11/14/23

-L-		-DRWY1-
CUR DATA -L- PIc 14+83.93 Δc = 09°37'50.4" (RT) D = 02°23'14.4" Lc = 403.41 Tc = 202.18 R = 2,400 SE = 0.030 RO = 66	CUR DATA -L- PIc 21+03.02 Δc = 18°06'14.5" (LT) D = 07°09'43.1" Lc = 252.78 Tc = 127.45 R = 800 SE = 0.040 RO = 88 DS = 45 MPH	CUR DATA -DRWY1- PIc 10+77.80 Δc = 76°07'49.8" (LT) D = 190°59'09.4" Lc = 39.86 Tc = 23.49 R = 30 SE = 0.010
		① N87°27'15.6"W ② S16°24'54.6"W

BRIDGE DATA

BEGIN APPROACH SLAB: -L- STA. 16+96.81
BEGIN BRIDGE: -L- STA. 17+20.81

END BRIDGE: -L- STA. 18+23.19
END APPROACH SLAB: -L- STA. 18+47.19

NAD 83
NA 2011

-L- POB 10+00.00

-L- PC 12+61.75

BEGIN TIP PROJECT BR-0198
-L- STA. 12 + 50.00

-DRWY1- PC 10+54.31

-DRWY1- POB 10+00.00

-L- PT 16+85.16

-L- PC 19+75.57

-L- PT 22+78.35

-L- POE 24+41.82

S89°43'04.2"E

S81°14'40.1"E

S71°38'49.7"E

-DRWY1- PT 10+94.17

BEGIN CONSTRUCTION
-L- STA. 12 + 00.00

END CONSTRUCTION
-L- STA. 23 + 45.00

END TIP PROJECT BR-0198
-L- STA. 22 + 50.00

-DRWY1- POE 11+19=
-L- POC 16+02.60

TRANSITION FROM EX DITCH TO DETAIL C BTWN STA 12+25 AND 12+50 -L- LT

TRANSITION FROM EX DITCH TO DETAIL A BTWN STA 12+25 AND 12+50 -L- RT

TIE TO EXISTING DITCH

SPECIAL V DITCH SEE DETAIL C

SPECIAL V DITCH SEE DETAIL D

SPECIAL V DITCH SEE DETAIL F

SPECIAL V DITCH SEE DETAIL I

SPECIAL 2' BASE DITCH W/ HINGE SEE DETAIL A

SPECIAL 2' BASE DITCH SEE DETAIL B

SPECIAL 3' BASE DITCH SEE DETAIL E
EST 40 TONS CL B , EST 85 SY Geotextile

CL B RIP RAP EST. 2 TONS EST. 7 SY Geotextile

CL II RIP RAP EST. 190 TONS EST. 275 SY Geotextile

CL B RIP RAP EST. 3 TONS EST. 10 SY Geotextile

TOE PROTECTION W/ CL B RIP R SEE DETAIL h EST 25 TONS, EST 55 SY Geotextile

TOE PROTECTION W/ CL B RIP RAP SEE DETAIL H EST 65 TONS, EST 140 SY Geotextile

CL-B RIP RAP EST. 2 TONS EST. 7 SY Geotextile

DITCH BLOCK SEE DETAIL G

PARALLEL PIPE END SECTION SEE STD. DWG. 310.02

DO NOT DISTURB

REMOVE

DETAIL A
SPECIAL 2' BASE DITCH w/HINGE
(Not to Scale)
FROM STA. 12+50 TO STA. 15+25 -L- RT

DETAIL B
SPECIAL 2' BASE DITC
(Not to Scale)
FROM STA. 15 + 25 TO STA. 16 +-L- RT

DETAIL C
SPECIAL 'V' DITCH
(Not to Scale)
FROM STA. 12+50 TO STA. 16+00 -L- LT
FROM STA. 20+50 TO STA. 23+12 -L- RT

DETAIL D
SPECIAL 'V' DITCH
(Not to Scale)
FROM STA. 16+00 TO STA. 16+60 -L- LT

DETAIL E
SPECIAL BASE DITCH
(Not to Scale)
Typeπ= CL-B Rip-Rap, Keyed-In
TOM STA. 18+40 TO STA. 18+90 -L- LT

DETAIL F
SPECIAL 'V' DITCH
(Not to Scale)
FROM STA. 22+50 TO STA. 23+15 -L- LT

DRIL G
DIT BLOCK
(N Scale)
STA. 19+85 -I (ELEV. MIN. 220.03')
STA. 20+65-I (ELEV. MIN. 224.23')
STA. 21+55 -I (ELEV. MIN. 229.05')

DETAIL H
TOE PROTECTION
(Not to Scale)
Type of Liner= B Rip-Rap
FROM STA. 16+50 TO STA. 17+12 -L- RT
FROM STA. 18+32 TO STA. 20+00 -L- RT

DETAIL I
SPECIAL 'V' DITCH
(Not to Scale)
FROM STA. 20+00 TO STA. 20+50-L- RT

SEE SHEET 05 FOR PROFILE OF -L-
SESHEET 05 FOR PROFILE OF -DRWY1-

1. REMOVED TCE FROM PARCEL 3. (12/15/2025 KDA)

REVISIONS

BR-0198
04

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WAKE COUNTY

ROADWAY DESIGN UNIT

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DOT/kdaldridge 12/15/2025