PROJECT REFERENCE NO.	SHEET NO.
R-5861	EC-14/CONST.14
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

-L-
PI Sta 135+82.23
Δ = 16° 58' 31.5" (LT)
D = 2° 00' 37.4"
L = 844.39'
T = 425.31'
R = 2,850.00'
SE = 0.05
DS = 60 MPH

PI Sta 151+02.43
Δ = 24° 25' 52.3" (RT)
D = 2° 00' 12.1"
L = 1,219.52'
T = 619.17'
R = 2,860.00'
SE = 0.05
R0 = 170'
DS = 60 MPH

-Y10A-
PI Sta 10+44.85
Δ = 2° 20' 08.2" (LT)
D = 2° 36' 15.7"
L = 89.68'
T = 44.85'
R = 2,200.00'

PI Sta 13+38.78
Δ = 52° 18' 34.8" (LT)
D = 45° 50' 11.8"
L = 114.12'
T = 61.39'
R = 125.00'
SE = 0.03
R0 = 45'
DS = 20 MPH

-DR16-
PI Sta 10+67.65
Δ = 76° 43' 07.2" (RT)
D = 190° 59' 09.4"
L = 40.17'
T = 23.74'
R = 30.00'
SE = 0.02
DS = 15 MPH

-DR17-
PI Sta 11+43.77
Δ = 37° 40' 05.5" (LT)
D = 32° 44' 25.6"
L = 115.05'
T = 59.69'
R = 175.00'
SE = 0.02
DS = 15 MPH

PI Sta 11+14.34
Δ = 76° 46' 59.6" (RT)
D = 190° 59' 09.4"
L = 40.20'
T = 23.77'
R = 30.00'
SE = 0.02
DS = 15 MPH

-DR18-
PI Sta 10+68.89
Δ = 6° 05' 49.0" (RT)
D = 57° 17' 44.8"
L = 10.64'
T = 5.33'
R = 100.00'
SE = 0.02
DS = 15 MPH

-DR19-
PI Sta 10+41.77
Δ = 26° 47' 02.3" (RT)
D = 57° 17' 44.8"
L = 46.75'
T = 23.81'
R = 100.00'
SE = 0.02
DS = 15 MPH

PI Sta 11+53.07
Δ = 8° 46' 24.5" (LT)
D = 19° 05' 54.9"
L = 45.94'
T = 23.01'
R = 300.00'
SE = 0.02
DS = 15 MPH

-DR18B-
PI Sta 10+37.34
Δ = 49° 03' 09.3" (RT)
D = 190° 59' 09.4"
L = 25.68'
T = 13.69'
R = 30.00'
SE = 0.02
DS = 15 MPH

PI Sta 11+64.26
Δ = 6° 39' 37.5" (LT)
D = 6° 54' 11.2"
L = 96.48'
T = 48.30'
R = 830.00'
SE = 0.02
DS = 15 MPH

BM#8
-L- 142 + 47.66
89.86' LT
ELEV. = 1680.13

-DR26- POT Sta. 10+00.00
-L- PT Sta. 140+01.31
-DR26- POT Sta. 11+62.49 =
-L- POT Sta.142+14.32
BEGIN CONSTRUCTION
-DR16- POT Sta. 10+45.00
-DR16- PC Sta. 10+43.91
-DR16- PRC Sta. 10+84.08
-DR16- POT Sta. 10+00.00
N 22° 45' 05.0" E
-L- PC Sta. 144+83.26
-DR18B- POT Sta.10+00.00=
-L- POC Sta.144+58.29
N 41° 45' 08.6" E
BEGIN CONSTRUCTION
-DR17- POC Sta.10+20.00
-DR17- PT Sta. 10+00.00
-Y10A- PC Sta. 12+77.40
BEGIN CONSTRUCTION
-Y10A- POC Sta.10+50.00
-Y10A- PT Sta. 10+89.68
-Y10A- PC Sta. 10+00.00
N 6° 20' 50.5" E
-DR17- PT Sta. 11+30.78
-DR17- PC Sta. 10+90.57
N 70° 26' 09.1" W
-DR17- POT Sta. 11+58.19 =
-Y10A- POT Sta.11+32.55
-Y10A- PT Sta. 13+91.52
-DR19- POT Sta. 10+00.00=
-L- POC Sta.148+97.55
N 50° 03' 07.4" E
-DR19- PC Sta. 10+17.96
-DR19- PT Sta. 10+64.71
-DR19- PC Sta. 11+30.06
END CONSTRUCTION
-DR19- POT Sta. 11+75.00
-DR19- PT Sta. 11+76.00
-Y10A- POT Sta. 14+06.20=
-L- POC Sta.146+04.25
-DR18- POT Sta. 10+00.00=
-L- POC Sta.144+83.73
-DR18- POT Sta. 11+46.20
END CONSTRUCTION
-DR18- POT Sta. 11+45.00
N 47° 51' 31.2" E
-DR18- PC Sta. 10+63.57
-DR18- PT Sta. 10+74.21
-DR16- PT Sta. 11+99.13=
-L- POT Sta.142+68.72
-DR18B- PC Sta. 10+23.65
-DR18B- PT Sta.10+49.33
S 89° 11' 42.1" E
-DR18B- PC Sta.11+15.97
N 41° 45' 08.6" E
END CONSTRUCTION
-DR18B- POC Sta.11+85.00
-DR18B- PT Sta.12+12.45
N 48° 14' 51.4" W
N 44° 02' 15.5" E
L DET 4
300' LANE TAPER
150' LANE TAPER
200' CENTER TURN LANE
240' UNIFORM TRANSITION LT & RT
360' UNIFORM TRANSITION LT & RT
MATCHLINE -L- STA. 139 + 00 SEE SHEET 13
MATCHLINE -L- STA. 152 + 00 SEE SHEET 15
NAD 83/2011

SPECIAL CUT DITCH SEE DETAIL A
SP. CUT DITCH SEE DETAIL A
LATERAL V DITCH SEE DETAIL B
SP. LAT. V DITCH SEE DETAIL C
SP. LAT. V DITCH SEE DETAIL G
BANK STABILIZATION CL I RIPRAP ON BANKS ONLY SEE DETAIL AH
24" w/ 2 ELBOWS
72" RCP-III (BURIED 1.0')
24" RCP-III (NOT BURIED)
15" RCP-III
18" RCP-III
60" RCP-III (BURIED 1.0')
TOE PROTECTION W/CL B RIPRAP SEE DETAIL H
2 TONS CL B RIPRAP W/7 SY GEOTEXTILE
STREAM STABILIZATION WITH RIFFLES SEE DETAIL AG
PLUG & FILL W/FLOWABLE FILL
GRADE TO DRAIN EXISTING DRIVEWAY AS NECESSARY
LATERAL 4' BASE DITCH W/CL B RIPRAP SEE DETAIL J
STD BASE DITCH W/CL I RIPRAP SEE DETAIL R
PROP. SHOULDER BERM GUTTER -L- Sta.145+45.00 TO 148+22.00 RT
DO NOT DISTURB KEYPAD, GATE & FENCE
TOE PROTECTION W/CL B RIPRAP SEE DETAIL H
REMOVE HW
REMOVE DI
REMOVE
GRADE TO DRAIN
RETAIN
SP. DET. 2GIB-NSS
2GIB-NSS
4OTCB
JB w/MH
GREU TL-3
FS GREU TL-3
PDE
SEPTIC TANK
COULD NOT ACCESS FOR SEPTIC GATE LOCKED
COULD NOT FIND SEPTIC TANK
GARAGE
ABANDONED (FST BKD)

KELLY R. HOPKINS AND WIFE, ANGELIA HOPKINS; SHEILA HOEPPNER AND HUSBAND, KENNETH HOEPPNER DB 1688 PG 1090
WILLIAM J. KOLB DB 1136 PG 464
CARLY HOPKINS DB 1657 PG 447
FRONTIER COMMUNICATIONS OF THE CAROLINAS, LLC DB 492 PG 28
KELLY HOPKINS AND SHEILA H. HOEPPNER DB 1598 PG 803
ALFRED F. KINCAID ESTATE DB 574 PG 81
BRENDA KINCAID DB 574 PG 83
DB 574 PG 83
RENEGADE SELF-STORAGE, LLC DB 1671 PG 398
GEORGETTE HOWERTON DB 1559 PG 280 PC B SLIDE 116B
JUSTIN M. HEDDEN DB 1719 PG 147
BRENT HEENAN DB 1398 PG 346 PC B SLIDE 116B
FREDRICK DEAN DALRYMPLE, LIFE ESTATE DB 1690 PG 1231
CHRISTINA T. GUTHRIE DB 914 PG 621

CLEARING AND GRUBBING EROSION CONTROL FOR CONSTRUCTION SHEET 14

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

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10/23/2023
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