LEGEND

- BUILDINGS
- EXISTING RIGHT OF WAY
- PROPOSED RIGHT OF WAY
- PROPOSED EASEMENTS (DRAINAGE, CONSTRUCTION, AND UTILITY)
- EXISTING ROADWAY
- EXISTING ROADWAY TO BE REMOVED
- EXISTING ROADWAY TO BE RESURFACED
- PROPOSED ROADWAY
- PROPOSED GRASS MEDIAN
- PROPOSED SIDEWALK, ISLAND, CURB AND GUTTER
- EXISTING SIDEWALK, ISLAND, CURB AND GUTTER TO BE RETAINED
- EXISTING SIDEWALK, ISLAND, CURB AND GUTTER TO BE REMOVED
- LAKES, RIVER, STREAMS, AND PONDS
- WETLANDS
- EXISTING UTILITY EASEMENT
- PROPERTY LINES
- PROPOSED RIGHT OF WAY LINE
- PERMANENT UTILITY EASEMENT
- PERMANENT DRAINAGE EASEMENT
- DRAINAGE UTILITY EASEMENT
- TEMPORARY CONSTRUCTION EASEMENT
- PROPOSED TRAFFIC SIGNAL
- EXISTING TRAFFIC SIGNAL

DESIGN DATA

Functional Class	= Minor Arterial
Design Speed	= 40 MPH
Max. Superelev.	= 0.04

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

DESIGN PUBLIC MEETING MAP
GRANVILLE COUNTY
PROJECT R-5707
NC 56 (W. LAKE ROAD & W. WILTON AVENUE)
AT US 15 (N. DURHAM AVENUE) AND NC 50
CREEDMOOR, NC

(Side titles, both margins)
DESIGN PUBLIC MEETING MAP
GRANVILLE COUNTY
PROJECT R-5707
NC 56 (W. LAKE ROAD & W. WILTON AVENUE)
AT US 15 (N. DURHAM AVENUE) AND NC 50
CREEDMOOR, NC

Map labels and callouts

- BEGIN T.I.P. PROJECT R-5707 -L- STA. 16+30.00
- END T.I.P. PROJECT R-5707 -L- STA. 34+88.61
- BEGIN CONSTRUCTION -Y3- STA. 304+72.11
- END CONSTRUCTION -Y2- STA. 202+00.00
- END CONSTRUCTION -Y3- STA. 313+90.68
- END CONSTRUCTION -DR1- POT STA. 501+25.13
- END CONSTRUCTION -Y4- STA. 402+00
- EXISTING SIGNAL TO BE RELOCATED
- SIDEWALK BY OTHERS
- TO BUTNER
- TO DURHAM
- TO OXFORD
- TO CREEDMOOR
- TO DURHAM

Stations: 15+00, 20+00, 25+00, 30+00, 35+00, 300+00, 305+00, 310+00, 315+00

Route markers: 56, 15, 50, 56

Station callouts:
- -Y2- PC Sta. 201+48.52
- -Y2- PT Sta. 201+30.378
- -Y2- PC Sta. 200+33.82
- -Y2- PT Sta. 203+27.40
- -L- PT Sta. 28+10.96
- -L- PC Sta. 29+21.19
- -L- PT Sta. 30+76.51
- -L- PC Sta. 22+86.91
- -L- PC Sta. 22+44.01
- -L- PT Sta. 22+15.14
- -Y1- PC Sta. 100+55.33
- -Y1- PT Sta. 104+30.39
- -Y3- POT Sta. 300+00.00
- -Y3- PC Sta. 302+21.56
- -Y3- POT Sta. 304+00.00
- -Y3- POT Sta. 316+00.00
- -Y4- STA. 402+00
- -Y4- POT Sta. 403+51.13
- -L- POT Sta. 36+75.86

Property owners (labels on map)
E L AIKEN HEIRS LLC; WILLIAM J & JANICE GRAUSE; FANNIE MAE; RUFUS I & MAXINE AIKEN; MAXINE R AIKEN; RAYMOND RAY ET AL; LYNN & ALICE AIKEN; LYNN ELVIN AIKEN; JAMES E NEVILLE; SAMUEL KENT RAY; JOSEPH J WATKINS; RONALD FOY SMITH; ZACHARY L BYRD SR; COLESON PROPERTIES LLC; CARL & SANDRA PHIPPS; DAWN MARIE KIMMEL; LESTER D BOWLING JR; ET PROPERTY LLC; CROSS CAR WASH LLC; GRANVILLE DEVELOPMENT LLC; CLAYTON HILL PROPERTIES LLC; VELMA S GOOCH; CHARLES WAYNE WATKINS; TEDDY R II & SABRINA CLEMONS; JANET CHAVIES & BARBARA MASON; WILLIAM G & NANCY CASTLE; BRODIE WAYNE; ADLAI S WOODLIEF; LORI EVANS; HOC PARTNERS LLC; HOLMES OIL COMPANY LLC; HOLMES OIL COMPANY INC; LINDA VISTA FARMS ASSOC INC; LISA R & LANFORD H PARROTT; ANNIE W MOORE / AEDEN L MOORE / MARTHA C MOORE; ANJAR EUCDA & BRENDA COLINDRE; WILLIAMSBURG PARK HOMEOWNERS; TIMOTHY J & KARIN H PATRICK; JAMES D III & ROBIN H GRAY; JANELLE & JOSEPH SALAZAR; WANDA FAYE TAYLOR; CARLTON B GREEN; DARLENE E BENNETT; W H JR & MARY ROBERTS

Street labels: N PINE STREET; SUNSET STREET; W LAKE ROAD; N DURHAM AVENUE; MACK STREET

SCALE
50' 0' 50' 100'
25'
HORIZONTAL SCALE (1" = 50')

TYPICAL SECTIONS
- C -Y1- (W LAKE ROAD) — TYPICAL SECTION
- C -L- (NC 56) — TYPICAL SECTION — -L- STA. 20+40.00 TO -L- STA. 28+14.75; -L- STA. 25+04.35 TO -L- STA. 27+54.35
- C -L- (NC 56) — TYPICAL SECTION — -L- STA. 16+30.00 TO -L- STA. 20+40.00
- C -Y3- (N DURHAM AVE/US 15) — TYPICAL SECTION

Curve Data Table

-L-	-Y1-	-Y2-	-Y3-
PI Sta 19+93.04	PI Sta 102+50.2	PI Sta 200+69.45	PI Sta 304+22.71
Δ = 48°04'52.7" (LT)	Δ = 40°32'08.7" (LT)	Δ = 26°43'19.3" (RT)	Δ = 7°40'18.7" (LT)
D = 10°08'27.0"	D = 10°44'58.8"	D = 4°57'38.4"	D = 1°54'35.5"
L = 474.14	L = 377.09	L = 538'11'49.9"	T = 178.88
T = 252.03	T = 196.82	L = 8952	R = 3,000.00
R = 565.00	R = 533.00	R = 1,155.00	e = EXIST.
e = .04	e = .04	TRANSITION TO EXIST.	
Runoff = 84 (PC)	Runoff = 84		
Runoff = 124 (PT)			

PI Sta 25+72.30		PI Sta 202+38.14	
Δ = 56°19'59.4" (RT)		Δ = 8°52'24.6" (RT)	
D = 10°44'58.8"		D = 38°11'49.9"	
L = 524.05		T = 178.88	
T = 285.39			
R = 533.00			
e = .04			
Runoff = 124			

PI Sta 29+99.34			
Δ = 15°45'04.4" (LT)			
D = 10°08'27.0"			
L = 155.32			
T = 78.16			
R = 565.00			
e = exist.			