

**ORANGE COUNTY
ORANGE UNIFIED TRANSPORTATION BOARD
ACTION AGENDA ITEM ABSTRACT
Meeting Date: October 17, 2018**

**Action Agenda
Item No. 4.b.**

SUBJECT: Efland-Buckhorn-Mebane Access Management Plan Update

DEPARTMENT: Planning and Inspections

ATTACHMENT(S):

1. Planning Document Amendment Outline Form – Efland-Buckhorn-Mebane Access Management Plan
2. Draft Efland-Buckhorn-Mebane Access Management Plan

INFORMATION CONTACT:

Nishith Trivedi, Transportation Planner
(919) 245-2582
Tom Altieri, Comprehensive Planning Supervisor (919) 245-2579
Craig Benedict, Planning Director
(919) 245-2585

PURPOSE: To make a recommendation to the Board of County Commissioners (BOCC) on an update to the Efland-Buckhorn-Mebane Access Management Plan (E-B-M AMP).

BACKGROUND: On April 3, 2018 the BOCC authorized the Planning Department to update the adopted 2011 E-B-M AMP through the attached Amendment Outline Form ([Attachment 1](#)). This update is conducted through a comprehensive public involvement process which includes community input and recommendations from the Planning Board and Orange Unified Transportation Board (OUTBoard) as outlined in the form.

The E-B-M AMP is:

- A combination of the original adopted 2011 E-B-M AMP, 2017 Transportation Study and public comments.
- A long-range transportation vision for the area illustrating roadway alignment and corridor width necessary to serve future land uses and address traffic impact as development occurs.
- A plan that assists the County in promoting economic development through its development review process by encouraging developers to dedicate right-of-way necessary for future roads.

The E-B-M AMP is not:

- A proposal for, nor does it seek authorization for, funding right-of-way acquisition.
- A collection of future road design and construction projects, nor does it include a schedule.
- A guarantee that future development will occur or that roads will be built.

Summary and key highlights from the E-B-M AMP (Attachment 2):

Chapter 1 - Introduction – federal, state, and local regulations authorizing such plans including the process used in updating this plan.

- 2030 Orange County Comprehensive Plan Goals and Objectives.
- Traffic trend details in addition to the 2017 Transportation Study results.

Chapter 2 – Access Management Planning – Introduction of 2017 Transportation Study and recommendations for the planning area. This should be a focus area for review.

- Includes Volkert Inc., County staff and recently adopted Mebane 2040 Comprehensive Transportation Plan (June 2018).

Chapter 3 – Enforcement (aka Implementation) – lists the various resources, roles and responsibilities of state and local officials as well as property owners.

Chapter 4 – Appendix – 2011 E-B-M AMP, 2017 Transportation Study and remarks collected throughout the planning process.

- Contains survey results and specific comments provided by the public.

Public Involvement: - August 28, 2018

Planning staff conducted a community meeting at Gravelly Hill Middle School which an estimated 100 people attended. Following are highlights from the public discussion:

- Can you tell us about the infrastructure north of I-85 and Buckhorn Road mainly for several residents there that are not tied to any lines even though we are supposed to?
 - There is an agreement in place for that area's connection to Mebane's water and sewer. Coordination with the City of Mebane is needed with regard to its annexation policies.
- When will all these roads occur?
 - As development occurs. There is no set year when the network will be realized. Even since the 2011 E-B-M AMP, only one road, the one to Morinaga, has actually been constructed.
- What about US-70? What are the findings along that road and are there any recommendations for it?
 - Staff will be studying this corridor in more detail to determine what is most needed. It has been identified by NCDOT and the Durham-Chapel Hill-Carrboro Metropolitan (DCHC MPO) as a Strategic Freight Corridor. There are several intersections identified by staff that may require improvements to address the increasing traffic especially around Efland-Cedar Grove Road, I-85 connector, and Buckhorn Road.
- What are you planning around the Preston Loop (off W. Ten Rd.) area?
 - Nothing in the subdivision. There will be a 100-ft buffer between the residential area and the surrounding large parcels should any future development occur. We also want to make sure a road network through that development will be sufficient to address the increased traffic brought on by any new development.

Planning Board: - September 5, 2018

Planning Board began reviewing the Draft E-B-M AMP. Following are key highlights from its initial review:

- What is planned for the area, where will development occur, and will County take property for roads?
 - The AMP is similar to the Future Land Use Map; it expresses a vision, has no financial component, and is achieved over an indefinite time period.
 - The plan gives the County legal standing to request right-of-way dedication during the development review process. If development does not occur, neither do new roads.
- Who contracted the study (2017 Transportation Study)?
 - The County paid for the study and contracted it out to Volkert Inc.
- Does it include alternative transportation such as cyclists and pedestrians?
 - Yes, the 2017 Transportation Study recommended 3 of NCDOT's standard street cross sections. Each includes either a 5-foot sidewalk or wide paved shoulder or both.

OUTBoard Review: - September 19, 2018

The OUTBoard received the Draft E-B-M AMP and will provide its recommendations on October 17, 2018. Following are key highlights from its initial review.

- What about multimodal travel?
 - The recommended NCDOT approved standard street cross sections include either a sidewalk or wide paved shoulders. Some include both.
- Bicycle safety needs to be included in the scope of the project.
 - The street cross sections address Bicycle and Pedestrian safety by including 5-foot sidewalks and/or wide paved shoulders. The plan does not include specific road design/engineering but does accommodate sufficient right of way in several cases for future bicycle and pedestrian improvements.

Public notice of Planning Board and OUTBoard meeting

On September 20, 2018, approximately 1,009 notices were mailed to property owners in and within 1,000 feet of the planning area informing them of the October Planning Board and OUTBoard meetings.

Planning Director's Recommendation: The Planning Director recommends approval of the Efland-Buckhorn-Mebane Access Management Plan.

Planning Board Recommendation: - October 3, 2018

Planning Board recommended BOCC approve the E-B-M AMP with Planning Director's recommended revisions and the following additions:

- Provide more clarity on what the plan is and is not.
- Provide more information on how the plan meets Economic Development Objective 2.2 and 2.3 (Page 5 of Draft E-B-M AMP).
 - Include a street cross section with a bicyclist and cite NCDOT guidelines

FINANCIAL IMPACT: There is no immediate financial impact associated with this item.

RECOMMENDATION(S): Staff recommends the OUTBoard:

1. Complete its review and deliberate on the E-B-M AMP,
2. Consider the Planning Director and Planning Board's recommendation, and
3. Recommend the BOCC approve the E-B-M AMP.

PLANNING DOCUMENT AMENDMENT OUTLINE FORM

Efland-Buckhorn-Mebane Access Management Plan (E-B-M AMP) Update

A. AMENDMENT TYPE

Map Amendments

- Future Land Use Map
From:
To:
- Zoning Map
From:
To:
- Other:

Text Amendments

- Comprehensive Plan Text:
Section(s):

Other Amendments

- Type: E-B-M AMP Update

B. RATIONALE

1. Purpose/Mission

In order to better promote economic development opportunities and help preserve planned sewer and road capacities for all land uses within the E-B-M AMP planning area, the Planning Director is suggesting consideration of updates to the current Access Management Plan.

2. Analysis

Proposed Changes
Update to the E-B-M AMP. This update will utilize a 2017 Transportation Report for the Efland-Buckhorn-Mebane Study Area to renew and replace the original 2011 Efland-Buckhorn-Mebane Economic Development District Access Management Plan. In a few cases, it will also incorporate other road and intersection improvements recommended by planning staff. The final E-B-M AMP Update is scheduled for a Board of County Commissioners (BOCC) public hearing on November 1, 2018.

Background
The original Efland-Buckhorn-Mebane Access Management Plan was adopted November 15, 2011 and it implemented a recommendation of the Efland-Mebane Small Area Plan (2006). It also served as a tool for implementing aspects of the 2030 Comprehensive Plan (2008).

The original plan consisted of multiple access management strategies and was completed with limited on-site analysis. However, this plan was instrumental in gaining North Carolina Department of Transportation (NCDOT) acceptance and participation in roadwork improvements necessary to serve the Morinaga Candy Factory, which opened in 2016. Developments like this along with increased residential growth in Hillsborough and commercial expansion in Mebane, especially growth's impact on traffic, demonstrates the plan's importance.

A thorough existing conditions, environmental, and traffic analysis was conducted through an engineering-based transportation study by Volkert Inc., based in Raleigh, NC. This report reinforces the original Efland-Buckhorn-Mebane Access Management Plan with a comprehensive investigation of the area's development potential, traffic impact and recommended improvements.

The original Efland-Buckhorn-Mebane Access Management Plan should be updated by incorporating the latest transportation study recommendations.

3. New Statutes and Rules

N/A

C. PROCESS

1. TIMEFRAME/MILESTONES/DEADLINES

- a. BOCC Authorization to Proceed
- b. Planning Board Review:
- c. Public Hearing
- d. BOCC Updates/Checkpoints
- e. Other:

2. PUBLIC INVOLVEMENT PROGRAM

Mission/Scope: Planning staff held a Community Meeting on August 28, 2018 at Gravely Hill Middle School. Notices for the Community Meeting were mailed out to 747 property owners in and around the planning area. Notices were also mailed out to 1009 property owners in and around the planning area informing them of the October Planning Board and OUTBoard meetings. Notices will be mailed out again for the November 1, BOCC Public Hearing. A website was also created keeping the public

informed of the planning process and providing them a copy of the draft plan.

- a. Advisory Boards:
 - Orange Unified Transportation Board (OUTBoard)
 - September 19, 2018 Review/Comment
 - October 17, 2018 Recommendation

- b. Local Government Review:
 - City of Mebane attended the August 28, 2018 Community Meeting to answer questions and provide comments. They also provided comments on the draft plan. Their comments are included in Appendix C of the plan.

- c. Notice Requirements

- d. Outreach:
 - General Public: Community meeting, August 28, 2018, Gravely Hill Middle School, 4:30 – 6:30 pm, approximately 100 interested persons attended.
 - Small Area Plan Workgroup:
 - Other:

D. AMENDMENT IMPLICATIONS

Staff is proposing the update be approved as a whole so that the County can better promote this area to economic development prospects and help preserve planned sewer and road capacities for all uses within the designated planning area.

**ORANGE COUNTY
ORANGE UNIFIED TRANSPORTATION BOARD**

ACTION AGENDA ITEM ABSTRACT

Meeting Date: October 17, 2018

**Action Agenda
Item No. 4.c.**

SUBJECT: NC 54 West Corridor Study

DEPARTMENT: Planning and Inspections

ATTACHMENT(S):

INFORMATION CONTACT:

Nishith Trivedi, Transportation Planner,
245-2582

PURPOSE:

Receive a presentation on the NC-54 West Corridor Study from Orange County Transportation Planning staff and provide comments.

BACKGROUND: The NC-54 corridor study started September 2017 by Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) and North Carolina Department of Transportation (NCDOT). The study area spans from Old Fayetteville Road in Carrboro to the I-85/I-40 interchange in Graham. The final plan includes comprehensive analysis and identifies feasible improvements along the corridor. The study's final recommendations serve as feasible projects for consideration through future Strategic Prioritization of Transportation (SPOT) processes. These recommendations are about to be presented to DCHC MPO for consideration November 14, 2018. A draft plan is currently out for a public review period in accordance with DCHC MPO's [Public Involvement Policy](#).

Two 4 lane street cross-sections are recommended throughout NC-54 in the planning area.

- Assumed 150' max right-of-way with 12' travel lanes, 8' shoulders (6' paved), 17' to 23' median and 10' to 12' shared use path.
- Assumed 130' max right-of-way with 2' curb & gutter, 12' to 14' travel lanes, 10' to 23' median and 10' to 12' shared use path.

Roundabouts are recommended along NC-54 at:

- Alamance County - Wormranch Road and Mt. Willen Road/Salem Church Road
- Orange County - Mineral Springs Road and Morrow Mill Road

Pedestrian cross walks and turn lanes are recommended other intersections. Other general recommendations for all intersections (some of which can be deployed as relatively low-cost, short-range improvements) include:

- Provide pedestrian crossing treatments, such as crosswalks, signage, and signals, where appropriate
- Where warranted, provide turn lanes (especially left-turns) of adequate length should to accommodate typical vehicle queues
- Monitor and update signal timing and phasing as necessary to optimize efficiency

- Periodically assess unsignalized intersections to determine if traffic volumes, delay, or crash history warrant signalization
- Enhance lighting, pavement marking, and signage as needed to maintain visibility

The total overall cost for all projects identified in the corridor study is estimated at \$180 million. Projects would seek funding through future SPOT processes split over four phases:

- Phase 1 - \$43,200,000 - 2020-2030
 - Old Fayetteville Road to Dodson Crossroads
- Phase 2 - \$47,700,000 - 2025-2035
 - NC-119 to Wormranch Road and Dodson Crossroads to Morrow Mill Road
- Phase 3 - \$35,400,000 - 2035-2040
 - Wormranch Road to Mineral Springs Road
- Phase 4 - \$52,200,000 - 2040 and beyond
 - Mineral Springs Road to Morrow Mill Road

A copy of the draft study and supporting materials is available at www.nc54west.com/.

Public Involvement:

VHB conducted two rounds of public workshops in Graham City Hall, Rigmor House in Orange County and Carrboro Town Hall:

- January 2018 – presenting existing condition analysis and gathered input from the public about their issues, concerns and possible strategies to address them
- May 2018 – presented the recommendations and addressed remaining public questions, issues, and concerns.

A website (www.nc54west.com/) was created keeping the public involved in the study.

Carrboro Board of Alderman: - October 16, 2018

The Town of Carrboro provided the following comments at their most recent Board of Alderman meeting:

[INSERTED AFTER CARRBORO MEETING]

FINANCIAL IMPACT: There is no immediate financial impact associated with this item.

RECOMMENDATION(S): Staff recommends that the OUTBoard:

1. Receive the presentation,
2. Discuss as appropriate; and
3. Identify any comments the Board may have for staff to convey to BOCC and DCHC MPO

**ORANGE COUNTY
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ACTION AGENDA ITEM ABSTRACT

Meeting Date: October 17, 2018

**Action Agenda
Item No. 5.a.**

SUBJECT: Identification of Small Transportation Projects

DEPARTMENT: Planning and Inspections

ATTACHMENT(S):

INFORMATION CONTACTS:

Abigaile Pittman, Transportation/Land
Use Planner, 919-245-2567

Nish Trivedi, Transportation Planner,
919-245-2582

Tom Altieri, Comprehensive Planning
Supervisor, 919-245-2579

PURPOSE: Discussion of OUTBoard member assistance in the identification of North Carolina Department of Transportation (NCDOT) transportation project lists for small transportation projects.

BACKGROUND: Throughout each fiscal year opportunities may arise for Orange County to submit requests to fund small transportation projects to the North Carolina Department of Transportation (NCDOT). Potential funding sources for these projects include the 2018-2019 High Impact – Low Cost Project Program, the Resurfacing Program, and the Spot Safety Program. The Planning staff is requesting OUTBoard members to assist staff in developing such a potential project list by making note of and reporting needed small transportation improvements as you all travel county roads.

The turn-around time between NCDOT notification of requested projects or project review input, and the deadline for submission is typically very short and rarely allows sufficient time for full OUTBoard review and discussion. Developing potential project lists as an ongoing process will allow Orange County to have greater input in addressing the County's identification of small transportation projects.

A brief overview of the programs for potential funding sources follows.

High Impact – Low Cost Project Program - As part of Senate Bill 257, "Current Operations Appropriations Act of 2017", Section 34.7.(c) High Impact – Low Cost Projects, NCDOT was tasked to develop a quantitative, evidence-based formula to use in selecting projects to receive funding under this program. Funded projects may include intersection improvement projects, minor widening projects, and operational improvement projects. Projects are expected to be under contract within twelve months of funding approval by the Board of Transportation (BOT). Projects that require right-of-way acquisition or utility relocations are not good candidates for High-Impact – Low Cost program funds. As part of this formula, NCDOT developed twelve criteria to be used in the formula to identify candidate projects under this program. The criteria address:

- Traffic volume/AADT
- Number of traffic restrictions
- Accident rate
- Existing lane width
- Existing shoulder width
- Pavement condition score
- Stopping sight distance
- Intersection turning radius
- Level of Service (LOS) Improvement
- Non-Highway modal components included in project

The initial project funding of \$3.4 million for Division 7 is on a two-year cycle with FY 2019 being Year 2. Submissions for Year 2 will be requested in July/August 2019. NCDOT staff will evaluate all candidate projects to determine the highest scoring and most fiscally feasible. Projects with estimated costs greater than \$250,000 require a Resolution of Support from the Board of County Commissioners (BOCC). NCDOT does not yet have guidance about whether this specific funding source will continue beyond this initial two-year period, but they will keep submitted projects in their project files and evaluate when/if additional funding is allocated in the future.

Maintenance Resurfacing Program – Typically in the fall, the NCDOT provides an opportunity for Planning staff to comment on its upcoming maintenance resurfacing programs of the upcoming couple of years. As part of this process, NCDOT requests and considers input from local jurisdictions. Staff would appreciate hearing from OUTBoard members regarding roads that you think might need to be resurfaced, or that require any geometric or operational changes that should be considered, or anything else that you believe to be relevant. Examples of potential projects and appropriate comments under this program include adding or advancing the resurfacing of a particular road; geometric changes in the radius of an intersection; and the minor widening of shoulders at specific intersections or locations with limited visibility/sight distance to improve the safety of turning movements and/or improve safety for bicyclists. The adding of two-foot widened shoulders on the entire width of a road during a repaving project is not eligible under this funding source; and addressing ADA issues for transit bus stops is also not eligible.

Spot Safety Program – The Spot Safety Program is used to develop smaller improvement projects to address safety, potential safety, and operational issues. The program is funded with state funds and currently receives approximately \$9 million per state fiscal year. Other monetary sources (such as Small Construction or Contingency funds) can assist in funding Spot Safety projects; however, the maximum allowable contribution of Spot Safety funds per project is \$250,000. A Safety Oversight Committee (SOC) reviews and recommends Spot Safety projects to the NCDOT BOT approval and funding. Criteria used by the SOC to select projects for recommendation to the BOT include, but are not limited to, the frequency of correctable crashes, severity of crashes, delay, congestion, number of signal warrants met, effect on pedestrians and schools, division and region priorities, and public interest. Typical spot safety projects include new and upgraded traffic signals, turn lanes, curve improvements, warning devices, roadway appurtenances, and positive guidance improvements.

FINANCIAL IMPACT: There is no immediate financial impact associated with this item.

RECOMMENDATION(S): Staff recommends that the OUTBoard receive the information and provide input to staff on how frequently the Board would like an item on its agenda to brainstorm and identify potential projects that may fit well within the context of aforementioned programs. For example, this could be done annually, bi-annually, or quarterly.

NCDOT DIV 7 PROJECTS LOCATED IN DCHCMPO - UNDER DEVELOPMENT

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
SS-4907BS 44894.2.1 44894.3.1	Installation of traffic signal at the intersection of US70 and SR 1114 (Buckhorn Road) East of Mebane .	5/31/2017	Dec. 2018	\$40,500 R/W \$43,200 CON	Utility relocations complete, R/W acquisition pending, right of entry complete	Dawn McPherson
W-5707A 44853.1.1	Curb ramp improvements at the following intersections: SR 2048 (South Road) at Raleigh Street; SR 2048 (South Road) at Country Club Road, SR 1902 (Manning Drive) at Paul Hardin Drive, and SR 1902 (Manning Drive) at Ridge Road / Skipper Bowles Road in Chapel Hill	6/21/2018	Aug. 2018	\$80,000	Signal pedestrian improvements complete. Re-let and awarded to Little Mountain Builders of Catawba County, Inc.	Chad Reimakoski
R-5821B 47093.1.3 47093.2.3 47093.3.3	Intersection improvements at NC54 and SR 1006 (Orange Grove Road)	6/21/18	FY2019	\$820,000	Utilities complete, ROW certified, Project let and awarded to Fred Smith Company	Brian Ketner
U-5846 50236.1.1 50236.2.1 50236.3.1	Construct a roundabout at SR 1772 (Greensboro Street) and SR 1780 (Estes Drive) in Carrboro .	6/28/2018	FY 2020	\$775,000	Utility coordination underway, R/W certified with delay of entries, Project let and received no bids, Re-let TBD	Chad Reimakoski
U-5854 46382.1.1 46328.2.1 46382.3.1	Construct a roundabout at SR 1008 (Mt. Carmel Church Road) and SR 1913 (Bennett Road) in Chapel Hill	6/28/2018	FY 2020	\$775,000	Utility coordination underway, R/W certified, Project let and awarded to Carolina Sunrock, LLC	Chad Reimakoski
47798	Increase length of existing turn lane / slip ramp and improve existing radius in the SE quadrant of US 70 Business/ NC 86 at US 70 Bypass in Hillsborough	Dec. 2018	Jun. 2019	\$189,000	Planning and design activities underway - 25% plans under review	Chad Reimakoski
I-5822 50465.1.1 50465.3.1	Pavement Rehabilitation on I-40 from I-85 to East of SR 1734 (Erwin Road)	1/15/2019	FY 2020	\$12,450,000	Planning activities pending	Chris Smitherman
U-5847 50238.1.1 50238.2.1 50238.3.1	Intersection improvements at SR 1010 (West Franklin St.) and SR 1771 (Merritt Mill Rd)/SR1927 (Brewer Lane) in Chapel Hill / Carrboro .	1/17/2019	FY 2020	\$775,000	Planning and design activities underway	Chris Smitherman

NCDOT DIV 7 PROJECTS LOCATED IN DCHCMPO - UNDER DEVELOPMENT

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
B-4962 40174.1.1 40174.2.1 40174.3.1	Replace Bridge #46 over Eno river on US 70 Bypass	4/16/2019	FY 2021	\$5,826,000	Planning and Design activities underway, ROW acquisition underway	Kevin Fischer
W-5707C 44853.1.3 44853.3.3 47490	Revise pavement markings and overhead lane use signs for removal of inside lane drop configuration on I-40 Westbound in vicinity of US 15-501 interchange. Resurfacing I-40 WB by use of contingency funds	6/30/2019	Aug. 2019	\$395,000	Planning and design activities underway, re-let due to bids exceeded engineers estimate, new let date pending - tentative June 2019	Chad Reimakoski
P-5701 46395.1.1 46395.3.1	Construct Platform, Passenger Rail Station Building at Milepost 41.7 Norfolk Southern H-line in Hillsborough	6/30/2021	FY2022	\$7,200,000	PE funding scheduled 7/1/2020, Coordinate with U-5848	Matthew Simmons
R-5821A 47093.1.2 47093.2.2 47093.3.2	Construct operational improvements including Bicycle/Pedestrian accommodations on NC 54 from SR 1006 (Orange Grove Road) to SR 1107 /SR 1937 (Old Fayetteville Road).	6/21/2022	FY2024	\$3,924,000	Planning and design activities underway, coordinating with NC54 West Corridor Study	Jennifer Evans
U-5848 50237.1.1 50237.2.1 50237.3.1	Extend SR 1006 (Orange Grove Road) on new location with Sidewalks and bike lanes from existing SR 1006 (Orange Grove Road) to US 70 Business in Hillsborough .	3/21/2023	FY 2025	\$5,326,000	Planning and Design activities underway, Coordinate with P-5701 and U-5845	Laura Sutton
I-3306AC 34178.1.6 34178.2.5 434178.3.9	Interchange improvements at I-40 and NC86 in Chapel Hill	3/21/2023	FY 2025	\$16,500,000	Planning and Design activities underway	Laura Sutton
I-5959 45911.1.1 45911.3.1	Pavement Rehabilitation on I-85 from West of SR 1006 (Orange Grove Road) to Durham County line	11/21/2023	FY 2025	\$11,155,000	Funding approved 10/10/17	Chris Smitherman
I-5967 45917.1.1 45917.2.1 45917.3.1	Interchange improvements at I-85 and SR 1009 (South Churton Street) in Hillsborough	1/16/2024	FY 2027	\$20,700,000	Planning and Design activities underway	Laura Sutton

NCDOT DIV 7 PROJECTS LOCATED IN DCHCMPO - UNDER DEVELOPMENT

TIP/WBS #	Description	Let/Start Date	Completion Date	Cost	Status	Project Lead
U-5845 50235.1.1 50235.2.1 50235.3.1	Widen SR 1009 (South Churton Street) to multi-lanes from I-40 to Eno River in Hillsborough	1/16/2024	FY 2027	\$49,751,000	Planning and Design activities underway, Coordinate with U-5848 and I-5984	Laura Sutton
I-5984 47530.1.1 47530.2.1 47530.3.1	Interchange improvements at I-85 and NC 86 in Hillsborough	11/18/2025	FY 2027	\$16,488,000	Funding approved 10/10/17, Coordinate with U-5845 and I-5959	Laura Sutton
U-6071 47496.1.1 47496.2.1 47496.3.1	Intersection improvements at NC 54 and SR 1007 (Old Fayetteville Rd) in Carrboro	1/15/2026	FY 2027	\$1,216,000	Planning and design activities underway	Jennifer Evans



North Carolina Department of Transportation

Active Projects Under Construction - Orange Co.

<u>Contract Number</u>	<u>TIP Number</u>	<u>Location Description</u>	<u>Contractor Name</u>	<u>Resident Engineer</u>	<u>Contract Bid Amount</u>	<u>Availability Date</u>	<u>Completion Date</u>	<u>Work Start Date</u>	<u>Estimated Completion</u>	<u>Progress Schedule</u>	<u>Completion Percent</u>
C203640		REPLACEMENT OF 4 BRIDGES IN GUILFORD COUNTY AND 3 BRIDGES IN ORANGE COUNTY.	HAYMES BROTHERS, INC.	Lorenz, PE, Kris	\$3,124,500.00	06/01/2015	11/01/2017	09/02/2015	11/01/2017	93.20	86.93
C203641		REPLACEMENT OF 5 BRIDGES IN GUILFORD COUNTY AND 5 BRIDGES IN ORANGE COUNTY.	R.E. BURNS & SONS CO., INC.	Kirkman, PE, Christopher D	\$5,940,323.00	06/01/2015	11/01/2018	06/01/2015	08/31/2018	100.00	99.40
C203946	B-5348	REPLACE BRIDGE #85 OVER PHILS CRK ON SR-1005(OLD G'BORO RD)	DANE CONSTRUCTION INC	Kirkman, PE, Christopher D	\$984,596.98	02/01/2018	12/27/2018	02/01/2018	01/30/2019	72.00	75.40
C204025	I-5954	PAVEMENT REHAB ON I-40/I-85 FROM EAST OF NC-54 IN GRAHAM TO WEST OF SR-1114 (BUCKHORN RD) IN ORANGE CO.	APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION	Kirkman, PE, Christopher D	\$9,699,053.68						
DG00302	P-4405K	EXTEND BRYDSVILLE ROAD TO NC 86 AND REMOVE RAIL CROSSING	TRIANGLE GRADING & PAVING INC	Kirkman, PE, Christopher D	\$1,683,900.00	07/01/2016	12/30/2017	09/29/2016	10/31/2018	100.00	89.87
DG00321		SR 1004 (EFLAND-CEDAR GROVE RD)	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$1,711,133.05	04/02/2018	04/02/2019	04/02/2018	04/02/2019	25.00	49.86
DG00332	W-5601 IF	I-85 GUARDRAIL END TERMINAL UPGRADES	NICKELSTON INDUSTRIES INC	Kirkman, PE, Christopher D	\$494,243.00	12/05/2016	09/05/2017	05/01/2017	09/05/2018	100.00	100.00
DG00371		RESURFACE 9 SECONDARY ROADS	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$1,688,750.33	07/05/2017	11/01/2018	08/30/2017	11/01/2018	42.40	92.43
DG00372	R-5787B	ADA CURB RAMPS IN BURLINGTON, GIBSONVILLE, GRAHAM, MEBANE IN ALAMANCE CO., CARRBORO & CHAPEL HILL IN ORANGE CO.	ATLANTIC CONTRACTING COMPANY, INC.	Kirkman, PE, Christopher D	\$128,910.00	07/24/2017	03/28/2019	02/26/2018	03/28/2019	40.95	54.52
DG00391		REPLACE BRIDGE # 104 OVER STONEY CREEK ON SR 1712 (UNIVERSITY STATION RD)	R.E. BURNS & SONS CO., INC.	Kirkman, PE, Christopher D	\$561,562.02	01/30/2018	10/26/2018	03/01/2018	05/02/2019	49.28	60.02
DG00393		RESURFACE SR 1101, SR 1118, SR 1119, SR 1124, SR 1125, SR 1127, SR 1128 SR 1130, SR 1134, SR 1135, SR 1137, SR 1141, SR 1143, ETC.	RILEY PAVING INC	Kirkman, PE, Christopher D	\$1,084,520.40	04/02/2018	10/12/2018	06/18/2018	10/12/2018	24.00	25.98
DG00395		REPLACE BRIDGE #189 ON SR 1114 (BUCKHORN ROAD) OVER CANE CREEK	ST WOOTEN CORPORATION	Kirkman, PE, Christopher D	\$723,924.13	04/01/2018	01/01/2019	05/07/2018	02/07/2019	45.00	26.46
DG00413		RESURFACE US 70 BUS, SR 1009, SR 1102, SR 1129, SR 1239, SR 1352, SR 1716 AND SR 1841	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$3,562,232.66	05/28/2018	11/01/2019	05/29/2018	11/01/2019	23.00	24.53
DG00419		RESURFACE NC 86 AND 17 SECONDARY ROADS	CAROLINA SUNROCK LLC	Kirkman, PE, Christopher D	\$3,764,001.64	05/14/2018	11/01/2019	05/14/2018	11/01/2019	26.00	7.32
DG00427		BRIDGE #51 ON SR 1534 (MCKEE ROAD) OVER BUFFALO CREEK	NATIONAL BRIDGE BUILDERS LLC	Kirkman, PE, Christopher D	\$521,443.82	05/07/2018	03/04/2019				
DG00435		AST RETREATMENT ON 22 SECONDARY ROADS	WHITEHURST PAVING CO INC	Kirkman, PE, Christopher D	\$846,340.66	04/01/2019	10/11/2019				
DG00445	R-5787BB	INSTALLATION OF ADA COMPLIANT CURB RAMPS AT VARIOUS INTERSECTIONS	LITTLE MOUNTAIN BUILDERS OF CATAWBA COUNTY INC	Kirkman, PE, Christopher D	\$319,319.80	06/25/2018	02/15/2020				



North Carolina Department of Transportation

Active Projects Under Construction - Orange Co.

<u>Contract Number</u>	<u>TIP Number</u>	<u>Location Description</u>	<u>Contractor Name</u>	<u>Resident Engineer</u>	<u>Contract Bid Amount</u>	<u>Availability Date</u>	<u>Completion Date</u>	<u>Work Start Date</u>	<u>Estimated Completion</u>	<u>Progress Schedule</u>	<u>Completion Percent</u>
DG00445	W-5707A	INSTALLATION OF ADA COMPLIANT CURB RAMPS AT VARIOUS INTERSECTIONS	LITTLE MOUNTAIN BUILDERS OF CATAWBA COUNTY INC	Kirkman, PE, Christopher D	\$319,319.80	06/25/2018	02/15/2020				