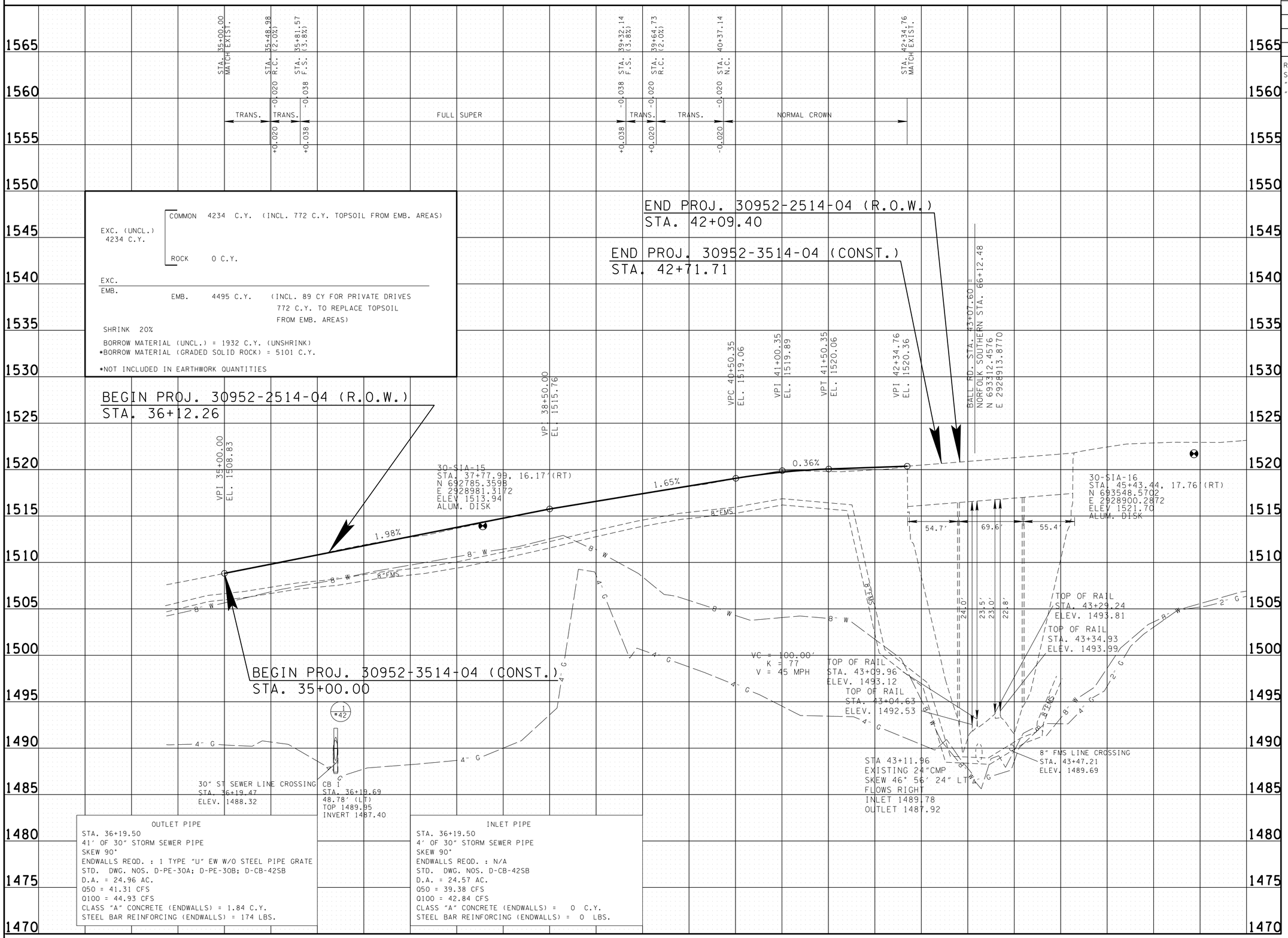
TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2013	30952-2514-04	4C
CONST.	2013	30952-3514-04	4C

REV. 10/10/13: CHANGED ALL "NORFOLK SOUTHERN RAILROAD" TEXT TO EITHER "NORFOLK SOUTHERN RAILWAY COMPANY" OR "NORFOLK SOUTHERN".



EXC. (UNCL.)
4234 C.Y.

COMMON 4234 C.Y. (INCL. 772 C.Y. TOPSOIL FROM EMB. AREAS)

ROCK 0 C.Y.

EXC.
EMB.

EMB. 4495 C.Y. (INCL. 89 CY FOR PRIVATE DRIVES
772 C.Y. TO REPLACE TOPSOIL
FROM EMB. AREAS)

SHRINK 20%

BORROW MATERIAL (UNCL.) = 1932 C.Y. (UNSHRINK)
*BORROW MATERIAL (GRADED SOLID ROCK) = 5101 C.Y.

*NOT INCLUDED IN EARTHWORK QUANTITIES

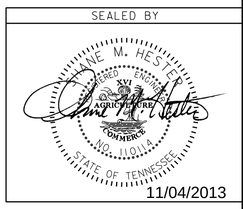
OUTLET PIPE

STA. 36+19.50
41' OF 30" STORM SEWER PIPE
SKEW 90°
ENDWALLS REQD. : 1 TYPE "U" EW W/O STEEL PIPE GRATE
STD. DWG. NOS. D-PE-30A; D-PE-30B; D-CB-42SB
D.A. = 24.96 AC.
Q50 = 41.31 CFS
Q100 = 44.93 CFS
CLASS "A" CONCRETE (ENDWALLS) = 1.84 C.Y.
STEEL BAR REINFORCING (ENDWALLS) = 174 LBS.

INLET PIPE

STA. 36+19.50
4' OF 30" STORM SEWER PIPE
SKEW 90°
ENDWALLS REQD. : N/A
STD. DWG. NOS. D-CB-42SB
D.A. = 24.57 AC.
Q50 = 39.38 CFS
Q100 = 42.84 CFS
CLASS "A" CONCRETE (ENDWALLS) = 0 C.Y.
STEEL BAR REINFORCING (ENDWALLS) = 0 LBS.

SEALED BY



11/04/2013

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROFILE

STA.35+00 TO STA.42+88
SCALE: 1"= 50' HORIZ.
1"= 5' VERT.

10-OCT-2013 10:55
C:\projects\GREENE_CO_SIA\004C.SHT