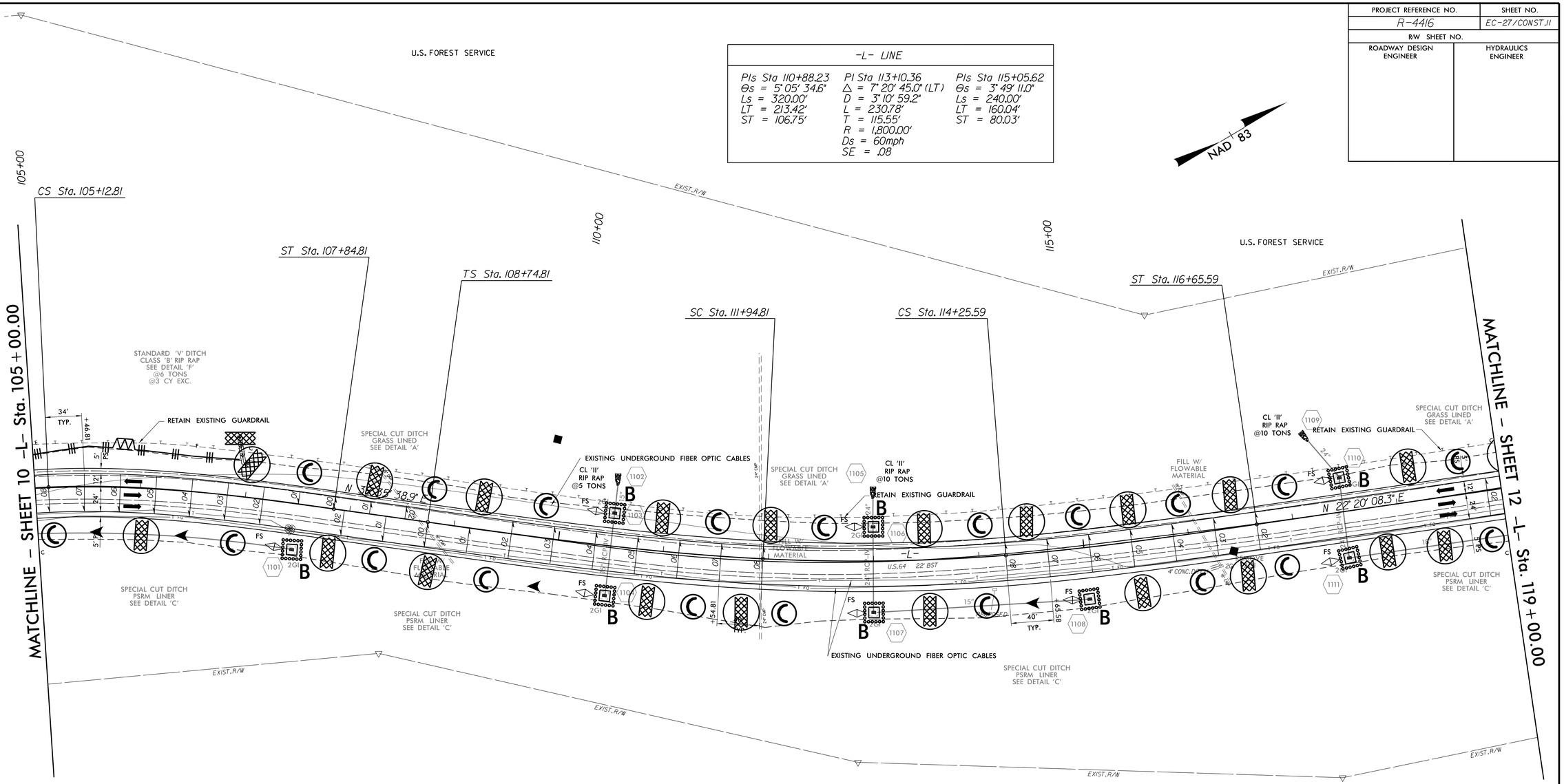
8/17/99

PROJECT REFERENCE NO.	SHEET NO.
R-4416	EC-27/CONST.JI
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

-L- LINE		
PIs Sta 110+88.23	PI Sta 113+10.36	PIs Sta 115+05.62
Θs = 5° 05' 34.6"	Δ = 7° 20' 45.0" (LT)	Θs = 3° 49' 11.0"
Ls = 320.00'	D = 3° 10' 59.2"	Ls = 240.00'
LT = 213.42'	L = 230.78'	LT = 160.04'
ST = 106.75'	T = 115.55'	ST = 80.03'
	R = 1,800.00'	
	Ds = 60mph	
	SE = .08	

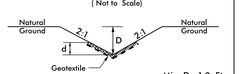
NAD 83



-L- LINE	
PI Sta 101+21.29	PIs Sta 106+03.78
Δ = 103° 47' 40.9" (RT)	Θs = 10° 40' 27.4"
D = 7° 50' 55.5"	Ls = 272.00'
L = 1,322.44'	LT = 181.66'
T = 930.91'	ST = 90.97'
R = 730.00'	
Ds = 45mph	
SE = .08	

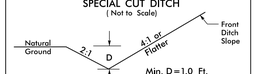
U.S. FOREST SERVICE

DETAIL F
STANDARD 'V' DITCH
(Not to Scale)



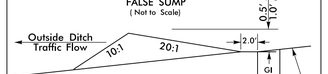
Type of Liner= CLASS 'B' Rip-Rap

DETAIL A
SPECIAL CUT DITCH
(Not to Scale)

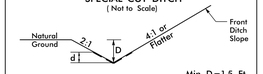


FROM –L– STA. 107+00 TO STA. 119+00 LT

DETAIL
FALSE SUMP
(Not to Scale)



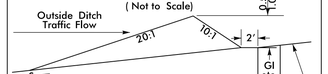
DETAIL C
SPECIAL CUT DITCH
(Not to Scale)



Type of Liner= PSRM

FROM –L– STA. 105+00 TO STA. 119+00 RT

DETAIL
FALSE SUMP
(Not to Scale)



FOR -L- PROFILE SEE SHEET 23 & 24

17-FEB-2016 11:52
C:\KELLYPROJECTS\proj\R-4416 (Clay Co. DDRL)\Revisions 2-11-206\R-4416_EC_pshl1.dgn
mcollins
All ENV26103