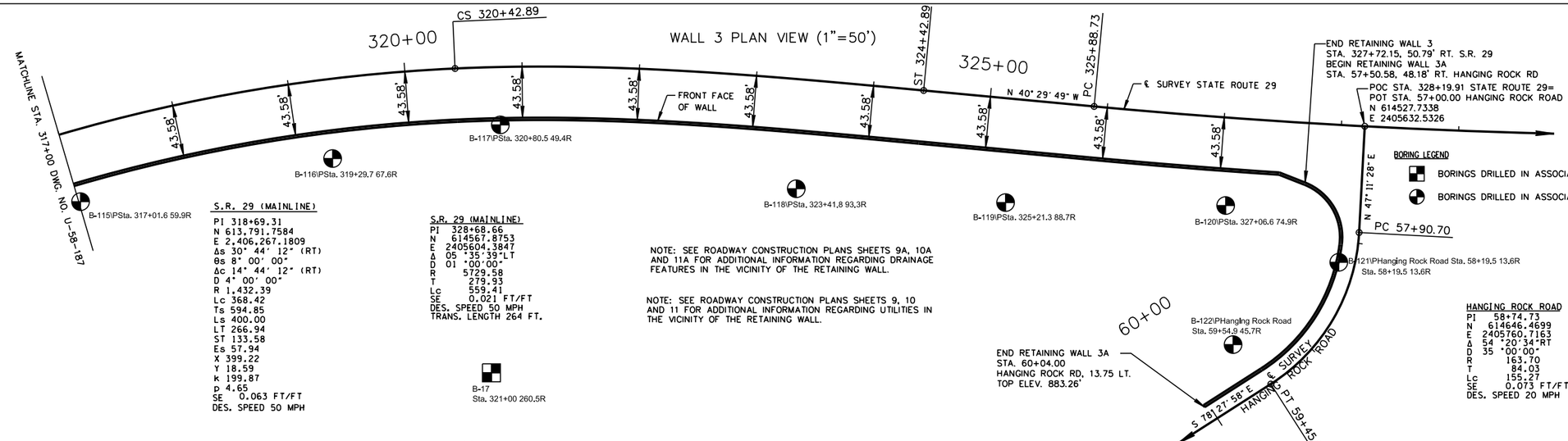
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO. ---

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	NH-29(86)	

CONST. NO. 65001-3268-14



NOTE: SEE ROADWAY CONSTRUCTION PLANS SHEETS 9A, 10A AND 11A FOR ADDITIONAL INFORMATION REGARDING DRAINAGE FEATURES IN THE VICINITY OF THE RETAINING WALL.

NOTE: SEE ROADWAY CONSTRUCTION PLANS SHEETS 9, 10 AND 11 FOR ADDITIONAL INFORMATION REGARDING UTILITIES IN THE VICINITY OF THE RETAINING WALL.

S.R. 29 (MAINLINE)

PI 318+69.31
N 613,791.7584
E 2,406,267.1809
Δs 30° 44' 12" (RT)
θs 8° 00' 00"
Δc 14° 44' 12" (RT)
D 4° 00' 00"
R 1,432.39
Lc 368.42
Ts 594.85
Ls 400.00
LT 266.94
ST 133.58
Es 57.94
X 399.22
Y 18.59
k 199.87
p 4.65
SE 0.063 FT/FT
DES. SPEED 50 MPH

S.R. 29 (MAINLINE)

PI 328+68.66
N 614567.8753
E 2405604.3847
Δ 05°35'39"LT
D 01°00'00"
R 5729.58
T 279.93
Lc 559.41
SE 0.021 FT/FT
DES. SPEED 50 MPH
TRANS. LENGTH 264 FT.

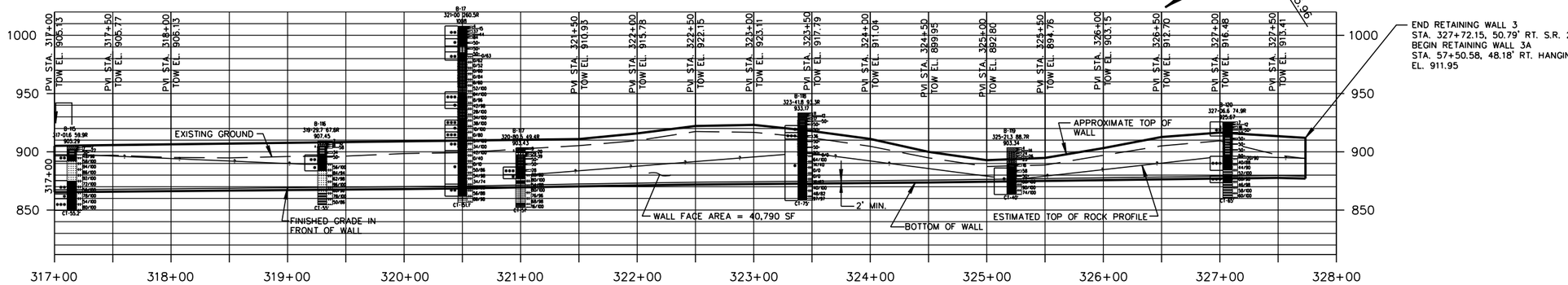
BORING LEGEND

BORINGS DRILLED IN ASSOCIATION WITH S&ME REPORT DATED JAN 4, 2013

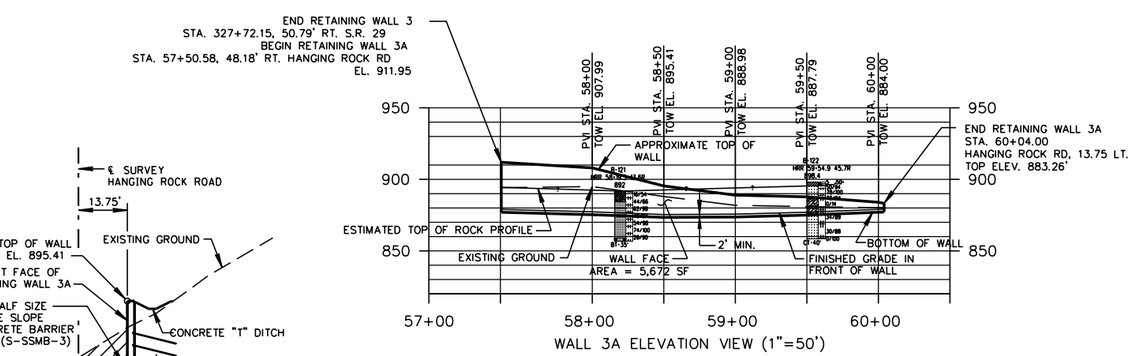
BORINGS DRILLED IN ASSOCIATION WITH CURRENT PROJECT

HANGING ROCK ROAD

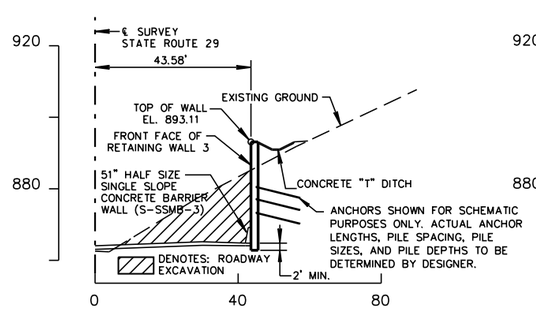
PI 58+74.73
N 614646.4699
E 2405760.7163
Δ 54°20'34"RT
D 35°00'00"
R 163.70
T 84.03
Lc 155.27
SE 0.073 FT/FT
DES. SPEED 20 MPH



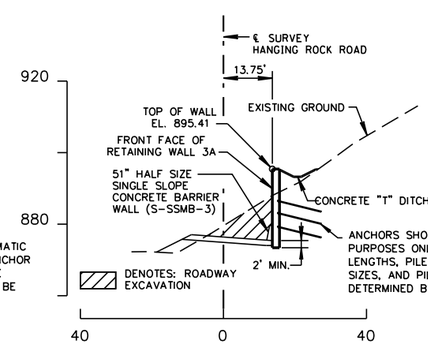
WALL 3 ELEVATION VIEW (1"=50')



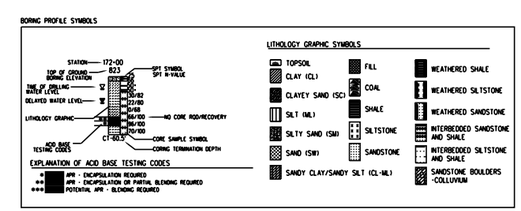
WALL 3A ELEVATION VIEW (1"=50')



TYPICAL SECTION STATION 307+00 SR 29
(1" = 20')



TYPICAL SECTION STATION 58+50
HANGING ROCK ROAD
(1" = 20')



NOTE: PROPOSED RETAINING WALL IS LOCATED IN AN AREA THAT IS SUSCEPTIBLE TO VEHICULAR IMPACT. SEE TENNESSEE DEPARTMENT OF TRANSPORTATION EARTH RETAINING STRUCTURES MANUAL FOR THE MINIMUM STRUCTURAL REQUIREMENTS THAT SHALL BE MET BY THE WALL SYSTEM TO PROVIDE PROTECTION FROM IMPACT. WALL SYSTEMS NOT MEETING THE REQUIREMENTS SHALL HAVE A 51 INCH TALL BARRIER RAIL PLACED DIRECTLY IN FRONT OF THE WALL WITH ALL COST OF THE BARRIER WALL AND END TREATMENTS (S-GR-24) INCLUDED IN THE SQUARE FOOT COST OF THE PROPOSED RETAINING WALL.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BUREAU OF PLANNING & DEVELOPMENT

RETAINING WALLS 3 AND 3A
CONCEPTUAL DRAWING
FROM STA. 317+00.00
(STATE ROUTE 29)
TO STA. 60+04.00
(HANGING ROCK ROAD)
MORGAN COUNTY, TENNESSEE
2014

U-58-188