

SOLID ROCK EXCAVATION
STA. 163+00 TO 166+00, RT
STONE FILL, TYPE I
STA. 164+27 TO 165+60, LT

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 161+50 TO 167+50, SOLID LT & RT

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE \odot BREAKS FOR SIDE ROADS)
STA. 161+50 TO 167+50, SOLID LT & RT

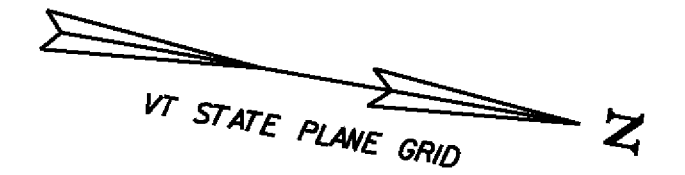
TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 161+50 TO 167+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE \odot BREAKS FOR SIDE ROADS)
STA. 161+50 TO 167+50, SOLID LT & RT

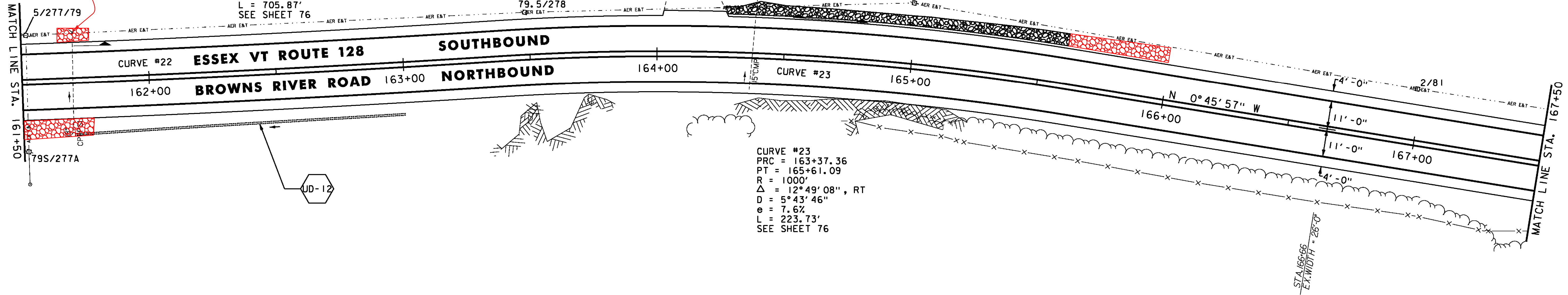
GEOTEXTILE UNDER STONE FILL
STA. 164+27 TO 165+60, LT

GRUBBING MATERIAL
STA. 164+27 TO 165+60, LT

UD-12
STA 161+70 TO 163+00, RT
CONSTRUCT 6 INCH UNDERDRAIN PIPE, SEE SHEET 12 FOR DETAIL AND ASSOCIATED QUANTITIES.



CURVE #22
PRC = 156+31.49
PRC = 163+37.36
R = 6925'
 Δ = 5°50'25", LT
D = 0°49'39"
e = 2.0%
L = 705.87'
SEE SHEET 76



STONE FILL, TYPE I
STA. 167+79 TO 168+10, RT
STA. 170+50 TO 172+50, LT

DURABLE 4 INCH WHITE LINE
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 167+50 TO 173+50, SOLID LT & RT

TEMPORARY 4 INCH WHITE LINE, PAINT
(ALL LINES WILL INCLUDE EDGE LINE BREAKS AND RADII FOR SIDE ROADS)
STA. 167+50 TO 173+50, SOLID LT & RT

GEOTEXTILE UNDER STONE FILL
STA. 167+79 TO 168+10, RT
STA. 170+50 TO 172+50, LT

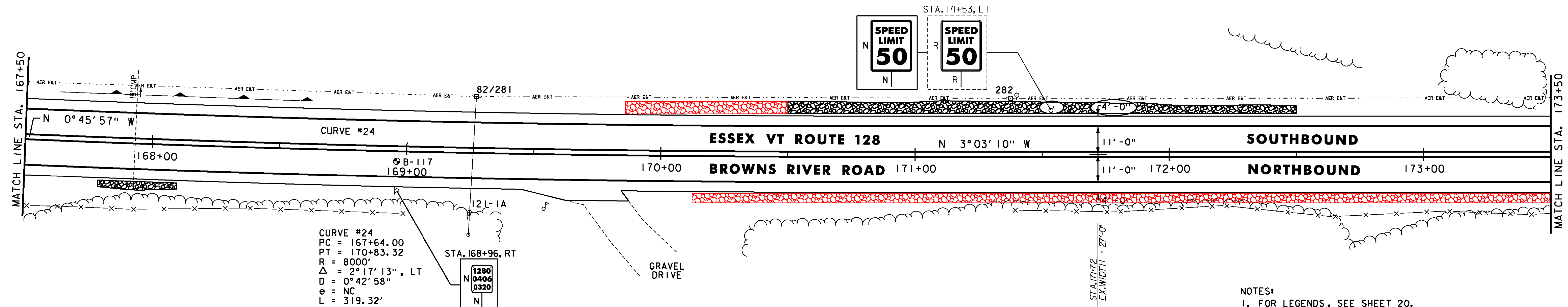
REMOVING SIGNS
AS SHOWN - 1

RELOCATE MAILBOX, SINGLE SUPPORT
STA. 169+54, RT

DURABLE 4 INCH YELLOW LINE
(ALL LINES WILL INCLUDE \odot BREAKS FOR SIDE ROADS)
STA. 167+50 TO 173+50, SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
(ALL LINES WILL INCLUDE \odot BREAKS FOR SIDE ROADS)
STA. 167+50 TO 173+50, SOLID LT & RT

GRUBBING MATERIAL
STA. 167+79 TO 168+10, RT
STA. 170+50 TO 172+50, LT



CURVE #24
PC = 167+64.00
PT = 170+83.32
R = 8000'
 Δ = 2°17'13", LT
D = 0°42'58"
e = NC
L = 319.32'

- NOTES:
1. FOR LEGENDS, SEE SHEET 20.
2. ALL EXISTING SIGNS NOT SHOWN SHALL BE RETAINED.
3. SEE SHEETS 8 & 9 FOR DURABLE PAVEMENT MARKINGS OPTIONS.

NOT TO SCALE

PROJECT LAYOUT SHEET #19

PROJECT NAME: ESSEX-WESTFORD
PROJECT NUMBER: STP 2912(I)

FILE NAME: p10c226.dgn
PROJECT LEADER: JLL
DESIGNED BY: STANTEC
IPARM FILE: p10c226119.i

PLOT DATE: 2/20/2013
DRAWN BY: STANTEC
CHECKED BY: STANTEC
SHEET 38 OF 239

SOIL BORING DATA			
BORING#	DEPTH (FT.)	PCC	COMMENTS
B-117	5.0'	NO	

