PROJECT REFERENCE NO.	SHEET NO.
R-4416	EC-16/CONST.16
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

-L- LINE

PI Sta 173+71.80	PIs Sta 179+36.49
△ = 42° 24' 29.6" (LT)	Θs = 7° 03' 06.4"
D = 4° 24' 26.5"	Ls = 320.00'
L = 962.21'	LT = 213.50'
T = 504.34'	ST = 106.82'
R = 1,300.00'	
Ds = 60mph	
SE = .08	

DETAIL C
SPECIAL CUT DITCH
(Not to Scale)

Natural Ground, 2:1, D, d, 4:1 or Flatter, Front Ditch Slope

Min. D = 1.5 Ft.
Max d = 1.5 Ft.

Type of Liner = PSRM

FROM -L- STA. 179+30 TO STA. 182+50 RT.
-L- STA. 175+00 TO STA. 176+00 RT.

DETAIL
FALSE SUMP
(Not to Scale)

Outside Ditch Traffic Flow, 20:1, 10:1, 2', 0.5' Min. 1.0' Max., GI etc., S

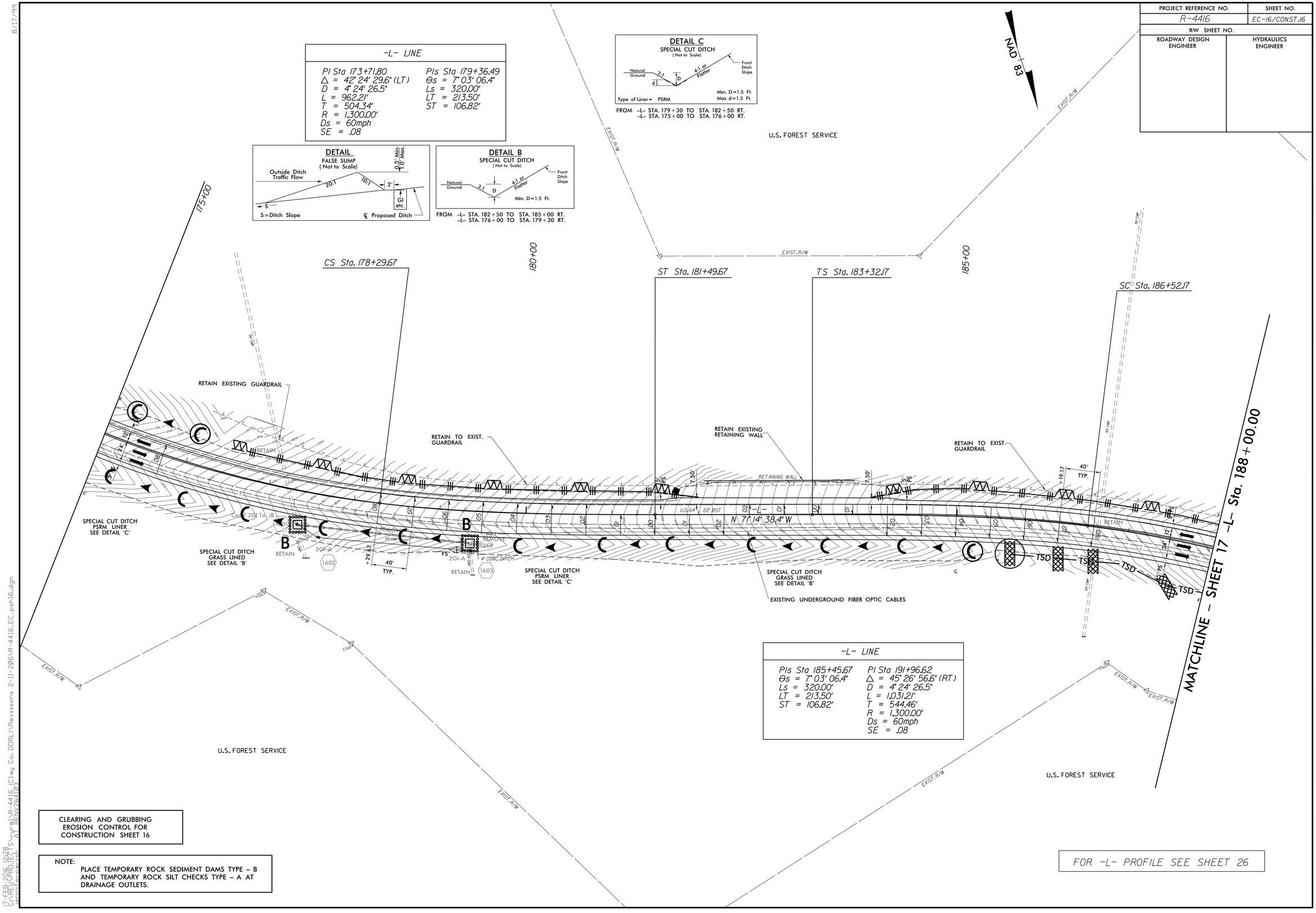
S = Ditch Slope ℄ Proposed Ditch

DETAIL B
SPECIAL CUT DITCH
(Not to Scale)

Natural Ground, 2:1, D, 4:1 or Flatter, Front Ditch Slope

Min. D = 1.5 Ft.

FROM -L- STA. 182+50 TO STA. 185+00 RT.
-L- STA. 176+00 TO STA. 179+30 RT.



-L- LINE

PIs Sta 185+45.67	PI Sta 191+96.62
Θs = 7° 03' 06.4"	△ = 45° 26' 56.6" (RT)
Ls = 320.00'	D = 4° 24' 26.5"
LT = 213.50'	L = 1,031.21'
ST = 106.82'	T = 544.46'
	R = 1,300.00'
	Ds = 60mph
	SE = .08

U.S. FOREST SERVICE

U.S. FOREST SERVICE

CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 16

NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

FOR -L- PROFILE SEE SHEET 26

8/17/99
17-FEB-2016 12:28
C:\NEW\PROJECTS\gur\R-4416 (Clay Co. DOR)\Revisions 2-11-206\R-4416_EC_pshi6.dgn
contlecrosses
$$ RENV264102