

Division 6 Project Report August 2024



CAPE FEAR
COUNCIL OF GOVERNMENTS

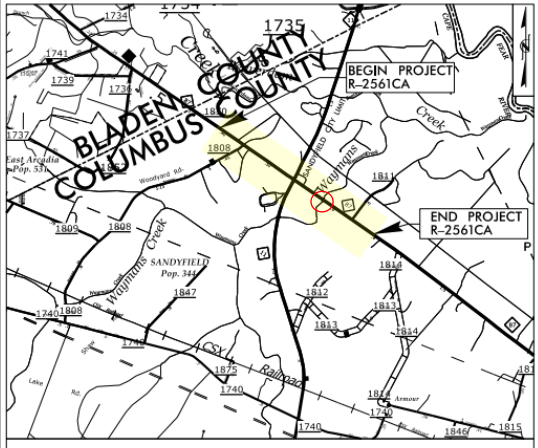
Cape Fear RPO

Brunswick County ♦ Columbus County ♦ Pender County

TIP PROJECT: R-2561CA

CONTRACT: C204570

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Symbols
See Sheet RW01 Thru RW13 For Right of Way Plan Streets

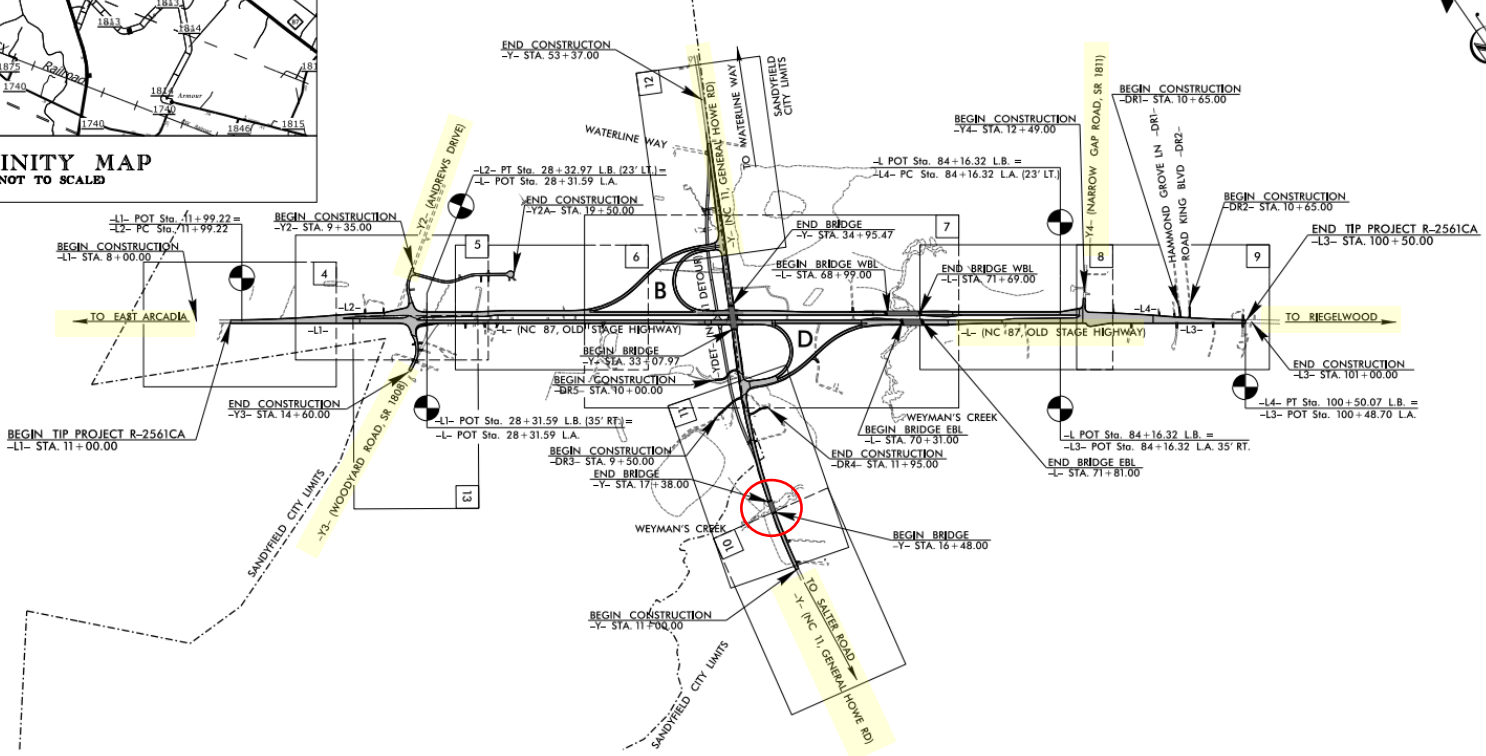


VICINITY MAP
(NOT TO SCALE)

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
COLUMBUS COUNTY

LOCATION: NC 87 (OLD STAGE RD.)/NC 11 (GENERAL HOWE RD.) INTERCHANGE
TYPE OF WORK: GRADING, DRAINAGE, PAVING, AND STRUCTURES

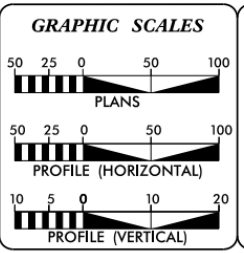
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-2561CA	1	
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
34466.4.5	N/A	P.E.	
34466.3.8	N/A	R/W & UTILITIES	
34466.1.5	0087051	CONST.	



NTS

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

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



DESIGN DATA

ADT 2022 =	7364
ADT 2040 =	9000
K =	9 %
D =	60 %
T =	24 % *
V =	60 MPH
* TTST =	20% DUAL = 4%
FUNC CLASS =	MINOR ARTERIAL
	"REGIONAL TIER"

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT R-2561CA =	1.644 MILES
LENGTH OF STRUCTURE TIP PROJECT R-2561CA =	0.051 MILES
TOTAL LENGTH OF TIP PROJECT R-2561CA =	1.695 MILES

PLANS PREPARED FOR THE NCDOT BY:

SEPI
A Division of Transystems

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
OCTOBER 28, 2019

LETTING DATE:
MAY 16, 2023

RAJIT RAMKUMAR, PE, LEED AP
PROJECT ENGINEER

DANIEL W. GARDNER, JR., PE
PROJECT DESIGN ENGINEER

JOHN B. GAUTHIER
NCDOT CONTACT

HYDRAULICS ENGINEER

ROADWAY DESIGN ENGINEER

Professional Engineer Seal: Rajit Ramkumar, No. 035621, State of North Carolina.

Professional Engineer Seal: Daniel W. Gardner, Jr., No. 033871, State of North Carolina.



Project Details:

Work Begin: 09/2023

Est. Completion: 11/2026

Rev. Completion: N/A

Contractor: Balfour Beatty

NCDOT Contact: Jason A. Johnson

Contract: \$35,978,896

Project Comments:

Utility relocation - in progress

NC 11 Bridge construction over Weyman's Creek has traffic detoured through Sandyfield.

Reduced Conflict Intersections (RCI) at:

- Y2- Andrews Drive
- Y3- Woodyard Road
- Y4- Narrow Gap Road

CONSTRUCTION PROGRESS

25%

07/2024

See Sheet 1A For Index of Sheets
See Sheet 1B For Symbols Sheet
See Sheet RW01 THRU RW08 For Survey Control Sheet

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
COLUMBUS COUNTY

LOCATION: US 74 AT SR 1506 (OLD BOARDMAN RD/
MACEDONIA CHURCH RD.)

TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-5797	1	
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
44997.1.1		PE	
44997.2.1	NHPP-0074(215)	ROWUTIL.	
44997.3.1		CONST.	

Project Details:

Work Begin: 11/2020

Est. Completion: 10/2024

Rev. Completion: 04/2025

Contractor: BMCO

NCDOT Contact: Jason A. Johnson

Contract: \$16,191,279

Project Comments:

Project is complete.

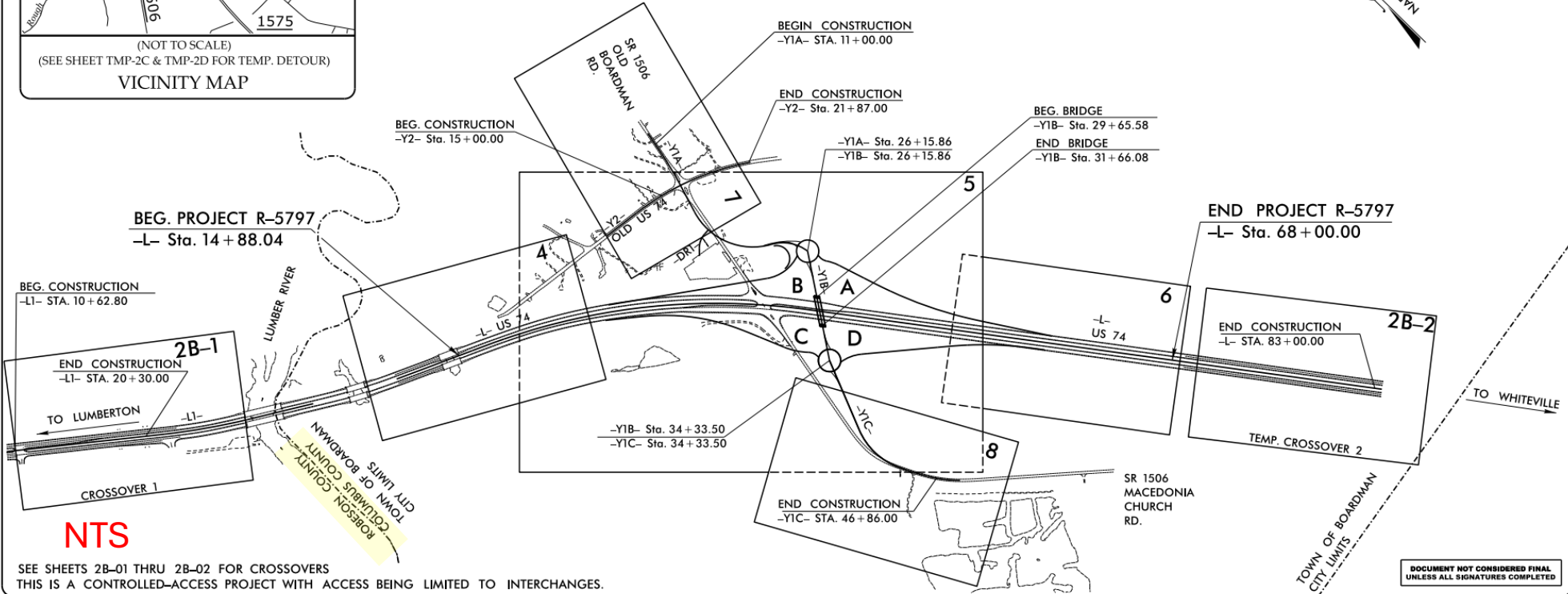
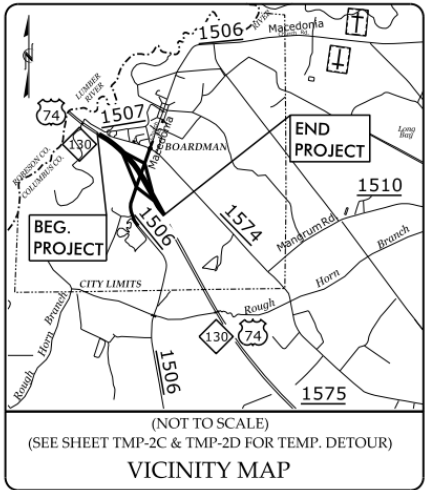
Roundabouts (RAB) are located at interchange ramps.

**CONSTRUCTION
PROGRESS**

100%

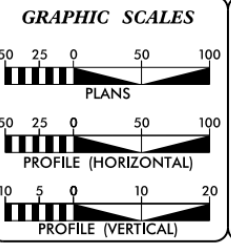
07/2024

CONTRACT: C204571 TIP PROJECT: R-5797



NTS

SEE SHEETS 2B-01 THRU 2B-02 FOR CROSSOVERS
THIS IS A CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES.



DESIGN DATA

ADT 2020 =	13,700
ADT 2040 =	20,110
K =	9 %
D =	55 %
T =	19 % *
V =	70 MPH
* TTST = 15% DUAL = 4%	
FUNC. CLASS = FUTURE INTERSTATE	

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT R-5797	=	1.006 MILES
TOTAL LENGTH TIP PROJECT R-5797	=	1.006 MILES

Prepared in the Office of:
WETHERILL ENGINEERING
1223 Jones Franklin Rd, Raleigh, N.C. 27606
License No. 14-0377
Bus: 919.851.8077 Fax: 919.851.8107

2018 STANDARD SPECIFICATIONS
RIGHT OF WAY DATE:
OCTOBER 31, 2018
LETTING DATE:
APRIL 20, 2021

Prepared for:
**DIVISION OF HIGHWAYS
DIVISION 6**
549 Transportation Drive
Fayetteville NC, 28301

GREG PURVIS, PE
PROJECT ENGINEER

ROBERT O'DELL, JR.
PROJECT DESIGN ENGINEER

**NCDOT CONTACT:
JOHN GAUTHIER**
DIVISION PROJECT MANAGER

HYDRAULICS ENGINEER
2/16/2021

ROADWAY DESIGN ENGINEER 2/16/2021

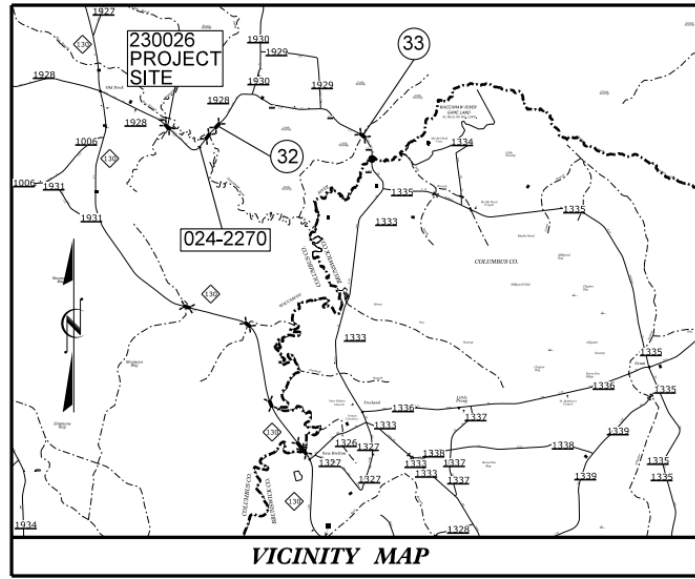


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PROJECT: HB-0011

CONTRACT: C204713

See Sheet 1-A For Index of Sheets



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
COLUMBUS COUNTY

LOCATION: BRIDGE# 230026 OVER GUM SWAMP RUN
ON SR 1928 (DOCK ROAD)

TYPE OF WORK: GRADING, DRAINAGE, PAVING & STRUCTURE

STATE	PROJECT REFERENCE NO.	SHEET	TOTAL SHEETS
N.C.	HB-0011	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
49872.3.1		PE	
49872.3.1		UTIL, RW	
49872.3.1		CONST.	

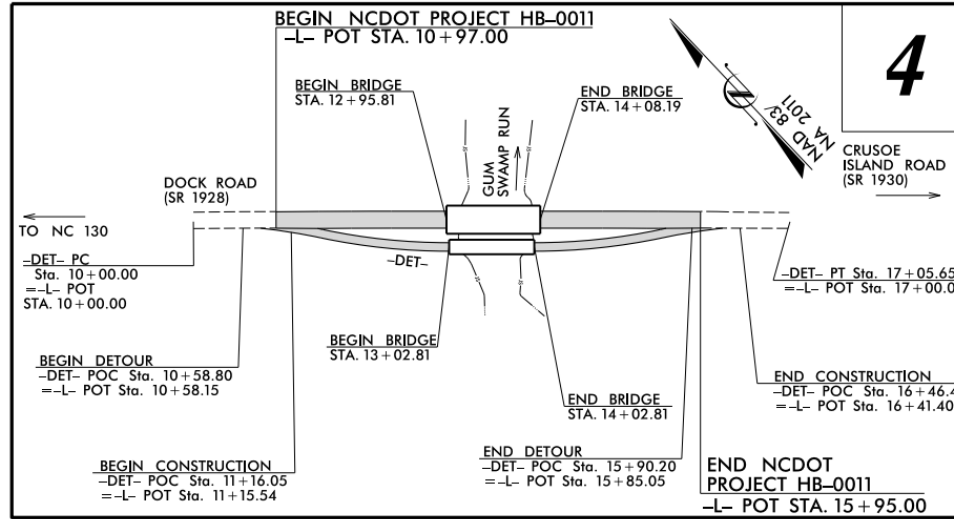


Project Details:

Work Begin: 05/2022
Est. Completion: 05/2024
Rev. Completion: 12/2024
Contractor: S & C Construction
NCDOT Contact: Jason A. Johnson
Contract: \$5,068,921*

Project Comments:

1 of 4 structures in the contract*
This bridge project is completed, except for final layer of asphalt.



BRIDGE# 230026

EXPRESS DESIGN BRIDGE REPLACEMENT: DIVISION 6

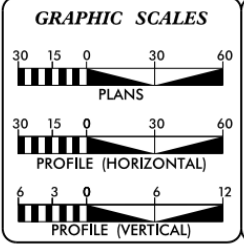
RFC PLANS

BRIDGE #: 230026
SUBMITTAL #: A-015R1
SUBMITTAL DATE: 9/7/22

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

RELEASE FOR CONSTRUCTION
DATE: 9/6/2022

NTS



DESIGN DATA

ADT 2022 = 880
ADT FY = N/A
DHV = N/A
D = N/A
T = 6 % *
V = 55 MPH
* (TTST = 3% + DUAL = 3%)
FUNC CLASS =
LOCAL REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY PROJECT HB-0011 = 0.073 MILES
LENGTH STRUCTURE PROJECT HB-0011 = 0.021 MILES
TOTAL LENGTH PROJECT HB-0011 = 0.094 MILES

NCDOT CONTACT: JESS EARLEY, PE
PRIORITY PROJECTS UNIT

Prepared for:
DIVISION OF HIGHWAYS
1000 BIRCH RIDGE DRIVE, RALEIGH, NC 27610

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: MARCH 15, 2022
LETTING DATE: MARCH 15, 2022

EDWARD G. WETHERILL, PE
PROJECT ENGINEER

GREG S. PURVIS, PE
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER
9/6/2022

ROADWAY DESIGN ENGINEER

9/6/2022



CONSTRUCTION PROGRESS

72%

07/2024

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

COLUMBUS COUNTY

LOCATION: BRIDGE# 230032 OVER OVERFLOW FOR WACCAMAW RIVER
ON SR 1928 (DOCK ROAD)

TYPE OF WORK: GRADING, DRAINAGE, PAVING & STRUCTURE

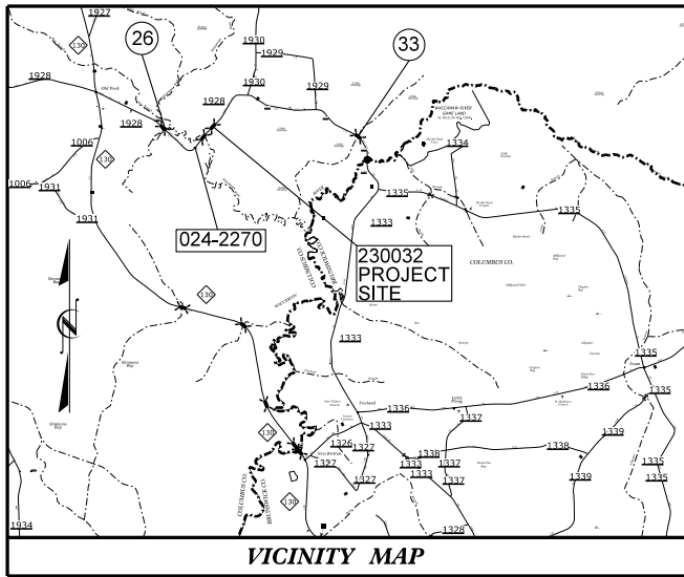
STATE	N.C.	STATE PROJECT REFERENCE NO.	HB-0012	SHEET NO.	1	TOTAL SHEETS	
STATE PROJ. NO.	49872.3.1	F.A. PROJ. NO.		DESCRIPTION	PE		
	49872.3.1				UTIL., R/W		
	49872.3.1				CONST.		



WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107

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

BRIDGE# 230032

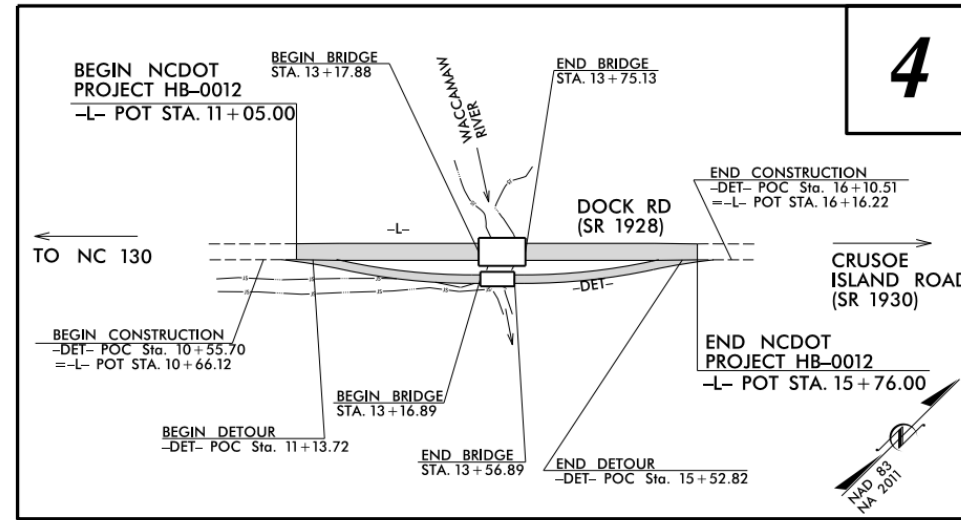


VICINITY MAP

EXPRESS DESIGN BRIDGE REPLACEMENT: DIVISION 6

RFC PLANS

BRIDGE #: 230032
SUBMITTAL #: B-008R1
SUBMITTAL DATE: 9/7/22



RELEASE FOR CONSTRUCTION
DATE: 9/6/2022

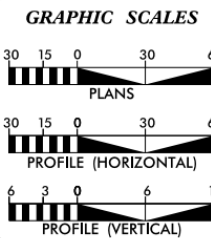
4

NTS

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

PROJECT: HB-0012

CONTRACT: C204713



DESIGN DATA

ADT 2022 = 880
ADT FY = N/A
DHV = N/A
D = N/A
T = 6 % *
V = 55 MPH
* (TTST = 3% + DUAL = 3%)
FUNC CLASS =
LOCAL REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY PROJECT HB-0012 = 0.079 MILES
LENGTH STRUCTURE PROJECT HB-0012 = 0.010 MILES
TOTAL LENGTH PROJECT HB-0012 = 0.089 MILES

NCDOT CONTACT: JESS EARLEY, PE
PRIORITY PROJECTS UNIT

Prepared for:
DIVISION OF HIGHWAYS
1000 BIRCH RIDGE DRIVE, RALEIGH, NC 27610

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: EDWARD G. WETHERILL, PE
MARCH 15, 2022
PROJECT ENGINEER

LETTING DATE: GREG S. PURVIS, PE
MARCH 15, 2022
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER
9/6/2022

ROADWAY DESIGN ENGINEER
9/6/2022

SEAL 26971
SEAL 022999



Project Details:

Work Begin: 05/2022
Est. Completion: 05/2024
Rev. Completion: 12/2024

Contractor: S & C Construction

NCDOT Contact: Jason A. Johnson

Contract: \$5,068,921*

Project Comments:

2 of 4 structures in the contract*

This bridge project is completed, except for final layer of asphalt.

CONSTRUCTION PROGRESS

72%

07/2024

PROJECT: HB-0013

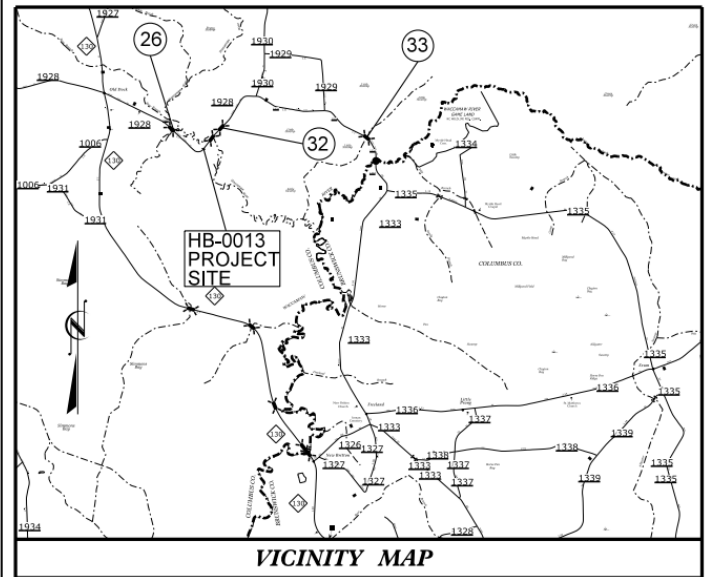
CONTRACT: C204713

See Sheet 1-A For Index of Sheets

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS COLUMBUS COUNTY

LOCATION: BRIDGE #230421 OVER OVERFLOW FOR WACCAMAW RIVER
FLOODPLAIN ON SR 1928 (DOCK ROAD)

TYPE OF WORK: GRADING, DRAINAGE, PAVING & STRUCTURE



VICINITY MAP

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HB-0013	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
49872.3.1		PE	
49872.3.1		UTIL, RW	
49872.3.1		CONST.	



WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107

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

BRIDGE # 230421

EXPRESS DESIGN BRIDGE REPLACEMENT: DIVISION 6

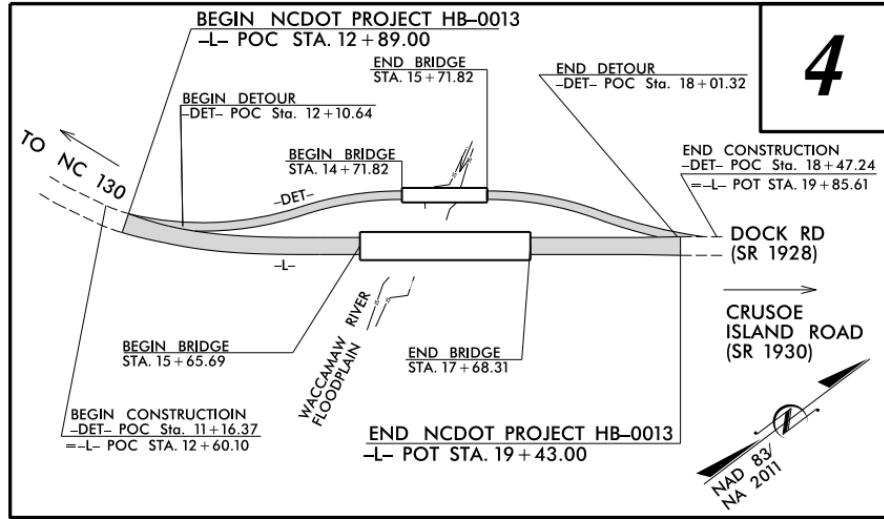
RFC PLANS

BRIDGE #: 2300421
SUBMITTAL #: C-006RI
SUBMITTAL DATE: 8/23/22

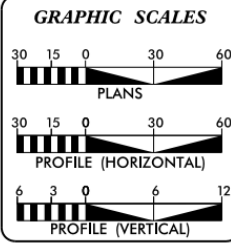
RELEASE FOR CONSTRUCTION
DATE: 9/6/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DESIGN EXCEPTION REQUIRED FOR THE HORIZONTAL ALIGNMENT (HORIZONTAL CURVE RADIUS AND HORIZONTAL STOPPING SIGHT DISTANCE)



NTS



DESIGN DATA

ADT 2022 = 880
ADT FY = N/A
DHV = N/A
D = N/A
T = 6 % *
V = 55 MPH
* (TTST = 3% + DUAL = 3%)
FUNC CLASS =
LOCAL REGIONAL TIER

PROJECT LENGTH

LENGTH ROADWAY PROJECT HB-0013 = 0.086 MILES
LENGTH STRUCTURE PROJECT HB-0013 = 0.038 MILES
TOTAL LENGTH PROJECT HB-0013 = 0.124 MILES

NCDOT CONTACT: JESS EARLEY, PE
PRIORITY PROJECTS UNIT

Prepared for:
DIVISION OF HIGHWAYS
1000 BIRCH RIDGE DRIVE, RALEIGH, NC 27610

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: MARCH 15, 2022
LETTING DATE: MARCH 15, 2022

EDWARD G. WETHERILL, PE
PROJECT ENGINEER

GREG S. PURVIS, PE
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER
9/6/2022

ROADWAY DESIGN ENGINEER
9/6/2022

SEAL 26971
SEAL 022999



Project Details:

Work Begin: 05/2022
Est. Completion: 05/2024
Rev. Completion: 12/2024

Contractor: S & C Construction

NCDOT Contact: Jason A. Johnson

Contract: \$5,068,921*

Project Comments:

3 of 4 structures in the contract*

This bridge project is under construction.

CONSTRUCTION PROGRESS

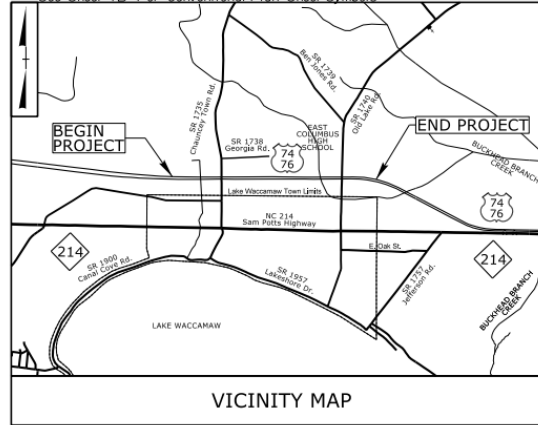
72%

07/2024

CONTRACT: R-5819/R-5820

TIP PROJECT: C204722

See Sheet 1A For Index of Sheets
See Sheet 1B For Conventional Plan Sheet Symbols

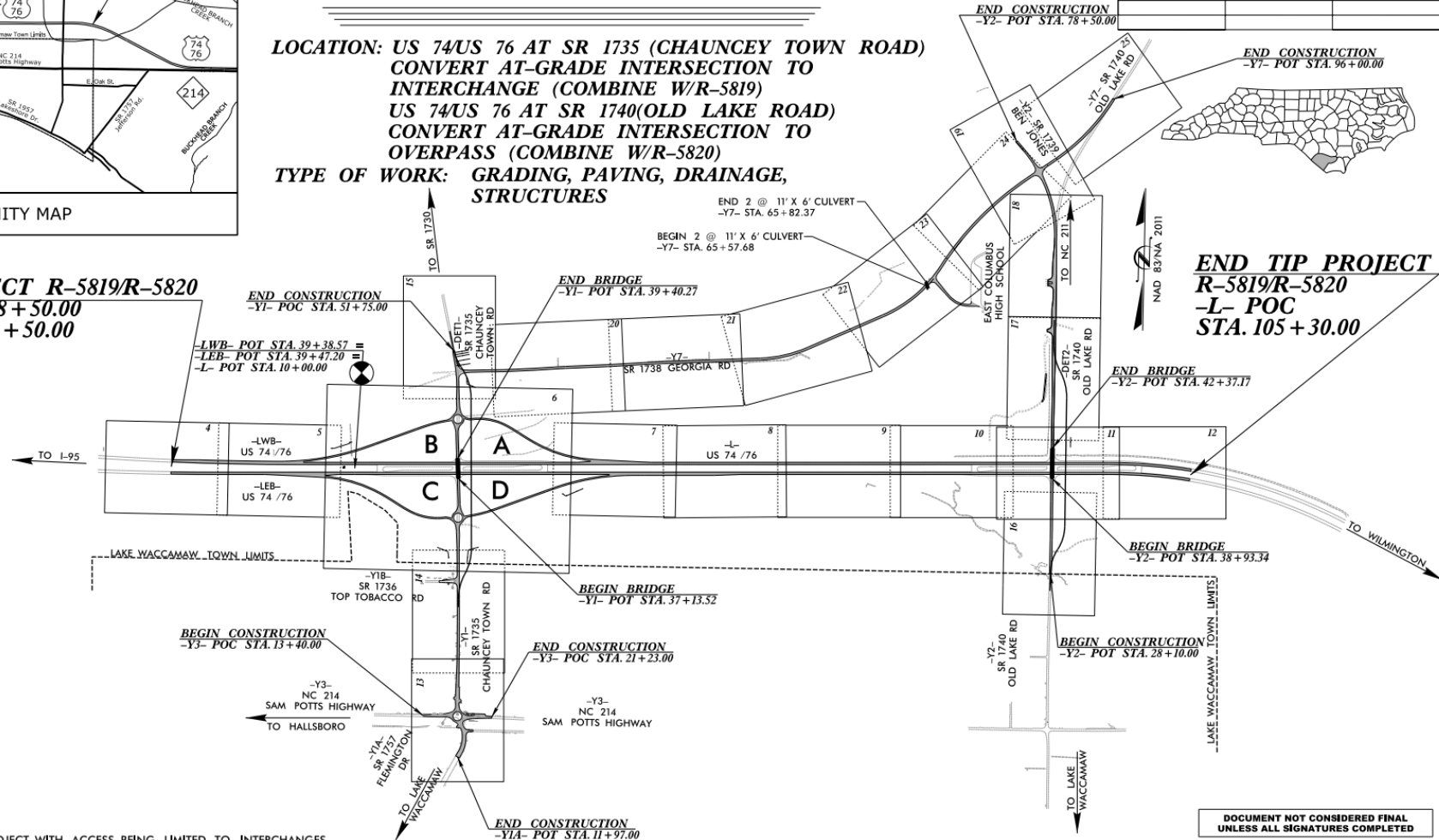


STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS COLUMBUS COUNTY

LOCATION: US 74/US 76 AT SR 1735 (CHAUNCEY TOWN ROAD)
CONVERT AT-GRADE INTERSECTION TO INTERCHANGE (COMBINE W/R-5819)
US 74/US 76 AT SR 1740(OLD LAKE ROAD)
CONVERT AT-GRADE INTERSECTION TO OVERPASS (COMBINE W/R-5820)
TYPE OF WORK: GRADING, PAVING, DRAINAGE, STRUCTURES

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	R-5819/R-5820	1	
STATE WEB NO.	F.A. PROJ. NO.	DESCRIPTION	
47091.1/47092.1.1		PE	
47092.2.1		ROW	
47092.2.2		UTIL	
47092.3.1		CONST	

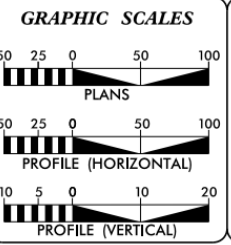
BEGIN TIP PROJECT R-5819/R-5820
-LWB- POC STA. 18+50.00
-LEB- POC STA. 18+50.00



END TIP PROJECT R-5819/R-5820
-L- POC STA. 105+30.00

NTS

NOTES:
1. THIS IS A CONTROLLED-ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES.



DESIGN DATA

ADT 2022 =	14,400
ADT 2042 =	18,000
K =	8 %
D =	55 %
T =	20 % *
V =	75 MPH
* 16% TTST + 4% DUAL	
FUNC CLASS=INTERSTATE STATEWIDE TIER	

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT R-5819/R-5820 =	2.202 MILES
TOTAL LENGTH TIP PROJECT R-5819/R-5820 =	2.202 MILES

Prepared in the Office of:
NIV5
FOR THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: MARCH 22, 2021

LETTING DATE: JUNE 21, 2022

JOHNNY BANKS -NIV5
PROJECT MANAGER

STEVE A. DRUM, PE -NIV5
PROJECT DESIGN ENGINEER

JOHN GAUTHIER -NCDOT
PROJECT MANAGER

HYDRAULICS ENGINEER

Developed by: *Brandon Barkan*
SIGNATURE: P.E. 4/13/2022

ROADWAY DESIGN ENGINEER

Developed by: *Steve Anthony Drum*
SIGNATURE: P.E. 4/13/2022



Project Details:

Work Begin: 08/2022

Est. Completion: 01/2026

Rev. Completion: N/A

Contractor: BMCO Construction

NCDOT Contact: Jason A. Johnson

Contract: \$44,098,712

Project Comments:

Bridge girders set on -Y1- SR 1735 (Chauncey Town Road) and -Y2- SR 1740 (Old Lake Road).

Ramp earthwork is complete. Ramp pavement is at 75%.

Chaunceytown Road widening and roundabout construction is underway.

Project is ahead of schedule.

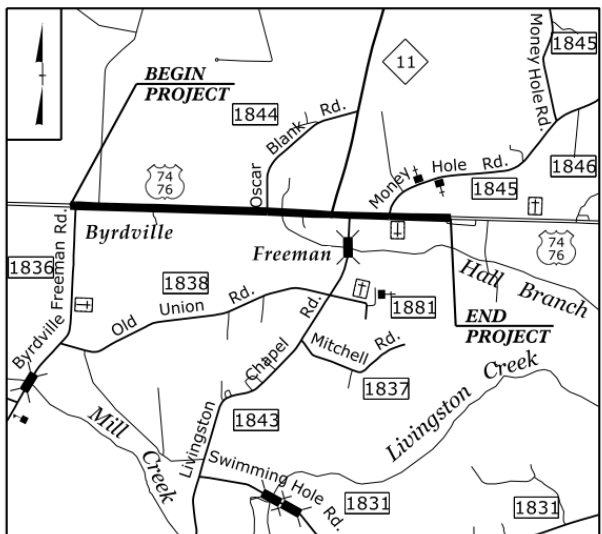
CONSTRUCTION PROGRESS

66%

07/2024

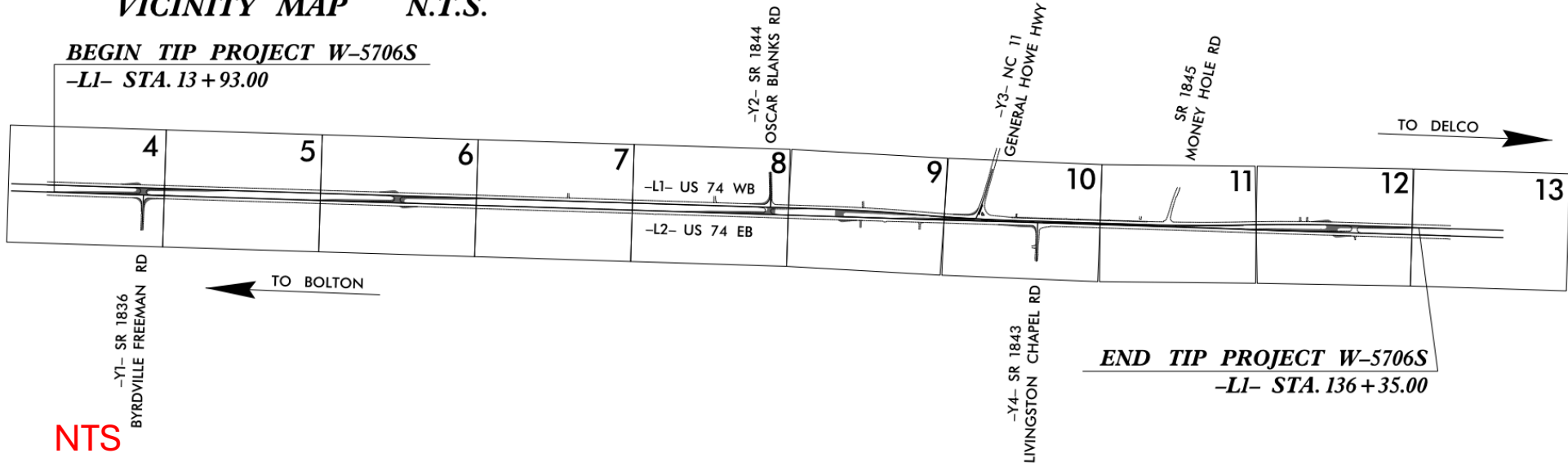
TIP PROJECT: W-5706S

CONTRACT: DF00404



VICINITY MAP N.T.S.

BEGIN TIP PROJECT W-5706S
-L1- STA. 13 + 93.00



NTS

END TIP PROJECT W-5706S
-L1- STA. 136 + 35.00

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

COLUMBUS COUNTY

LOCATION: US 74 FROM 150 FEET WEST OF SR 1836 (BYRDVILLE FREEMAN ROAD) TO 1800 FEET EAST OF SR 1845 (MONEY HOLE ROAD)
TYPE OF WORK: GRADING, PAVING, DRAINAGE, SIGNING, AND PAVEMENT MARKING

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5706S	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
44852.1.19	HSIP-0074(220)	PE	
44852.2.19	HSIP-0074(220)	ROW/UTIL	
44852.3.19	HSIP-0074(220)	CONST	

FINAL PLANS



Project Details:

Work Begin: 10/2022

Est. Completion: 09/2024

Rev. Completion: N/A

Contractor: Highland Paving

NCDOT Contact: Jason A. Johnson

Contract: \$3,530,030

Project Comments:

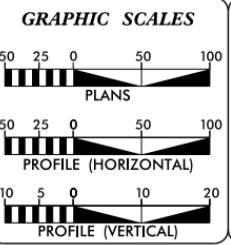
Project reduced conflicts at intersections along US 74.

Project has been completed.

**CONSTRUCTION
PROGRESS**

100%

07/2024



DESIGN DATA

ADT 2018 = 14,000

V = 55 MPH

FUNC CLASS = MAJOR ARTERIAL

PROJECT LENGTH

TOTAL LENGTH OF TIP PROJECT W-5706S = 2.319 MI

Prepared in the Office of:
DIVISION OF HIGHWAYS
431 Transportation Dr., Fayetteville NC, 28301

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: MARCH 20, 2020

LETTING DATE: JUNE 15, 2022

JOHN GAUTHIER
PROJECT ENGINEER

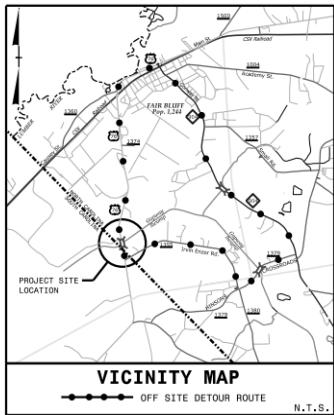
ALEX HENDERSON
PROJECT DESIGN ENGINEER



TIP PROJECT: BR-0073

CONTRACT: C204795

See Sheet 1A For Index of Sheets



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

COLUMBUS COUNTY

LOCATION: BRIDGE NO. 230005 ON US 76 OVER GAPWAY SWAMP

TYPE OF WORK: GRADING, DRAINAGE, PAVING, & STRUCTURE



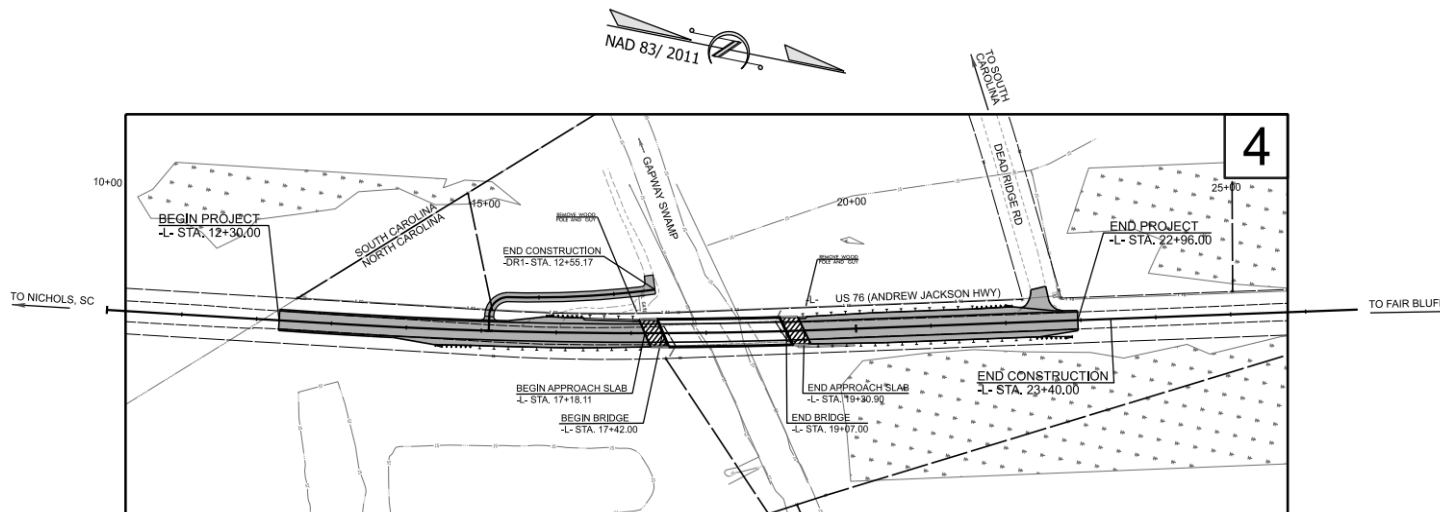
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BR-0073	11	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
67073.1.1		PE	
67073.2.1		R/W & UTIL.	
67073.3.1		CONST.	

Project Details:

Work Begin: 04/2023
 Est. Completion: 05/2023
 Rev. Completion: 01/2025
 Contractor: ES Wagner Company
 NCDOT Contact: Jason A. Johnson
 Contract: \$3,878,443

Project Comments:

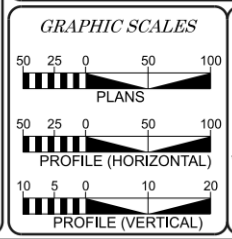
Final inspection was completed on June 12th.



NTS

THERE IS NO CONTROL OF ACCESS ON THIS PROJECT.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED.



DESIGN DATA

ADT 2023 = 1,057
ADT 2045 = 1,400
K = N/A
D = N/A
T = 9%*
V = 60 MPH
* TTST = 5% DUALS = 4%
FUNC CLASS =
PRINCIPAL ARTERIAL
STATEWIDE TIER

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT BR-0073	= 0.171 MILES
LENGTH STRUCTURES TIP PROJECT BR-0073	= 0.031 MILES
TOTAL LENGTH TIP PROJECT BR-0073	= 0.202 MILES

PLANS PREPARED BY:
 WSP
 434 FAYETTEVILLE ST. #1500
 RALEIGH, N.C. 27601
 NC ENG. LIC. #13133
 2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
 MAY 31, 2022

LETTING DATE:
 APRIL 18, 2023

PLANS PREPARED FOR:
 DIVISION OF HIGHWAYS
 STRUCTURES MGMT UNIT
 1000 BIRCH RIDGE DRIVE
 RALEIGH, NC 27619

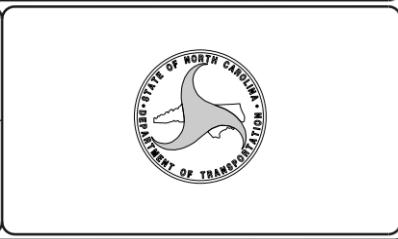
CHRISTOPHER H. LEE, PE
 PROJECT ENGINEER

DAVID STUTTS, PE
 NCDOT CONTACT
 PROJECT ENGINEER - PREPROGRAM MGMT

HYDRAULICS ENGINEER

SIGNATURE: _____
 ROADWAY DESIGN ENGINEER

SIGNATURE: _____
 P.E.



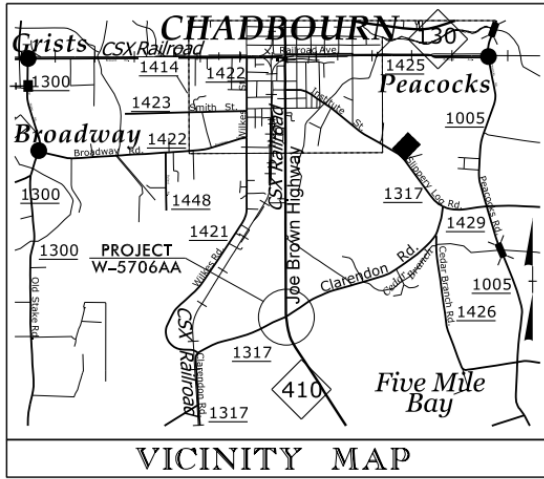
**CONSTRUCTION
PROGRESS**

100%

07/2024

CONTRACT: DF00409

TIP PROJECT: W-5706AA



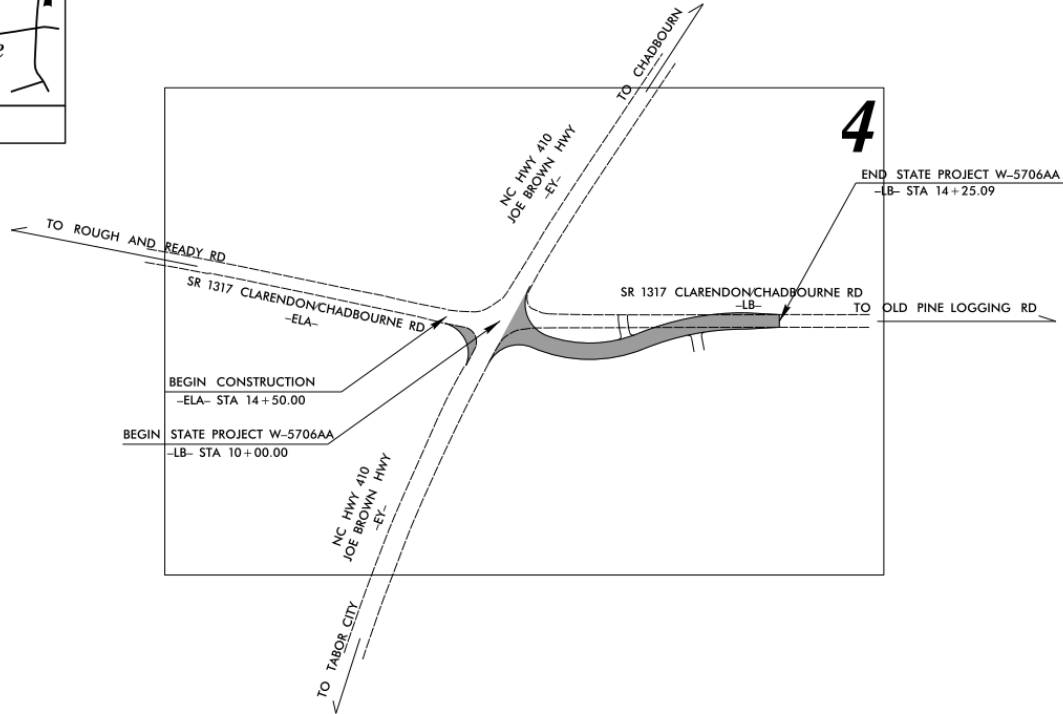
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

COLUMBUS COUNTY

LOCATION: NC 410 (JOE BROWN HIGHWAY)
AT SR 1317 (CLARENDONCHADBOURNE ROAD)
SOUTH OF CHADBOURN

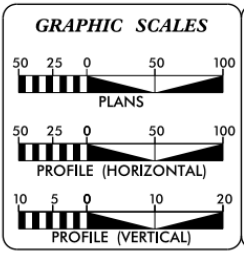
TYPE OF WORK: GRADING, PAVING, DRAINAGE
AND PAVEMENT MARKINGS

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5706AA	1	7
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
44852.1.28	0410007	P.E.	
44852.2.28	0410007	UTILITIES ROW	
44852.3.28	0410007	CONSTRUCTION	



NTS

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



DESIGN DATA

ADT 2022 = 710
ADT 2045 = 1,402

PROJECT LENGTH

TOTAL LENGTH OF STATE PROJECT W-5706AA = 0.052 MILES

Prepared in the Office of:
DIVISION OF HIGHWAYS
431 Transportation Drive, Fayetteville NC, 28301

2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: 8/3/2021	JOHN GAUTHIER PROJECT ENGINEER
LETTING DATE: 9/21/2022	CEDRICK GRAHAM PROJECT DESIGN ENGINEER



Project Details:

Work Begin: 10/2023

Est. Completion: 10/2023

Rev. Completion: 04/2024

Contractor: Highland Paving

NCDOT Contact: Jason A. Johnson

Contract: \$528,168

Project Comments:

Project experienced delays due to high water table.

Project should be completed within 2 weeks.

CONSTRUCTION PROGRESS

99%

07/2024

TIP PROJECT: HI-0015

CONTRACT: C204912

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

COLUMBUS COUNTY

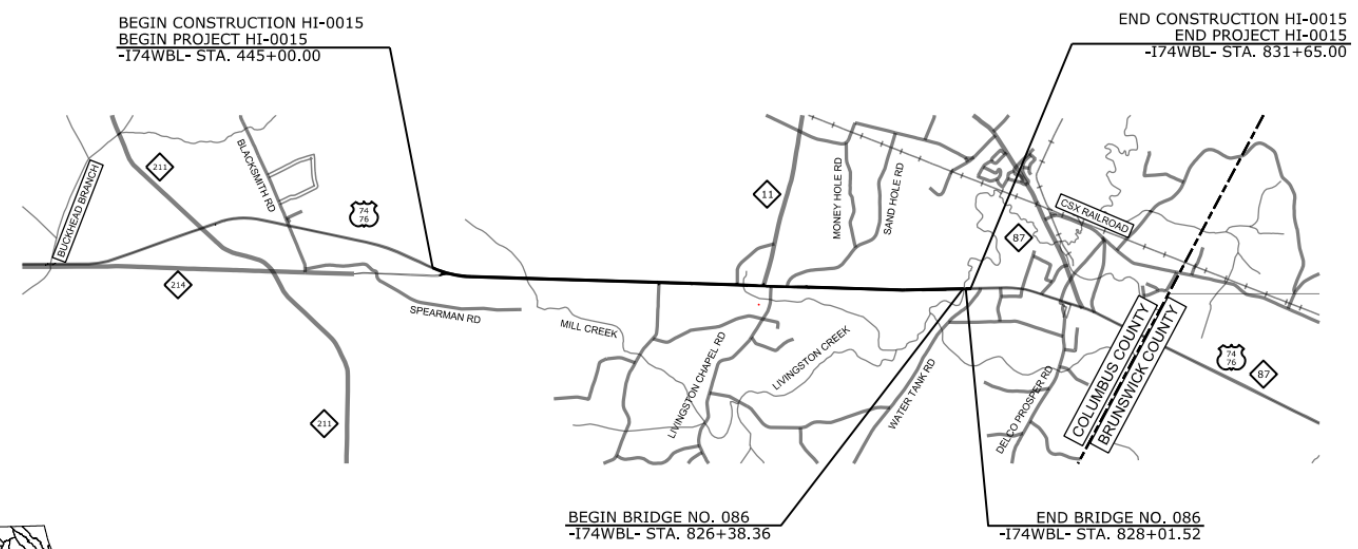
LOCATION: US 74 (FUTURE I-74) FROM WEST OF NC 214
TO WEST OF WATER TANK ROAD (SR 1824)

TYPE OF WORK: PAVEMENT & STRUCTURES REHABILITATION & DRAINAGE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	HI-0015	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
49986.1.1	0074245	PE	
49986.3.1	0074245	CONST	



VICINITY MAP
N.T.S.



Project Details:

Work Begin: N/A

Est. Completion: 10/2025

Rev. Completion: N/A

Contractor: S. T. Wooten

NCDOT Contact: Jason A. Johnson

Contract: \$8,742,876

Project Comments:

Bridge rehab work at Livingston Creek has begun.

Pavement rehabilitation work is scheduled to begin September.

**CONSTRUCTION
PROGRESS**

0%

07/2024

DESIGN DATA
AADT 2021 = 17,000
V = 60 MPH

PROJECT LENGTH
LENGTH ROADWAY TIP PROJECT HI-0015 WBL = 7.292 MI
LENGTH STRUCTURE TIP PROJECT HI-0015 WBL = 0.031 MI
TOTAL LENGTH OF TIP PROJECT HI-0015 WBL = 7.323 MI

Prepared for the Office of:
DIVISION OF HIGHWAYS
431 Transportation Dr, Fayetteville NC, 28301

2024 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
N/A

LETTING DATE:
FEBRUARY 20, 2024

ALEX HENDERSON
NCDOT CONTACT
PROJECT MANAGER

DOUGLAS SAUNDERS, PE
PROJECT ENGINEER

WILLIAM TILLITT, PE
PROJECT DESIGN ENGINEER

11/29/2023

DocuSigned by:
William E. Tillitt

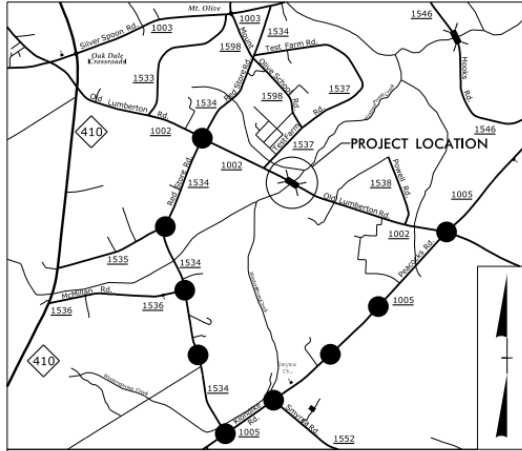
SIGNATURE: WILLIAM E. TILLITT, P.E.



CONTRACT: BP6.R004

CONTRACT: DF00464

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



VICINITY MAP

● DETOUR ROUTE

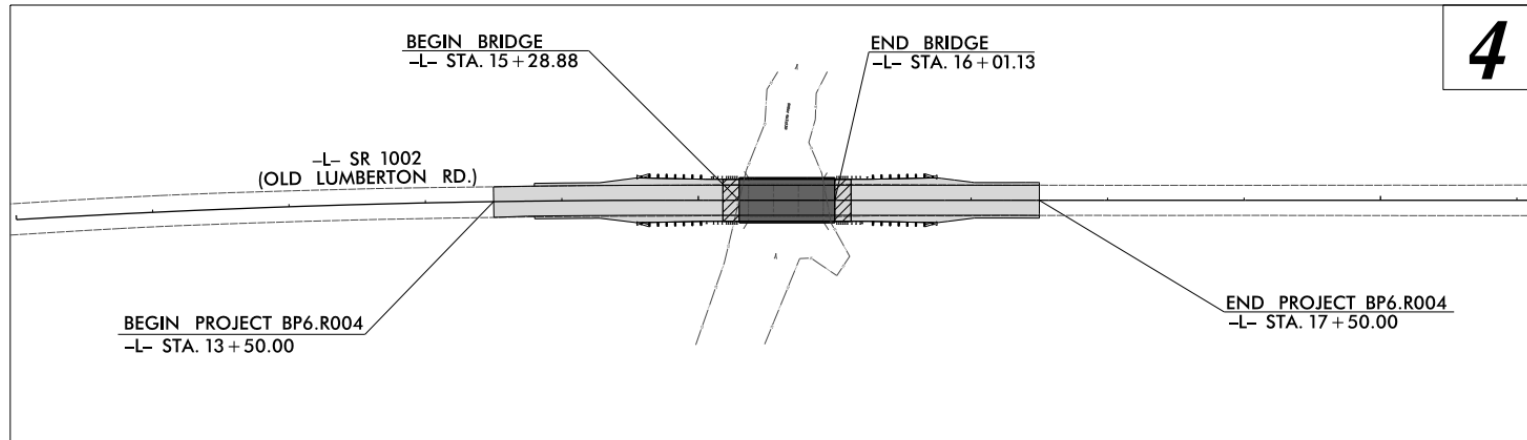
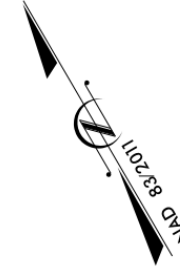
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

COLUMBUS COUNTY

LOCATION: BRIDGE NO. 230201 ON OLD LUMBERTON ROAD (SR 1002) OVER WESTERN PRONG CREEK.

TYPE OF WORK: GRADING, DRAINAGE, PAVING & STRUCTURE.

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	BP6.R004	1	
STATE PROJ. NO.	P.A. PROJ. NO.	DESCRIPTION	
BP6.R004.1	NA	PE	
BP6.R004.2	NA	ROW	
BP6.R004.3	NA	CONST.	



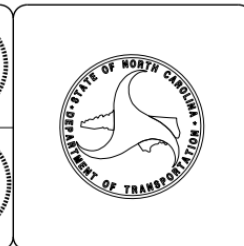
NTS

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UNLESS ALL SIGNATURES COMPLETED

<p>GRAPHIC SCALES</p> <p>20 10 0 20 40 PLANS</p> <p>20 10 0 20 40 PROFILE (HORIZONTAL)</p> <p>4 2 0 4 8 PROFILE (VERTICAL)</p>	<p>DESIGN DATA</p> <p>ADT 2022 = 2600 ADT 2025 = 5200 V = 60 MPH * TTST = 6% FUNC CLASS = MINOR COLLECTOR SUB-REGIONAL TIER</p>	<p>PROJECT LENGTH</p> <p>LENGTH ROADWAY PROJECT = 0.062 MILES LENGTH STRUCTURE PROJECT = 0.014 MILES TOTAL LENGTH PROJECT = 0.076 MILES</p>
<p>NC DOT CONTACT: ADAM BRITT DIV. 6 BRIDGE PROGRAM MANAGER</p>		<p>Prepared in the Office of: SUMMIT DESIGN AND ENGINEERING SERVICES 300 EXHIBITOR CT. HILLSBOROUGH, NC 27278-8651 Voice: (919) 732-3883 Fax: (919) 732-6776 www.summitde.com</p>

<p>2024 STANDARD SPECIFICATIONS</p> <p>RIGHT OF WAY DATE: JULY 1, 2022</p> <p>LETTING DATE: FEBRUARY 21, 2024</p>	<p>SPENCER W. MERRITT PROJECT ENGINEER</p> <p>FAITH E. JAHNKE, PE PROJECT DESIGN ENGINEER</p>
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<p>HYDRAULICS ENGINEER 1/16/2024</p> <p>Seal: 054713 P.E.</p>	<p>ROADWAY DESIGN ENGINEER 1/16/2024</p> <p>Seal: 046981 P.E.</p>
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Project Details:

Work Begin: 04/2024

Est. Completion: 03/2025

Rev. Completion: N/A

Contractor: TARA Group

NCDOT Contact: Jason A. Johnson

Contract: \$627,909

Project Comments:

Non-STIP Bridge Project (BP)
Contract awarded 02/28/24.

Road closed on 7/16/24 to begin construction.

CONSTRUCTION PROGRESS

0%

07/2024

Columbus County HMIP

- Active or Completed Preservation Since 1_1_2023
- Active or Completed Resurfacing Since 1_1_2023
- Preservation_2025
- Resurfacing_2025
- Resurfacing_2026
- Preservation_2027
- Resurfacing_2027
- Preservation_2028
- Resurfacing_2028
- Preservation_2029
- Resurfacing_2029
- Asphalt Rating Corridor
- Good
- Fair
- Poor

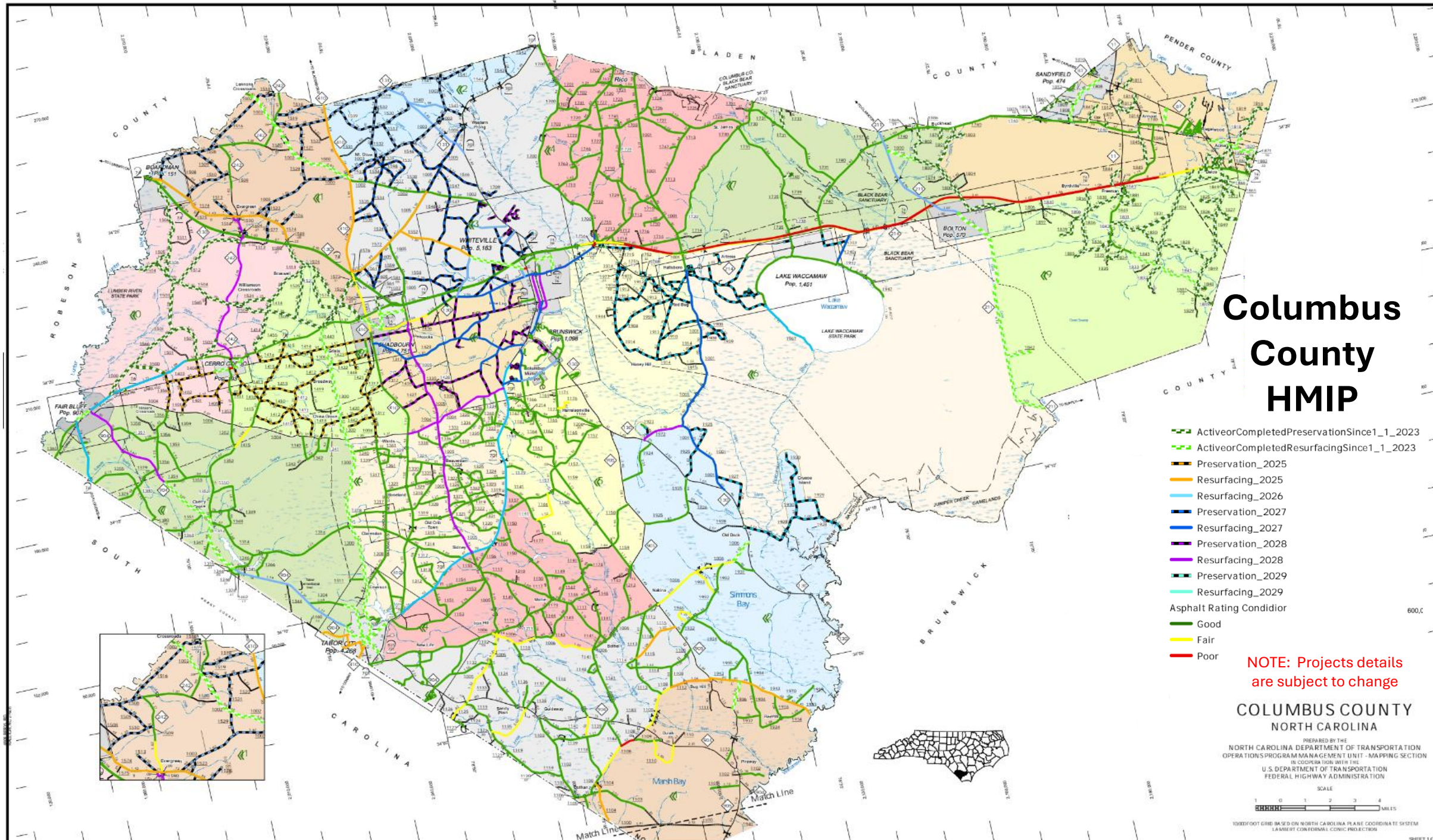
NOTE: Projects details are subject to change

COLUMBUS COUNTY NORTH CAROLINA

PREPARED BY THE
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
OPERATIONS PROGRAM MANAGEMENT UNIT - MAPPING SECTION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION



1000 FOOT GRID BASED ON NORTH CAROLINA PLANE COORDINATE SYSTEM
LARGEST CONFORMAL CONIC PROJECTION



NCDOT, Division 6 HMIP (Active)

Contract	Project	Contractor	Let	Completion	Progress	Project Cost	County
DF00434	AST (double seals & fog seal) along 37 SR's totaling 43.39 miles.	Riley Paving	06/2023	10/2024	100%	\$1,643,714	Columbus
DF00441	Concrete installations in Division 6 (curb ramps)	Morgan Trucking & GC	09/2023	10/2025	41%	\$2,530,730	Bladen, Cumberland, Harnett, & Robeson
DF00455	Resurfacing, widening & pavement markings on 3 routes totaling 5.94 miles	Highland Paving	11/2023	06/2025	27%	\$890,460	Bladen & Columbus
DF00456	Resurfacing, milling, & pavement marking along 2 routes totaling 1.82 miles	Barnhill	11/2023	06/2025	100%	\$369,733	Columbus
DF00466	AST (double & triple seals) on 20 SR's totaling 43.59 miles	Riley Paving	02/2024	09/2025	0%	\$1,385,522	Columbus
DF00467	Resurfacing, milling, & pavement markings along 9 routes totaling 11.84 miles.	Barnhill	02/2024	09/2025	50%	\$3,238,619	Columbus
DF00468	Resurfacing, milling, & pavement markings along 3 routes totaling 13.6 miles.	Highland Paving	02/2024	09/2025	0%	\$2,675,069	Columbus
DF00477	Permanent raised pavement marker installations on 1,244.14 miles of roadway	WL Markers Inc.	04/2024	11/2024	0%	\$333,702	Bladen, Columbus, Cumberland, Harnett, & Robeson
D6D3.PO C.027	On-call Hot Poured Rubber Asphalt Joint Sealer	TBD	07/2024	08/2024	0%	TBD	Bladen & Columbus



NCDOT, Division 6 - HMIP & Safety Projects (Future)

TIP/WBS	County	Project	R/W	Let	Est. Cost
HI-0018	Columbus	US 74 (Future I-74), from west of US 701 Business to west of NC 214 - Pavement Rehabilitation.	N/A	02/2025	\$33,200,000
HS-2406A	Columbus	NC 87, install rumble stripes, LLPM's and RPM's from MM 1.033 to MM 6.933.	N/A	02/2025	\$300,000
HS-2406G	Bladen, Columbus	US 701, install rumble stripes and LLPM for 10.38 miles (MM 19.97 to MM 30.35) in Columbus County and 12.91 miles in Bladen County (MM 2.57 to MM 15.48).	N/A	02/2025	\$1,000,000
HS-2406J	Columbus	NC 130 install rumble stripes and LLPM for 17.04 miles (MM 0 to MM 17.05); and NC 410 for 10.98 miles (MM 2.62 to MM 13.6)	N/A	02/2025	\$910,000
HS-2406I	Bladen, Columbus, Cumberland	Upgrade 60 guardrail end units in various counties.	N/A	03/2025	\$701,000
BP6-R008	Columbus	SR 1818 (Neils Eddy Road) – Replace bridge #271 over Mill Creek.	FY 2023	09/2025	\$1,180,000
HN-0023	Columbus	US 701 Bus. (Madison Street), SR 1916 (Lee Street) and SR 1953 (Franklin Street) – Construct roundabout to replace existing traffic signal.	FY 2025	02/2026	\$3,500,000
BP6-R013	Columbus	SR 1158 (Chair Factory Road) - Replace bridge #324 over Beaver Dam Swamp.	FY 2025	FY 2028	\$2,145,000
HI-0020	Columbus	US 74 (Future I-74), from Robeson County Line to west of SR 1585 (Union Valley Road) – Pavement Rehabilitation.	N/A	02/2029	\$15,300,000
HI-0019	Columbus	US 74 (Future I-74), from west of SR 1585 (Union Valley Road) to west of US 701 Business – Pavement Rehabilitation.	N/A	03/2029	\$5,700,000
HB-0009	Columbus	SR 1800 (Blacksmith Road) – Replace bridge #230250 over Ricefield Branch	FY 2029	01/2030	\$850,000



NCDOT, Division 6 - STIP Projects (Future)

TIP / WBS	County	Project	R/W	Let	Est. Cost
R-5020A	Columbus	US 701 Bypass, b/w south of SR 1166 (Pleasant Plains Road) and SR 1437 (Virgil Avenue) – Widen to multi-lanes (Whiteville area)	FY 2018	07/2029	\$54,300,000
R-2561B	Columbus	NC 87, from SR 1730 (Elwell Ferry Road) in Bladen Co. to NC 11 in Columbus Co. – widening to multi-lanes	TBD	TBD	\$126,500,000
R-2561C	Columbus	NC 87, from NC 11 to US 74 / US 76 – widen to multi-lanes	TBD	TBD	\$117,501,000
I-6011	Columbus	I-74 / US 74, from NC 41 near Lumberton to US 76 near Chadbourn – upgrade US 74 to interstate standards	TBD	TBD	\$175,845,000

NCDOT, Division 6 - LAP Projects (Future)

TIP / WBS	County	Project	R/W	Let	Est. Cost
BN-0006	Columbus	US 701 Business, from Jessie Street to Lynwood Norris Road – Construct Sidewalk	FY 2024	05/2027	\$250,000



Questions

GOVERNOR'S HIGHWAY SAFETY PROGRAM

Initiatives include:

- NC Vision Zero
- Click It or Ticket
- Booze It & Lose It
- BikeSafe NC
- Watch for Me NC
- Speed a Little,
Lose a Lot

Work Zones are **temporary**.
Actions behind the wheel can last **forever**.

Crashes in work zones
(2021)

- 29 fatalities
- 2,500 injuries
- 6,200 crashes

Source: NCDOT Traffic Management Unit

Speeding and distracted driving cause
OVER HALF
of all work zone crashes in North Carolina.



source: NCDOT

ITRE NC VISION ZERO

WORK
ZONE

SPEED
LIMIT
55

\$250
FINE