REVISIONS

K:\CHL_PRJ\011036720 - U-5112 (P3 Intersection\Roadway\Proj\U-5112-INTERSECTION-DETAIL.dgn

1/3/2024

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200 S. TRYON ST. • CHARLOTTE, NC 28202

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.	SHEET NO.
U-5112	2B-1
R/W SHEET NO.	

ROADWAY ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 037923 ENGINEER FRANK D MASTERSON, JR
12/12/2024
DocuSigned by: Frank Masterson 60FB0280...

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 037923 ENGINEER FRANK D MASTERSON, JR
12/12/2024
DocuSigned by: Frank Masterson

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NC GRID NAD 83 NA 2011

PI Sta 11+10.84
Δ = 81° 50' 06.9" (LT)
D = 81° 51' 04.0"
L = 99.98'
T = 60.67'
R = 70.00'

PI Sta 11+27.10
Δ = 92° 53' 12.9" (LT)
D = 95° 29' 34.7"
L = 97.27'
T = 63.10'
R = 60.00'

-Y1- PLEASANT PLAINS ROAD

PT Sta. 11+50.14
775.26

34.03'
+76.08
02

PC Sta. 10+64.00
775.15

22.12'
+54.66
02

775.26
775.31
775.36
775.41
775.46
775.38
775.30
775.21
775.13
775.05

10' TYP.

-D-

PC Sta. 10+50.16
774.96

-A-

775.36
775.46
775.56
775.66
775.76
775.86
775.96
776.06

PT Sta. 11+62.14
776.14

10' TYP.

-L- STA 18+24.14=
-Y1- STA 22+60.19
ELEV. = 776.27

-L- POTTER ROAD

20+00

24.98'
+26.53
02

33.07'
+28.45

25.00'
+36.12
02

22.32'
+91.36
02

-L- POTTER ROAD

775.04
775.07
775.10
775.13
775.17
775.19
775.05
774.91
774.77

-C-

PT Sta. 11+57.38
775.01

776.09
775.93
775.77
775.62
775.46
775.31
775.16
775.00

-B-

PC Sta. 10+56.65
776.24

10' TYP.

10' TYP.

PC Sta. 10+62.94
774.70

22.06'
+49.08
02

22.11'
+39.00
02

PT Sta. 11+45.90
774.86

-Y1- PLEASANT PLAINS ROAD

PI Sta 11+23.13
Δ = 90° 10' 52.3" (LT)
D = 95° 29' 34.7"
L = 94.44'
T = 60.19'
R = 60.00'

PI Sta 11+08.50
Δ = 7.3° 03' 13.5" (LT)
D = 81° 51' 04.0"
L = 89.25'
T = 51.85'
R = 70.00'

SEE PLAN SHEET 5 FOR -L- AND -Y- LINES
SEE CROSS SECTION SHEETS FOR CROSS SLOPES

INTERSECTION DETAIL