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5/14/99

PROJECT REFERENCE NO.	SHEET NO.
U-5536	9
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 033400 — 12/19/2024

HYDRAULICS ENGINEER

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 33246 — 12/19/2024

CDM Smith — CDM Smith Inc, 5400 Glenwood Avenue Suite 400, Raleigh, NC 27612-3228, NC COA No. P-1255

MI Engineering, PLLC, 1011 Schaub Drive Suite 100, Raleigh, NC 27606, NC COA No. P-0671

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-Y8-
PI Sta 23+47.87
Δ = 54° 07' 05.5" (RT)
D = 9° 32' 57.5"
L = 566.72'
T = 306.50'
R = 600.00'
e = 0.03
RO = 6.3'
DS = 20 mph

NAD 83/NA 2011

31A

DORSEY D STIMSON JR TESTAMENTARY TRUST & DORSEY D STIMSON DB 2014E PG 1005

31

32

S 62°50'11" W 95.17'

S 62°55'11" W 36.26'

S 62°38'20" W 53.65'

S 63°02'03" W 36.57'

N 26°38'46" W 100.47'

N 22°22'47" W 100.47'

N 61°48'32" E 233.53'

S 26°13'55" E 100.04'

N 62°00'49" E 233.29'

10.65' EIP TO R/W

INV=908.59 -L- STA. 50+04 458.6' LT

2' BASE TAIL DITCH SEE DETAIL 6G

REMOVE

INV=918.50 -L- STA. 49+75 307.7' LT

DITCH MATCH LINE SEE SHEET 6

25

NAD 83/NA 2011

END CONSTRUCTION -Y8- POC STA. 24+26.81

TO CONRAD RD

GRAPEVINE RD SR 1501

TO YADKINVILLE RD

EXISTING R/W

PT Sta. 26+08.10

47C

N 89°43'46" E 196.23'

RETAIN

24" RCP

30" RCP

OUTLET PROTECTION APRON LENGTH=16' 10 TONS CL B RIP RAP 29 SY GEOTEXTILE

PDE

IRONWOOD RD 20' PAVED

EASEMENT TO PIEDMONT NATURAL GAS BOOK 1624 PAGE 0179

S 15°32'24" W 163.50'

60' EXISTING R/W

18" RCP TO LOWES FOODS

GUY

PC Sta. 20+41.38

20

12" RCP DI

BY-21

18" RCP

18" RCP-III

REMOVE

47B

ISFD

48" CHL

N 86°14'04" E 182.78'

N 17°25'16" W 194.39'

N 04°08'25" E 5.53'

S 68°39'17" E 165.50'

N 73°32'50" E 140.00'

N 84°34'29" E 135.80'

N 13°24'00" E 216.76'

S 89°41'00" E 55.33'

S 89°41'00" E 38.31'

S 89°41'00" E 74.93'

N 13°24'00" E 253.61'

47A

-Y8-

PUE

PUE

S 14°33'58" W 38.98'

N 82°49'25" E 185.93'

46

ISBKD

MATCH LINE -Y8- POT STA. 18+50.00 SEE SHEET 7

SEE SHEET 2D-1 FOR DRAINAGE DETAILS

SYSTIME = 5/14/2024 10:56:36
USER: C:\Projects\U-5536_Rdy_psh_09.dgn