PROJECT REFERENCE NO.	SHEET NO.
SS-4905BI	5

PI Sta 17+75.12
Δ = 23° 58' 02.9" (LT)
D = 9° 14' 28.5"
L = 259.35'
T = 131.60'
R = 620.00'

DETAIL A
CUT DITCH (Not to Scale)
Natural Ground — SEE XSC — D* — SEE XSC — Fill Slope
* SEE XSC
FROM STA. 16+94 TO STA. 17+50 RT
FROM STA. 20+11 TO STA. 20+50 RT

STA. 20+57.02
END PROJECT SS-4905BI

SR 1648 DANUBE LN.

PT Sta. 19+02.87

PC Sta. 16+43.52

MATCHLINE STA. 15+50.00

(2) W & M PROPERTIES DEVELOPERS DIVERSIFIED DEED BOOK 1333 PAGE 163

(3) EARL & DELORES EVANS DEED BOOK 1435 PAGE 910

(5) CITY OF DURHAM DB 1200 PG 883 PB 107 PG 113

(6) NEW JERUSALEM BAPTIST CATHEDRAL INC DB 1460 PG 376

(7) BATOOL Z SHEIKH DB 5554 PG 430

(8) LIDA M TURNER HEIRS DB 1160 PG 313

(9) EASTER ANN BALDWIN POSEY DB 930 PG 768

(11) NASIR GHAFOOR & JUJAR A NAGDI DB 5916 PG 807

(12) WILLIAM F HINES JR DB 1071 PG 675

(13) S D & CHARLENE B DAYE DB 982 PG 559

(14) WILLIAM F HINES JR DB 1800 PG 367 DB 6829 PG 779

(15) SUMMIT CONNECTION LLC DB 5913 PG 372

SR 1004 OLD OXFORD RD.

N 43° 00' 07.2" E

16+22.54 -L- 40.21
16+00.26 -L- 51.50
16+46.45 -L- 71.23
16+36.85 -L- 49.26
16+76.22 -L- 58.84
17+39.43 -L- 54.21
17+45.22 -L- 27.09
17+56.10 -L- 32.95
18+41.57 -L- 32.34
19+30.15 -L- 36.37
18+69.60 -L- 36.68
18+49.78 -L- 36.88
18+10.23 -L- 35.19
17+60.60 -L- 28.85
17+50.17 -L- 37.61
17+00.00 -L- 48.46
16+17.89 -L- 34.00
16+02.69 -L- 46.38
16+30.90 -L- 53.25
16+21.57 -L- 74.33
16+85.75 48.3
16+79.07 48.36
16+76.58 53.8
20+22.99 37.3

START TRANSITION STA. 17+94+/-
END TRANSITION STA. 18+04+/-
END C&G STA. 16+81+/-
END C&G STA. 20+57+/-
PSRM 20 SY SPECIAL DITCH (SEE DETAIL-A)
PSRM 10 SY SPECIAL DITCH (SEE DETAIL-A)
DO NOT DISTURB
PIPE CLEAN-OUT
15" CLASS IV
15" RCP
18" RCP
12" RCP
15" RCP-IV w /COLLAR
5' CONC. SIDEWALK
TB JB w /MH
2' VALLEY GUTTER
2'-6" C&G
20' DVWY
21' DVWY
16' DVWY
4' DIA CONC. PAD
REMOVE
PLUG
CONC
GR
EIP
CB
DI
R 5'
R 23'
R 35'
R 20'

DIVISION FIVE DESIGN

NORTH CAROLINA PROFESSIONAL SEAL 030459 ENGINEER BEN UPSHAW

DocuSigned by: Ben Upshaw CD6EB110D6E54E5 SIGNATURE 11/29/2015 P.E.

WIDENING FOR TURN LANES ON SR 1004 (OLD OXFORD RD.) AT SR 1648 (DANUBE LN.)

DIVISION 05 DURHAM COUNTY DURHAM

REVISIONS	INIT.	DATE

N.C. DEPARTMENT of TRANSPORTATION
DIVISION of HIGHWAYS
DIVISION FIVE DESIGN UNIT

DIVISION OF HIGHWAYS · DIVISION FIVE · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · DIVISION DESIGN UNIT

SCALE: 1":40'	DATE: 07/2014
PREPARED BY: SUNIL PATEL	
REVIEWED BY: BEN UPSHAW	
REVIEWED BY:	