8/17/99

PROJECT REFERENCE NO.	SHEET NO.
R-5742	EC-4/CON.-2B-1
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

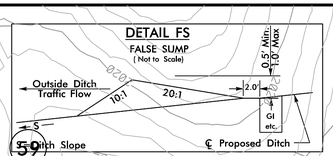
NOTE: ALL DRIVES ARE 16' WIDE WITH 10' RADIUS UNLESS OTHERWISE NOTED.

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 2B-1

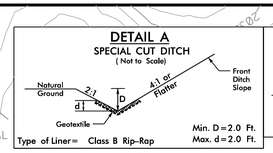
NOTE:
PLACE TEMPORARY ROCK SEDIMENT DAMS TYPE – B AND TEMPORARY ROCK SILT CHECKS TYPE – A AT DRAINAGE OUTLETS.

NAD 83/95

DETAIL FS
FALSE SUMP
(Not to Scale)



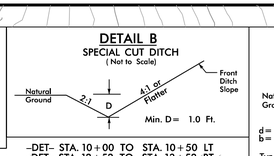
DETAIL A
SPECIAL CUT DITCH
(Not to Scale)



Type of Liner= Class B Rip-Rap
Min. D=2.0 Ft.
Max. d=2.0 Ft.

–DET– STA. 13+02 TO STA. 14+02 LT

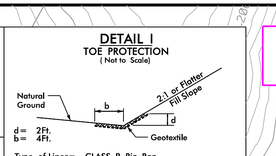
DETAIL B
SPECIAL CUT DITCH
(Not to Scale)



Min. D= 1.0 Ft.

–DET– STA. 10+00 TO STA. 10+50 LT
–DET– STA. 12+52 TO STA. 13+52 RT

DETAIL I
TOE PROTECTION
(Not to Scale)



d= 2Ft.
b= 4Ft.
Type of Liner= CLASS B Rip-Rap

–DET– STA. 17+24 TO STA. 18+00 LT
–DET– STA. 19+39 TO STA. 21+55 RT

58 FOWLER BRUCE & RUTH PARCEL #6499 DB 166 PG 18

59 CONNIE LYNN PHILLIPS PARCEL #2104 DB 370 PG 197

60 SMOKY MTN REAL EST DEV CORP PARCEL #9964 DB 350 PG 224

61 GISSENDANNER FRANCES & ELTON PARCEL # 6774 DB 320 PG 97

62 SMOKY MTN REAL EST DEV CORP PARCEL #9588 DB 350 PG 224

63 KEVIN RAY ROBERT PARCEL #7761 DB 355 PG 175

64 PARCEL #5574 DB 138 PG 63

65 BEAL RONNELL & REBECCA PARCEL #5574 DB 138 PG 63

67A GEORGE WILLIAM BULLER II PARCEL #4497 DB 354 PG 191

–DET– PRC Sta. 11+01.54
SPECIAL CUT DITCH SEE DETAIL B
–L– 0+00

–DET– PT Sta. 12+74.61
16 TONS CL B RIPRAP W/45 SY GEO FAB
INV=2023.3
SPECIAL CUT DITCH SEE DETAIL A

INV=2023.1
SPECIAL CUT DITCH SEE DETAIL B
SPECIAL CUT DITCH SEE DETAIL B
15+00

40 TONS CL B RIPRAP W/105 SY GEO FAB TOE PROTECTION SEE DETAIL I
+77.00 102.00' LT
2 TONS CL B RIPRAP W/7 SY GEO FAB INV=2019.5
+04.00 104.00' LT
+32.00 EXIST. R/W
70.00 EXIST. R/W
20+00
+87.00 EXIST. R/W
TOE PROTECTION SEE DETAIL I
113 TONS CL B RIPRAP W/299 SY GEO FAB
+60.00 EXIST. R/W
+00.00 85.00' RT
+90.00 85.00' RT

–DET– PT Sta. 21+83.61
W202 SY GEO FAB

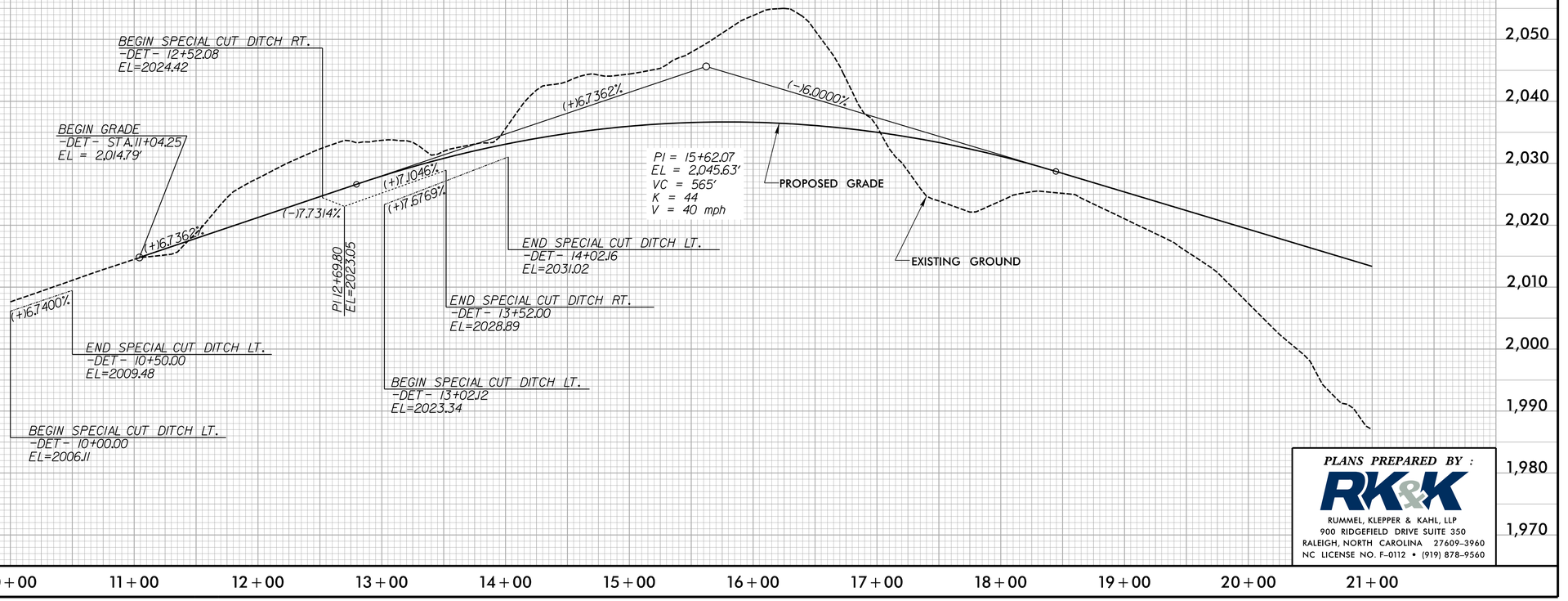
BEGIN CONSTRUCTION
–DET– PC Sta. 10+00.00=
–L– POC STA.132+00.00

MATCHLINE –DET– STA. 21+00
SEE SHEET 2B-2

–DET–

PI Sta. 10+50.95	PI Sta. 11+88.22	PI Sta. 21+34.35
△ = 11° 38' 08.9" (LT)	△ = 8° 15' 47.4" (RT)	△ = 16° 34' 11.7" (LT)
D = 11° 27' 33.0"	D = 4° 46' 28.7"	D = 4° 46' 28.7"
L = 101.54'	L = 173.06'	L = 347.04'
T = 50.95'	T = 86.68'	T = 174.74'
R = 500.00'	R = 1,200.00'	R = 1,200.00'
	SE = .02	SE = 0.06
	V = 40 mph	V = 40 mph

FOR R/W AND EASEMENT STATIONS/OFFSETS SEE SHEETS 12 AND 13.



PLANS PREPARED BY :
RK&K
RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NORTH CAROLINA 27609-3960
NC LICENSE NO. F-0112 • (919) 878-9560

12/21/2018
K:\Projects\Bridges\CADD\PSH\Erosion Control\R-5742_EC_det_psh2B-2.dgn