DocuSign Envelope ID: BD04A6F0-193C-4758-B1A2-A87F8B7C208F

PROJECT REFERENCE NO.	SHEET NO.
U-3615B	17
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 022999 ENGINEER Greg S. Purvis

HYDRAULICS ENGINEER — NORTH CAROLINA PROFESSIONAL SEAL 012575 ENGINEER Paul F. Fisher

WETHERILL ENGINEERING
559 Jones Franklin Rd. Suite 164
Raleigh, N.C. 27606
Liscense No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107

TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

STA. 348+41.04 –L–
END TIP PROJECT U-3615B

7120
11600

19200 / 26800	3220 / 4900	3900 / 6700	19880 / 28600
–L– SR 1820			–L– SR 1820

OAK HOLLOW SHOPPING CENTER DRIVE
EST. 2015 / 2035 AADT

–L–

PIs Sta 343+10.19	PI Sta 345+04.15	PIs Sta 346+96.93
Θs = 1° 18′ 45.0″	Δ = 11° 47′ 10.0″ (LT)	Θs = 1° 18′ 45.0″
Ls = 75.00′	D = 3° 30′ 00.0″	Ls = 75.00′
LT = 50.00′	L = 336.75	LT = 50.00′
ST = 25.00′	T = 168.97′	ST = 25.00′
	R = 1,637.02′	
	DS = 50 MPH	
	SE = 0.02	
	RO = SEE PLANS	

NAD 83/95

–L– SCSta. 343+35.18
–L– TSSta. 342+60.18
–L– STSta. 347+46.95
–L– CSSta. 346+71.93
–L– POTSta. 348+78.83= –Y47– POT Sta.15+90.48
–L– POC Sta. 343+65.35= –Y46– PCSta. 10+00.00
–Y46–PT Sta. 11+99.29
–Y46–POC Sta. 11+39.20 END CONSTRUCTION

–Y46–

PI Sta 11+00.32	
Δ = 16° 17′ 48.8″ (RT)	
D = 8° 10′ 38.8″	
L = 199.29′	
T = 100.32′	
R = 700.66′	

SEE SHEET 2B-3 FOR –Y46– INTERSECTION DETAIL
SEE SHEET 25 FOR –L– PROFILE
SEE SHEET 28 FOR –Y-46 PROFILE

SEE SHEET 2B-9 FOR TEMPORARY ALIGNMENT 4 DETAIL

EXISTING SIGNAL
PROPOSED SIGNAL

MATCHLINE STA 336+00.00 SHEET 16

REVISIONS

8/17/99

3:19:51 PM
PS:2211 LN:3615B\Roadway\Proj\u3615b_rdy_psh_sh17.dgn
10/29/2014