

NCDOT
Division 6
Project Report
September 2024



LOCATION: NC 55 FROM JUST SOUTH OF SR 1532 (OAK GROVE CHURCH ROAD) TO NC 210
TYPE OF WORK: DRAINAGE, GRADING, PAVING, SIGNING, SIGNALS, AND CULVERTS

STATE	STATE PROPERTY REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-5705A	1	
STATE FIDING	F.A.FIDING	DESCRIPTION	
46377.1.2		P.E.	
46377.2.1		RIGHT-OF-WAY	
46377.2.5		UTILITIES	
46377.3.1		CONSTRUCTION	

Work Begin: 12/2023
Est. Completion: 04/2028
Rev. Completion: N/A
Contractor: Barnhill
NCDOT Contact: Donavo
Hunt
Contract: \$48,441,331

Majority of project is on new alignment.

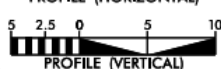
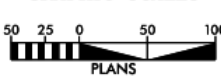
18%

08/15/2024

NTS

** DESIGN SPEED = 50 MPH FROM -L- STA. 15+58.00 TO STA. 112+18.00 (EXISTING NC 55)
60 MPH FROM -L- STA. 112+18.00 TO STA. 246+00.00 (NEW LOCATION)

★ TRAFFIC SIGNAL
THIS IS A PARTIAL CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO POINTS SHOWN ON THE PLANS



DESIGN DATA

AADT 2023 =	16,400
AADT 2045 =	27,100
K =	9%
D =	60%
T =	4%*
** V =	50/60 A
* (TTST 1% +	DUAL 3%)

FUNCTIONAL
CLASSIFICATION:
MINOR ARTERIAL
REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT R-5705A	=	4.364 MILES
TOTAL LENGTH ROADWAY TIP PROJECT R-5705A	=	4.364 MILES

PLANS PREPARED FOR
THE NCDOT BY:

2019 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:

LETTING DATE:

Kimley»Horn

JEFFREY W. MOORE, P.E.
PROJECT ENGINEER

EVERETT J. LOVING, P.E.
PROJECT DESIGN ENGINEER

DAVID WEBB, P.E.
SENIOR PROJECT MANAGER
NCDOT PROJECT MANAGEMENT UNIT

HYDRAULICS ENGINEER



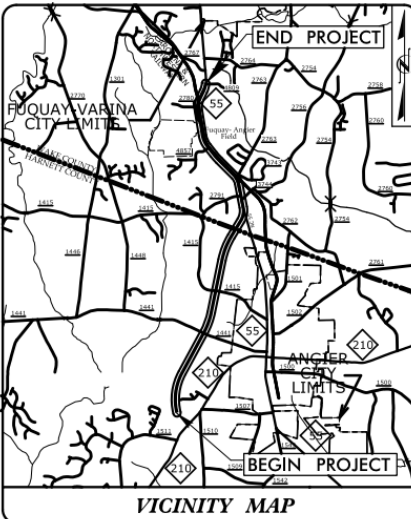
SIGNATURE: _____
ROADWAY DESIGN ENGINEER



TIP PROJECT: R-5705B

CONTRACT: C204745

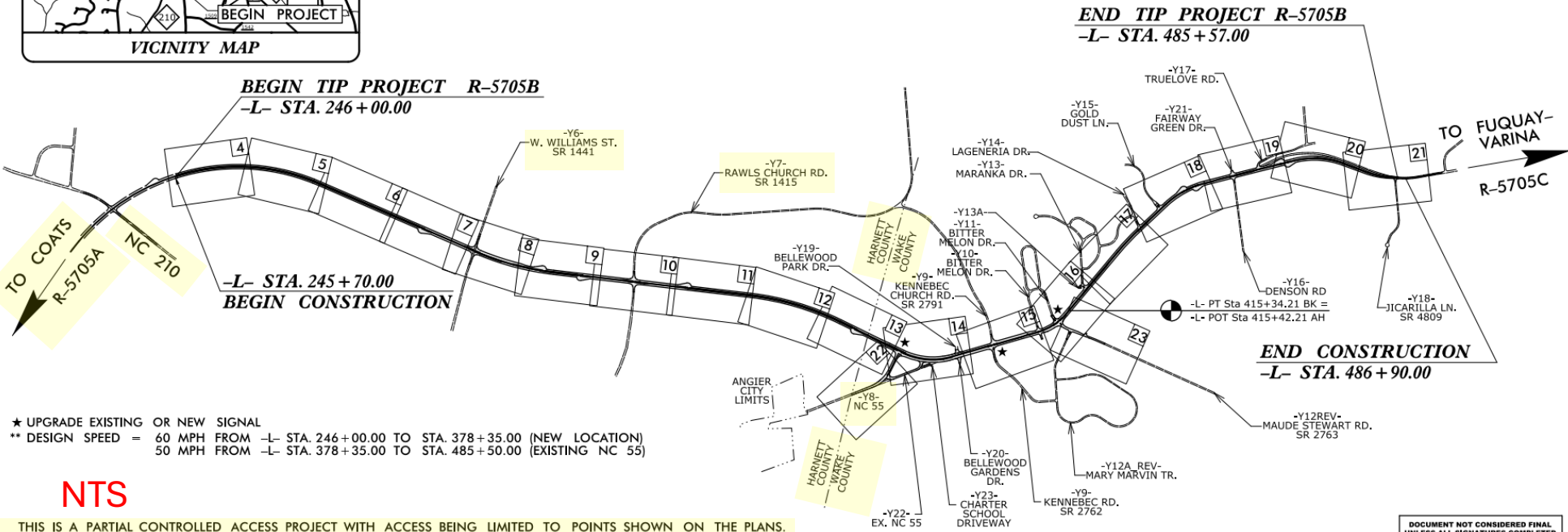
See Sheet 1A For Index of Sheets



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
HARNETT & WAKE COUNTIES

LOCATION: NC 55 FROM NC 210 TO SR 4809 (JICARILLA LANE)
TYPE OF WORK: PAVING, GRADING, DRAINAGE, SIGNALS & CULVERT

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-5705B	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
46377.1.3		PE	
46377.2.2		ROW	
46377.2.6		UTILITIES	
46377.3.2		CONST.	

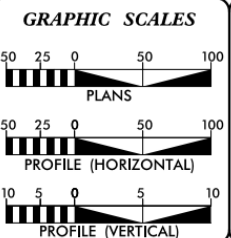


★ UPGRADE EXISTING OR NEW SIGNAL
** DESIGN SPEED = 60 MPH FROM -L- STA. 246+00.00 TO STA. 378+35.00 (NEW LOCATION)
50 MPH FROM -L- STA. 378+35.00 TO STA. 485+50.00 (EXISTING NC 55)

NTS

THIS IS A PARTIAL CONTROLLED ACCESS PROJECT WITH ACCESS BEING LIMITED TO POINTS SHOWN ON THE PLANS.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



DESIGN DATA	
ADT 2022 =	30,200
ADT 2045 =	44,200
K =	9 %
D =	60 %
T =	4 %
**V =	50 & 60 MPH
* TTST =	1% DUAL 3%
FUNC CLASS =	MINOR ARTERIAL
REGIONAL TIER	

PROJECT LENGTH	
LENGTH ROADWAY PROJECT R-5705B	= 4.536 MILES
TOTAL LENGTH PROJECT	= 4.536 MILES

Prepared For:
DIVISION OF HIGHWAYS
1000 Birch Ridge Dr., Raleigh NC, 27610

By:
TGS ENGINEERS
706 HILLSBOROUGH ST
SUITE 200
RALEIGH, NC 27603

PH (919) 773-8887
CORP. LICENSE NO.: C-0275

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
MARCH 3, 2021

LETTING DATE:
OCTOBER 18, 2022

TOMMY REGISTER, P.E.
PROJECT ENGINEER

KIM L. GILLESPIE, PE
NCDOT CONTACT

HYDRAULICS ENGINEER

Developed by:
Randy Phillips
SIGNATURE: 9/1/2022 + 2:44 PM

ROADWAY DESIGN ENGINEER

Developed by:
Tommy Register
SIGNATURE: 9/1/2022 + 8:56 PM



Project Details:

Work Begin: 03/2023

Est. Completion: 05/2027

Rev. Completion: N/A

Contractor: Highland Paving

NCDOT Contact: Donavon Hunt

Contract: \$61,497,777

Project Comments:

Harnett County portion of project is located on new alignment.

CONSTRUCTION PROGRESS

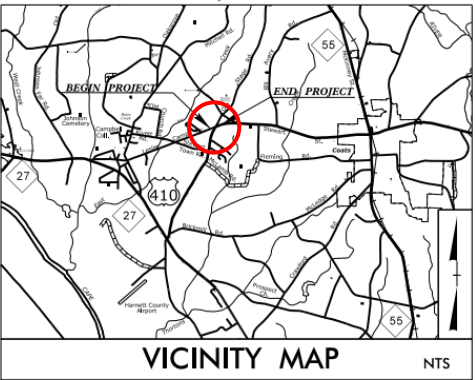
23%

07/31/2024

TIP PROJECT: W-5706L

CONTRACT: DF00465

See Sheet 1A for Index of Sheets
See Sheet 1B for Conventional Symbols



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
HARNETT COUNTY

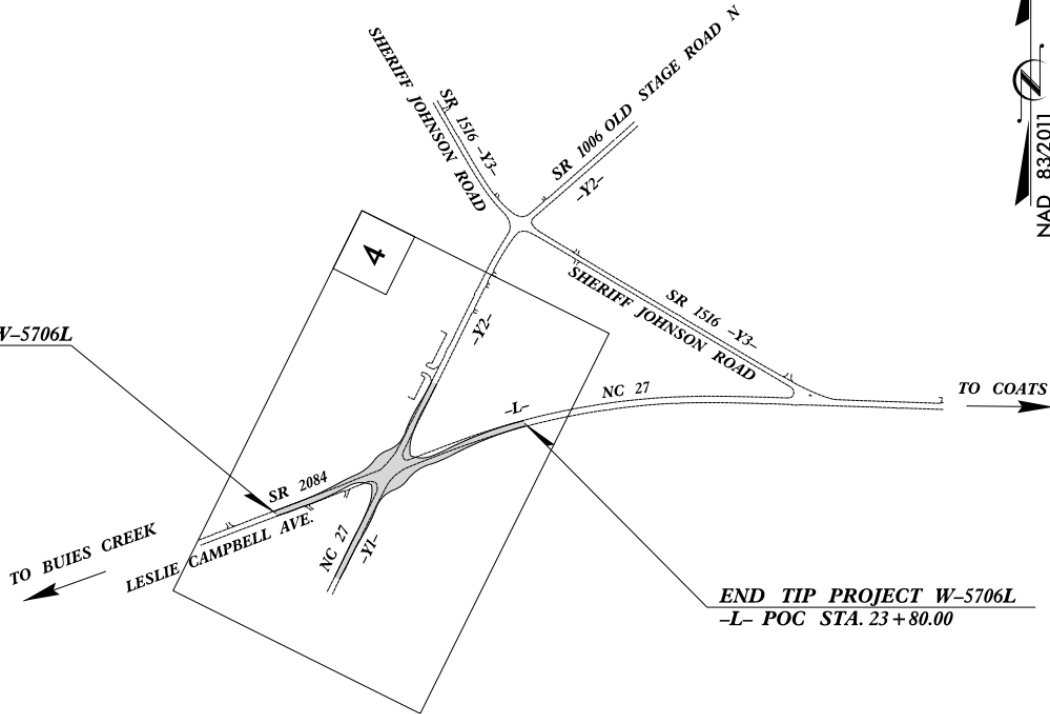
LOCATION: NC 27/SR 1006(OLD STAGE RD.N)/
SR 2084(LESLIE CAMPBELL AVE)

TYPE OF WORK: GRADING, DRAINAGE, & PAVING

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5706L	1	
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
44852.1.12	HSIP-0027(019)	PE	
44852.2.12	HSIP-0027(019)	R / W	
44852.2.33	HSIP-0027(019)	UTIL.	
44852.3.12	HSIP-0027(019)	CONSTR.	



BEGIN TIP PROJECT W-5706L
-L- POT STA. 13 + 20.00



END TIP PROJECT W-5706L
-L- POC STA. 23 + 80.00

NAD 83/2011

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

Project Details:

Work Begin: N/A

Est. Completion: 12/2025

Rev. Completion: N/A

Contractor: Highland Paving

NCDOT Contact: Dovon Hunt

Contract: \$2,708,263

Project Comments:

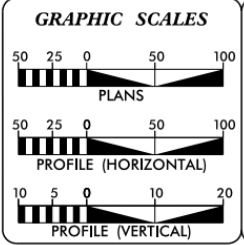
Project will construct a roundabout.

Project is scheduled to start mid-September.

CONSTRUCTION PROGRESS

0%

08/27/2024



DESIGN DATA

ADT 2022 =	5,750
ADT 2040 =	7,400
K =	12 %
D =	55 %
T =	5 % *
V =	50 MPH
* TTST =	2% DUAL 3%
FUNC CLASS =	RURAL
ARTERIAL	
REGIONAL TIER	

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT W-5706L =	0.201 MILES
TOTAL LENGTH OF TIP PROJECT W-5706L =	0.201 MILES

Prepared In The Offices of:

Stantec
SUNGATE DESIGN GROUP, P.A.
2024 STANDARD SPECIFICATIONS
RIGHT OF WAY DATE:
SEPTEMBER 30, 2021
LETTING DATE:
APRIL 3, 2024

STEVE SMALLWOOD, PE
PROJECT ENGINEER
ALEX HENDERSON

HYDRAULICS ENGINEER

Developed by:
Judson G. Dalton
SIGNATURE: 2/12/2024

ROADWAY DESIGN ENGINEER

Developed by:
Steve Smallwood
SIGNATURE: 2/12/2024



NCDOT, Div. 6 HMIP (Active Project)

Contract	Project	Contractor	Let	Completion	Progress	Project Cost	County
DF00436	AST (double seals & double seal fog) along 20 SR's totaling 31.66 miles.	Riley Paving	04/2023	10/2024	0% 08/22/2024	\$1,181,086	Harnett
DF00441	Concrete installations in Division 6 (curb ramps)	Morgan Trucking & GC	09/2023	10/2025	44% 08/07/2024	\$2,530,730	Bladen, Cumberland, Harnett, & Robeson
DF00442	Resurfacing, widening, milling, & pavement markings along 10 SR's totaling 22.93 miles.	Johnson Brothers	06/2023	10/2024	39% 07/31/2024	\$4,132,586	Harnett
DF00470	Widening, milled rumble stripes & pavement markings	Performance Sealing & Striping	03/2024	04/2025	7% 07/15/2024	\$1,927,560	Bladen, Cumberland, Harnett, & Robeson
DF00475	Resurfacing, milling, & pavement markings along 20 SR's totaling 22.08 miles	Highland Paving	04/2024	10/2024	0% 08/22/2024	\$3,178,982	Harnett
DF00476	Resurfacing, milling, & pavement markings along 40 SR's totaling 25.96 miles	Fred Smith Co.	04/2024	11/2025	0% 08/22/2024	\$3,446,744	Harnett
DF00477	Permanent raised pavement marker installations on 1,244.14 miles of roadway	WL Markers Inc.	04/2024	11/2024	0% 08/22/2024	\$333,702	Bladen, Columbus, Cumberland, Harnett, & Robeson
DF00479	AST (double seals, joint sealer & pav't mrkgs.) along 20 SR's totaling 31.66 miles	Riley Paving	05/2024	10/2024	0% 08/22/2024	\$1,181,086	Harnett



NCDOT, Division 6 - Safety (Future Projects)

TIP / WBS	County	Project	R/W	Let	Est. Project Cost
50870	Harnett	US 401 and SR 1415 (Rawls Church Road – construct a traffic signal	01/2024	On-call	\$825,000
HS-2006K	Harnett	SR 1441 (Chalybeate Springs Road) between NC 55 and US 401 – wedge curve near Wells Lane; place long life pavement markings (LLPM) on entire route	09/2024	07/2025	\$867,000

NCDOT, Division 6 - LAP (Future Projects)

TIP / WBS	County	Project	R/W	Let	Est. Project Cost
BL-0090	Harnett	SR 1500 (E. McIver Street), b/w Angier Elementary School and S. Wilma Street (ss) & S. Wilma Street, b/w SR 1500 and approx. 700' south of SR 1500 (ws) - Sidewalk	2025	2025	\$1,098,000
EB-6020	Harnett	Sidewalk extensions along: <ul style="list-style-type: none"> • N . Willow Street, b/w E. Julia Street and SR 1500 (Junny Road) • SR 1500 (Junny Road), b/w N. Willow Street and Glen Meadow Drive • W. Lillington Street, b/w S. Park Street and NC 210 	03/2024	07/2025	\$942,000

NCDOT, Division 6 – STIP (Future Projects)

TIP / WBS	County	Project	R/W	Let	Est. Project Cost
R-5890	Harnett	US 401 (North Main Street) from Parker Lane to McKinney Parkway – construct median and traffic signal	06/2029	01/2031	\$14,700,000
R-5953	Harnett	NC 55 from NC 27 in Coats to Old Stage Road – widen existing & construct new alignment	TBD	TBD	\$101,100,000

Note: Projects details are subject to change

