

8/17/2021



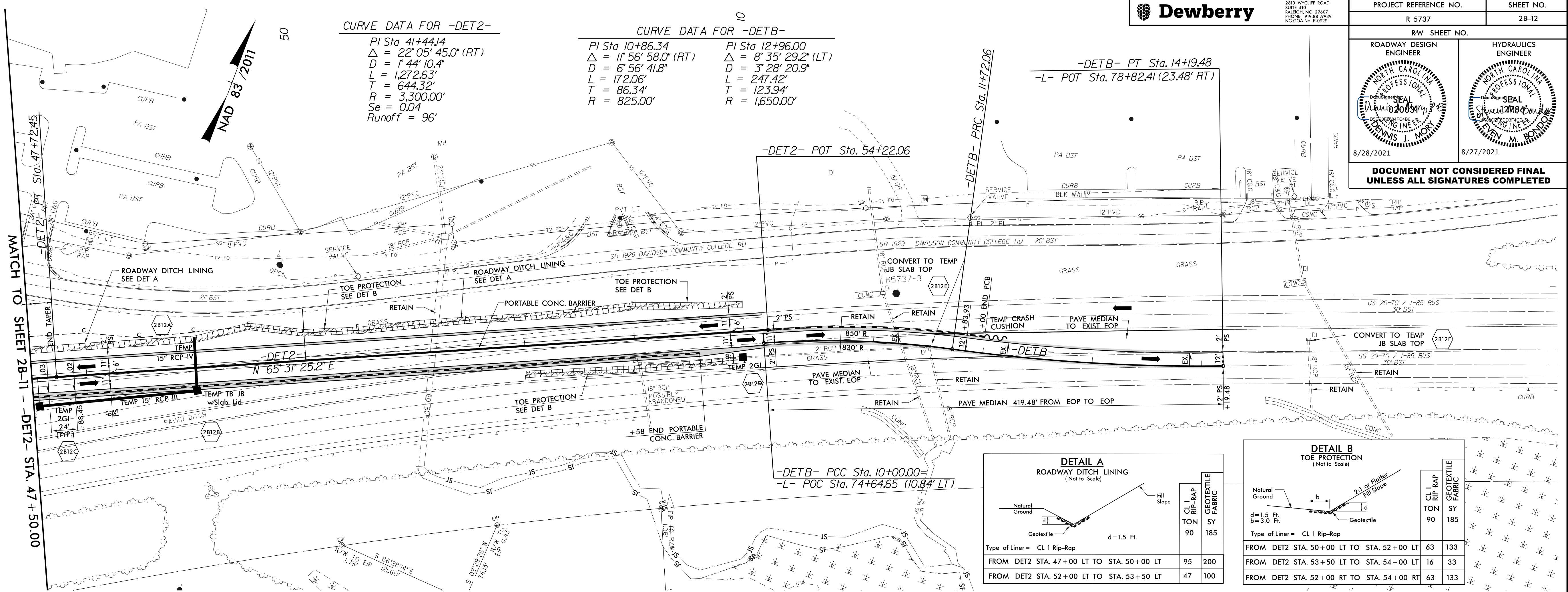
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27603
PHONE: 919.881.9339
NC COA No. F-09251

PROJECT REFERENCE NO. R-5737	SHEET NO. 2B-12
RW SHEET NO.	
ROADWAY DESIGN ENGINEER Dewberry	HYDRAULICS ENGINEER Dewberry
8/28/2021	8/27/2021
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

CURVE DATA FOR -DET2-
 PI Sta 41+44.14
 $\Delta = 22' 05' 45.0''$ (RT)
 $D = 1' 44' 10.4''$
 $L = 1,272.63'$
 $T = 644.32'$
 $R = 3,300.00'$
 $Se = 0.04$
 Runoff = 96'

CURVE DATA FOR -DET2-
 PI Sta 10+86.34
 $\Delta = 1' 56' 58.0''$ (RT)
 $D = 6' 56' 41.8''$
 $L = 172.06'$
 $T = 86.34'$
 $R = 825.00'$

CURVE DATA FOR -DET2-
 PI Sta 12+96.00
 $\Delta = 8' 35' 29.2''$ (LT)
 $D = 3' 28' 20.9''$
 $L = 247.42'$
 $T = 123.94'$
 $R = 1,650.00'$

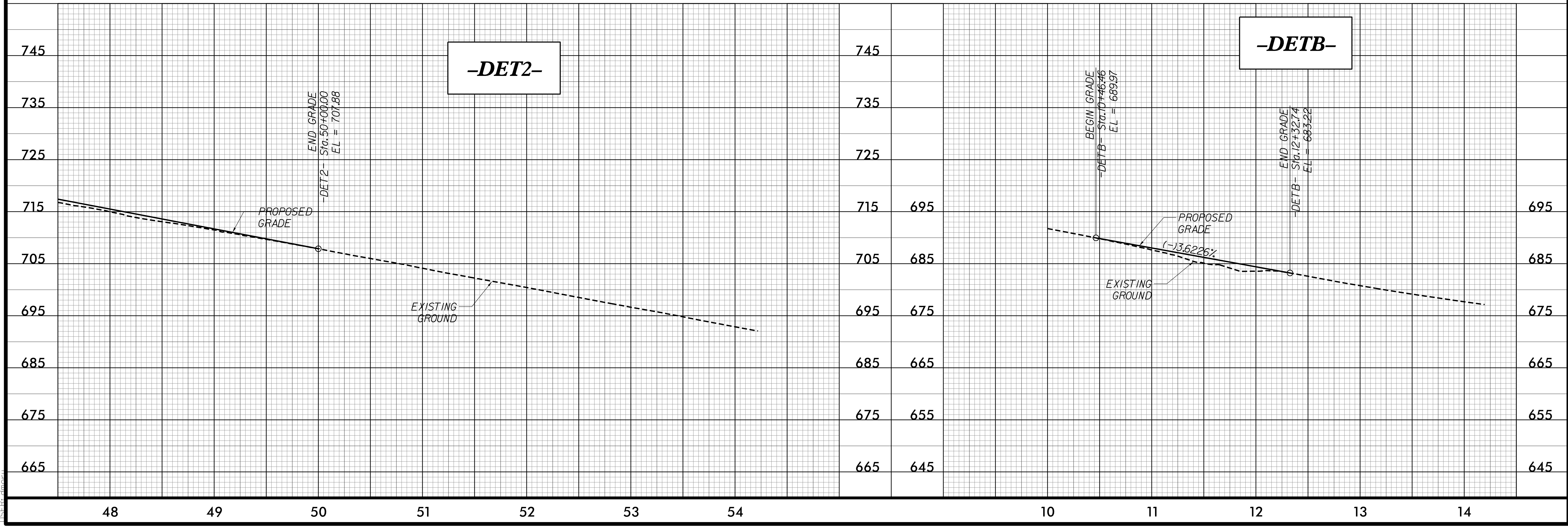


DETAIL A
ROADWAY DITCH LINING
(Not to Scale)

Type of Liner = CL 1 Rip-Rap		
FROM DET2 STA. 47+00 LT TO STA. 50+00 LT	95	200
FROM DET2 STA. 52+00 LT TO STA. 53+50 LT	47	100

DETAIL B
TOE PROTECTION
(Not to Scale)

Type of Liner = CL 1 Rip-Rap		
FROM DET2 STA. 50+00 LT TO STA. 52+00 LT	63	133
FROM DET2 STA. 53+50 LT TO STA. 54+00 LT	16	33
FROM DET2 STA. 52+00 RT TO STA. 54+00 RT	63	133



7/28/2021 4:52:46 PM
 T:\2021\08\18\12-DET2.dgn
 USER: jmoran