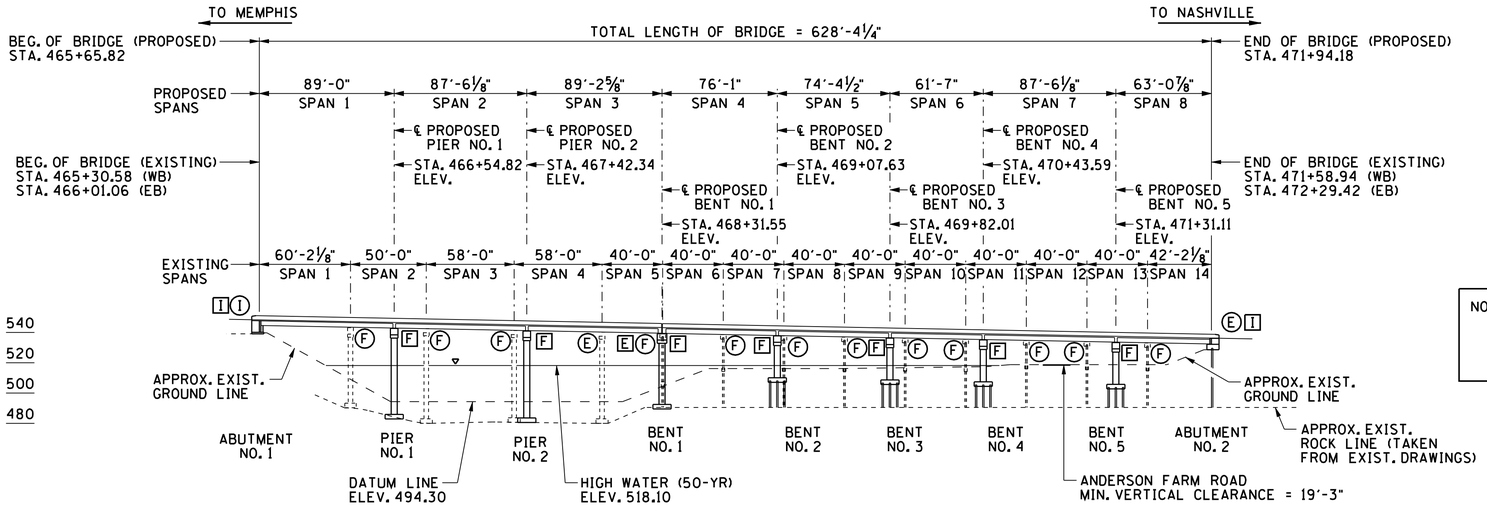
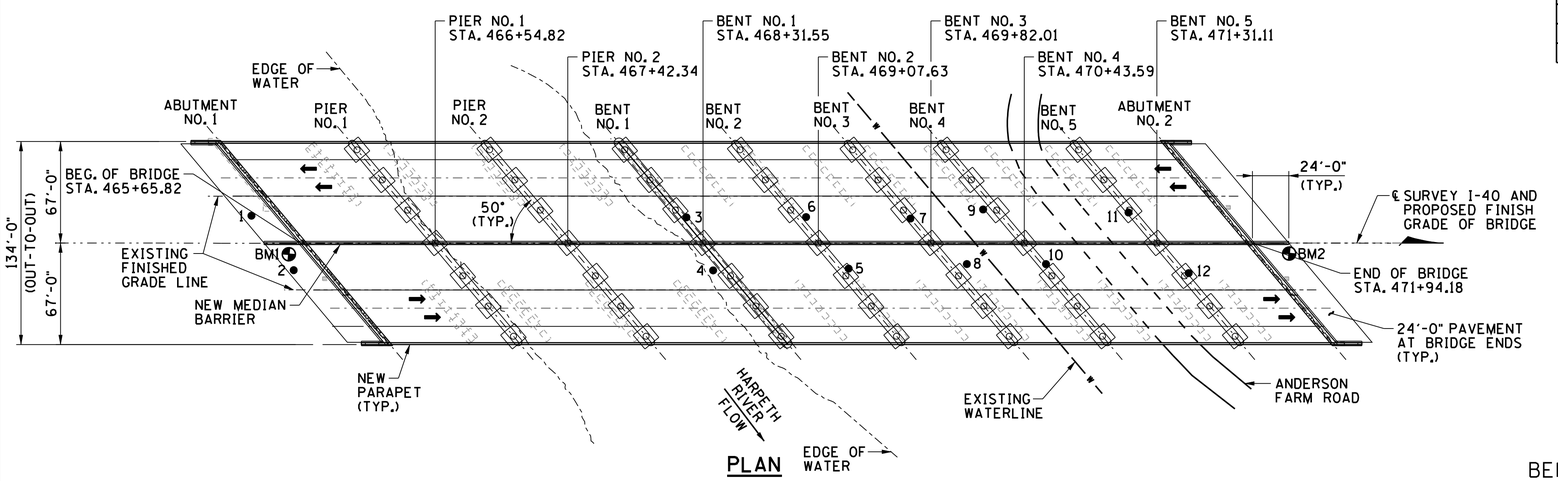
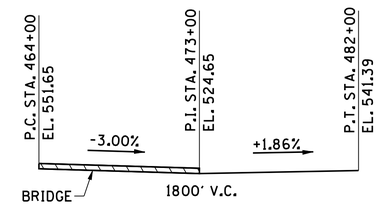


ELEVATION 1



PLAN



GRADE SKETCH ALONG ℄ OF PROPOSED BRIDGE 1

N.T.S.

NOTE: ALL DIMENSIONS AND VERTICAL ELEVATIONS ARE BASED ON EXISTING PLAN INFORMATION AND FIELD MEASUREMENTS. PRIOR TO CONSTRUCTION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS.

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	MODIFIED BENT NO. 5 GRADE SKETCH AND FOUNDATION DATA TABLE

NOTES:

REQUIRED:

1) SUFFICIENT GROUND, ROCKAND CORING INFORMATION FOR BRIDGE FOUNDATION.
2) APPROXIMATE EXISTING GROUND AND ROCK LINE.

POINT NO.	STATION	℄ OFFSET DISTANCE	DEPTH	GROUND ELEVATION	ROCK ELEVATION
1	465+33	18' LT.	25.9'	544.7	538.2
2	465+61	18' RT.	20.8'	544.2	536.0
3	468+20	17' LT.	35.1'	509.0	490.3
4	468+33	18' RT.	30.4'	508.0	489.5
5	469+27	17' RT.	18.0'	509.0	491.0
6	468+99	17' LT.	21.0'	509.0	488.0
7	469+71	16' LT.	20.0'	510.0	490.0
8	470+05	14' RT.	17.0'	510.0	493.0
9	470+19	22' LT	17.0'	511.0	494.0
10	470+59	14' RT.	16.0'	511.0	495.0
11	471+12	20' LT.	35.6'	513.0	493.0
12	471+52	20' LT.	35.6'	513.0	493.4

1

BENCHMARKS:

BM1 = EL. 550.25'
SET IRON ROD AND CAP ON TOP OF DIRT BERM IN MEDIAN ON WEST SIDE OF BRIDGES. 17.5' NORTH OF GUARDRAIL OF EAST BOUND BRIDGE. 44.9' EAST OF EXISTING CATCH BASIN LYING ON WEST SIDE IN MEDIAN. "TENNESSEE STATE PLANE COORDINATES SYSTEM" (NAD83) (NAVD88)
N = 640313.45
E = 1654366.89

BM2 = EL. 539.26'
SET IRON ROD AND CAP ON TOP OF DIRT BERM IN MEDIAN ON EAST SIDE OF BRIDGES. 17.2' NORTH OF GUARDRAIL OF EAST BOUND BRIDGE. 27.6' WEST OF NEW CABLE GUARDRAIL END LYING ON EAST SIDE IN MEDIAN. "TENNESSEE STATE PLANE COORDINATES SYSTEM" (NAD83) (NAVD88)
N = 640266.06
E = 1655025.43

• DENOTES: IN WATER REFERENCE ELEVATION ONLY

● NO. DENOTES: REQUESTED BORING LOCATION

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

N

NOTE: THIS DRAWING IS FOR FOUNDATION DATA ONLY AND IS NOT TO BE USED AS A LAYOUT.

0 50 100 150
SCALE (FT)

FOUNDATION DATA

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.

BR-113-24