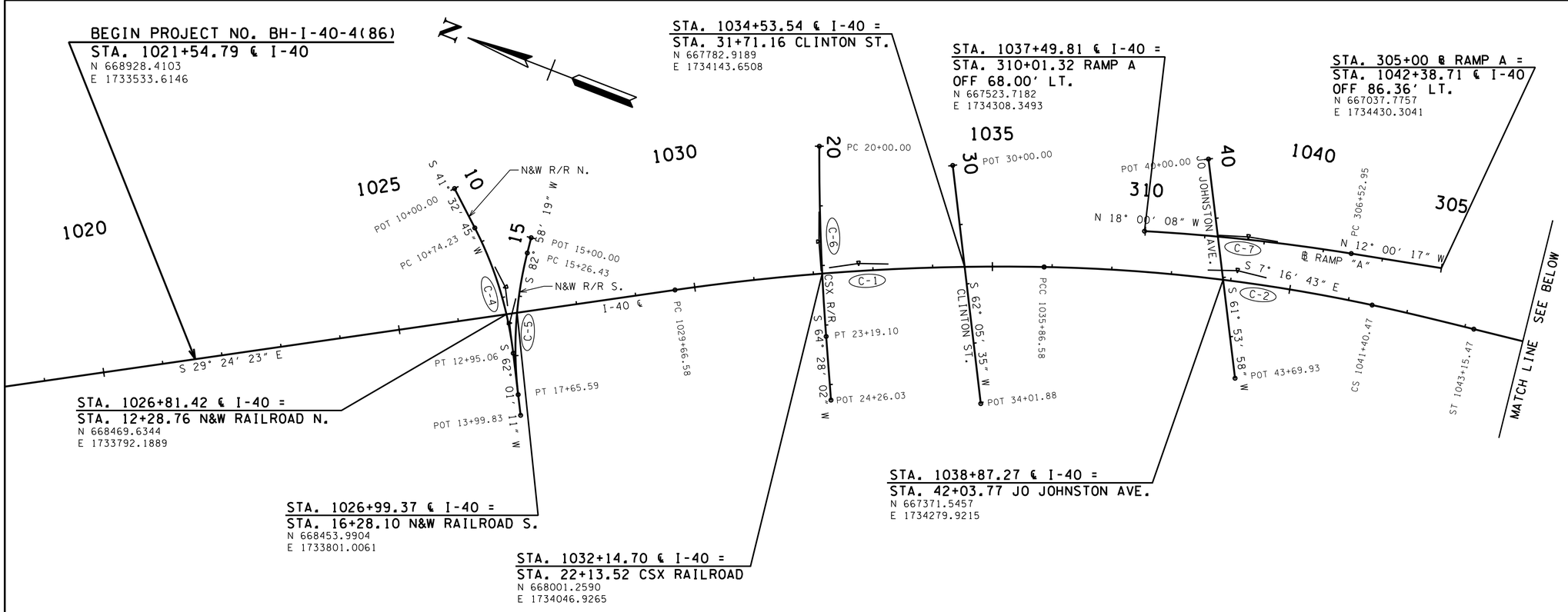
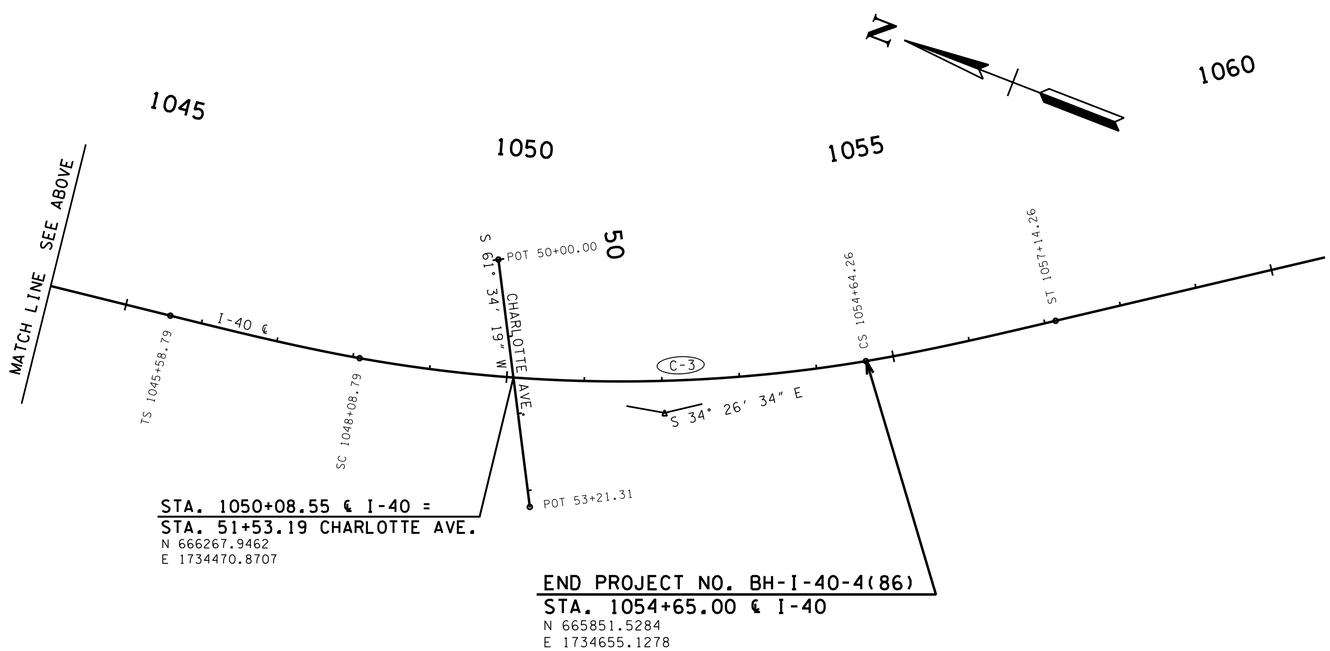
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	BH-I-40-4(86)	3B





I-40

CURVE C-1
PI 1032+77.26
N 667,950.5602
E 1,734,084.7484
Δ 9° 18' 00" (RT)
D 1° 30' 00"
R 3,819.72
L 620.00
T 310.68
SE SEE TABLE
DESIGN SPEED 50 MPH

CURVE C-2
PI 1038+64.39
N 667,397.9353
E 1,734,287.0503
Δ 11° 04' 40" (RT)
D 2° 00' 00"
R 2,864.79
L 553.89
T 277.81
SE SEE TABLE
DESIGN SPEED 50 MPH

CURVE SC-3
PI 1051+45.51
N 666,126.8643
E 1,734,459.7449
Δs 27° 09' 51" (LT)
θs 3° 45' 00"
Δc 19° 39' 51" (LT)
Dc 3° 00' 00"
Rc 1,909.86
Lc 655.48
Ts 586.73
Ls 250.00
SE SEE TABLE
DESIGN SPEED 50 MPH

N&W R/R N.

CURVE C-4
PI 11+85.84
N 668,487.8134
E 1,733,833.9796
Δ 20° 28' 26" (RT)
D 9° 16' 16"
R 618.00
L 220.83
T 111.61

N&W R/R S.

CURVE C-5
PI 16+47.36
N 668,459.4111
E 1,733,780.5186
Δ 20° 57' 08" (LT)
D 8° 45' 39"
R 654.00
L 239.16
T 120.93

C.S.X.

CURVE C-6
PI 21+59.63
N 668,025.8231
E 1,734,095.1187
Δ 4° 34' 15" (LT)
D 1° 25' 57"
R 4,000.00
L 319.10
T 159.63

RAMP A

CURVE C-7
PI 308+27.29
N 667,357.9122
E 1,734,362.2299
Δ 5° 59' 51" (LT)
D 1° 43' 18"
R 3,328.00
L 348.36
T 174.34
SE 0.000 FT/FT
DESIGN SPEED 00 MPH
TRANS. LENGTH 000

SEE SHEET 3C FOR SUPERELEVATION TRANSITION TABLE

SEALED BY

RYAN SWEENEY
REGISTERED ENGINEER
AGRICULTURE
No. 111998
STATE OF TENNESSEE
02/13/2015

COORDINATES ARE NAD/83(1995), ARE DATUM ADJUSTED BY THE FACTOR OF 1.00006 AND TIED TO THE TGRN. ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

GEOMETRIC LAYOUT

SCALE: 1"=100'

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