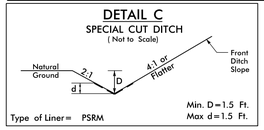
PROJECT REFERENCE NO.	SHEET NO.
R-4416	EC-8/CONST.8
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

-L- LINE

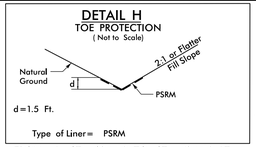
PI Sta 59+44.52	PIs Sta 65+25.79	PI Sta 70+44.18	PIs Sta 75+55.15	PI Sta 81+32.59
Δ = 76° 05' 26.1" (LT)	Θs = 1° 05' 03.4"	Δ = 16° 04' 55.0" (LT)	Θs = 1° 05' 03.7"	Δ = 47° 22' 36.4" (LT)
D = 5° 52' 35.4"	Θs = 3° 31' 33.9"	D = 1° 48' 26.8"	Θs = 2° 51' 53.6"	D = 4° 46' 28.7"
L = 1,294.83'	Ls = 120.00'	L = 889.76'	Ls = 120.00'	L = 992.26'
T = 763.00'	LT = 70.62'	T = 447.83'	LT = 69.04'	T = 526.47'
R = 975.00'	ST = 49.44'	R = 3,170.00'	ST = 51.01'	R = 1,200.00'
Ds = 50mph		Ds = 60mph		Ds = 60mph
SE = .08		SE = .05		SE = .08

DETAIL C
SPECIAL CUT DITCH
(Not to Scale)



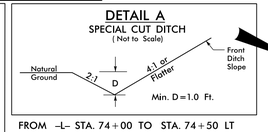
FROM -L- STA. 66+70 TO STA. 75+50 RT
-L- STA. 64+00 TO STA. 64+50 RT

DETAIL H
TOE PROTECTION
(Not to Scale)



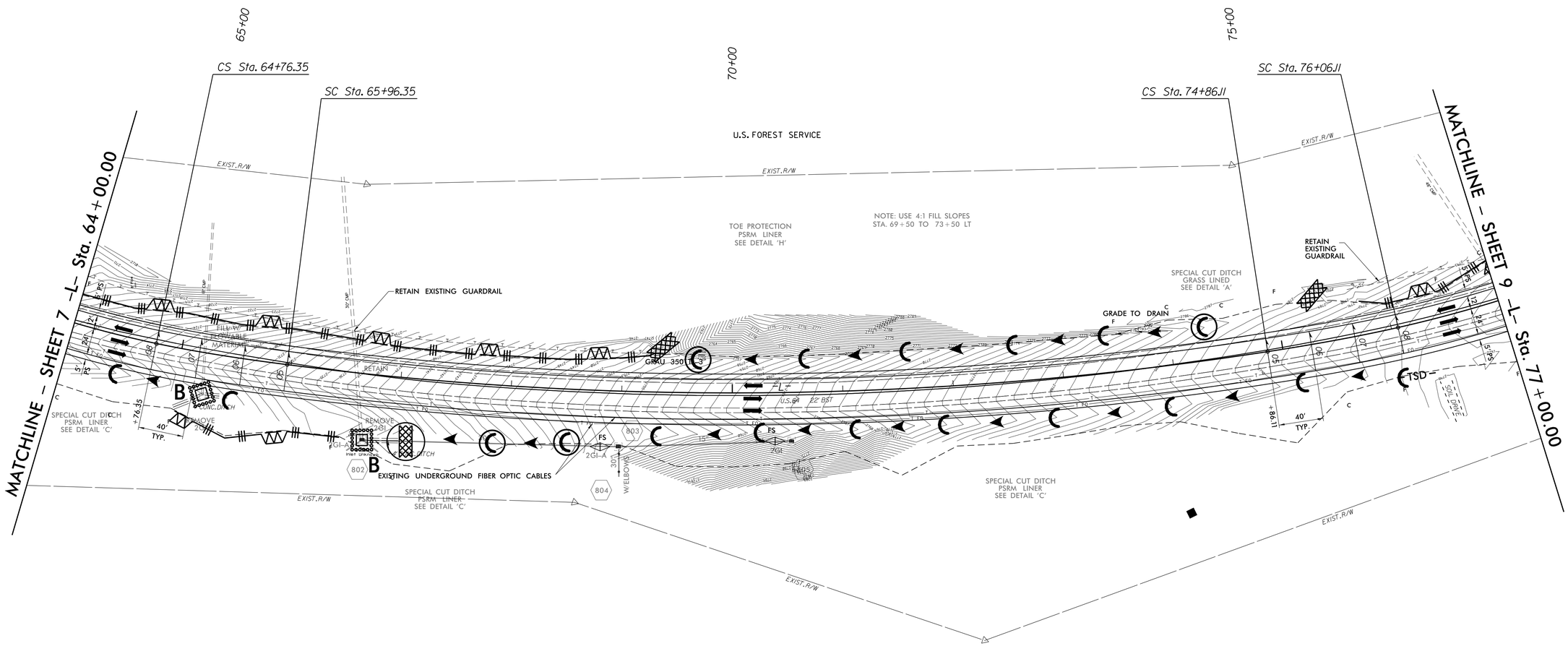
FROM -L- STA. 69+50 TO STA. 73+50 LT

DETAIL A
SPECIAL CUT DITCH
(Not to Scale)



FROM -L- STA. 74+00 TO STA. 74+50 LT

NAD 83



CLEARING AND GRUBBING
EROSION CONTROL FOR
CONSTRUCTION SHEET 8

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

FOR -L- PROFILE SEE SHEET 22

8/17/99
17-FEB-2016 16:06
C:\REL\PROJECTS\r-4416 (Clay Co. DDRL)\Revisions 2-11-206\R-4416_EC_psh08.dgn
pmulgrew@ncdot.gov
REV:2/24/03