



PROJECT STATUS SHEET

PROJECT DESCRIPTION

The purpose of the project is to extend Morrisville Parkway and construct an interchange with Triangle Expressway (Toll NC 540) in Wake County to provide increased connectivity and access. Planning and Design are being managed by the Town of Cary in coordination with NCDOT. Project has been let to contract by NCDOT. NCTA is participating in funding for U-5315B (interchange) only.

P & D: RK&K

DESIGN: RK&K

CONTRACTOR: BARNHILL

** see page 2 for further information

IMPORTANT FACTS

Construction Start: January 2018

Projected NCTA Cost: \$15.5M (U-5315B)

Open to Traffic: November 2019 – Bridge

Type of Tolling: Fixed tolls

February 2020 – Interchange

August 2020 – Mainline Tolling

KEY NCTA ACTIVITIES

Listed below are key activities being conducted by NCTA in the next three months in order to complete the project.

PLANNING/DESIGN/CONSTRUCTION

- Complete plans for landscaping, procure (through Division 5) and implement

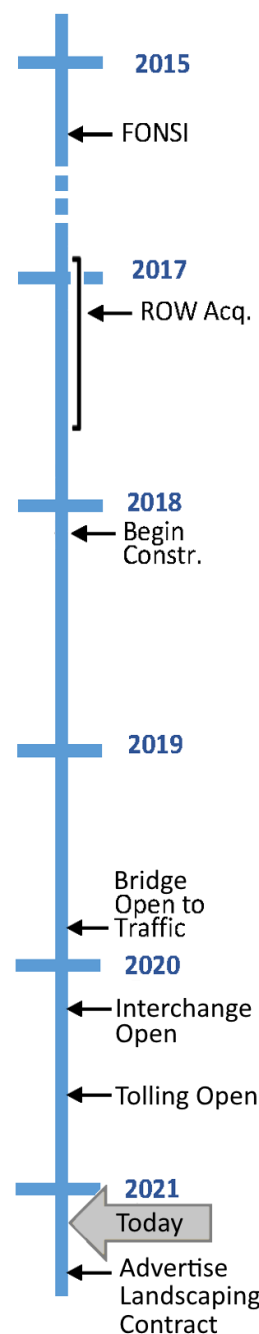
FINANCE

- No activities anticipated

ALL-ELECTRONIC TOLLING

- Continue to refine subsystems related to toll vendors:
 - Intelligent Transportation Systems (ITS)
 - Roadside Toll Collection System (RTCS)
 - Back Office System (BOS)
 - Electronic Toll Collection System (ETCS)
 - Toll Operations (OPS)

PROJECT DELIVERY



PROJECT STATUS SHEET

Additional P & D Subconsultants:

- **EA & FONSI – VHB**
- **GEOTECHNICAL – FALCON**
- **USACE 404 PERMIT: URS (now AECOM)**
- **ROW ACQUISITION – RIGHT OF WAY CONSULTANTS**
- **SURVEYS, PLATS, LEGAL DESCRIPTIONS – ESP**

Additional consultants:

- **CEI – KCI, SEPI, SUMMIT, LOUIS BERGER, CALYX (now NV5)**

Contractor Subconsultants:

- **ITS AND SIGNING – T&H ELECTRIC**
- **CONCRETE PAVING – CERTIFIED CONCRETE CONSTRUCTION**
- **AESTHETIC GANTRIES AND SIGN STRUCTURES – SANFORD CONTRACTORS**
- **ROADWAY LIGHTING – COLTER ELECTRIC**
- **AET INFRASTRUCTURE – CALLIS CONTRACTORS**
- **WATERLINE INSTALLATION – CORBETT CONTRACTING**

Toll integration:

- **TOLLING – KAPSCH**
 - **ELECTRICAL – BBH**
 - **MAINTENANCE OF TRAFFIC – STAY ALERT**
 - **ENGINEERING – GANNETT FLEMING**
 - **TOLL/ITS CEI – WSP**
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PROJECT STATUS SHEET

PROJECT DESCRIPTION

The purpose of this project is to provide a reliable travel time option by constructing one Express Lane in each direction on I-485 (Charlotte Outer Loop) from I-77 to US 74 (Independence Boulevard), for approximately 17 miles, and other improvements.

CONTRACTOR: BLYTHE CONSTRUCTION

LEAD DESIGNER: WSP

TRAFFIC & REVENUE: STANTEC

** see page 2 for further information

IMPORTANT FACTS

Contract Award: October 2018

Projected Cost: \$346M (as bid)

Type of Tolling: Express Lanes

Express Lanes Open to Traffic: End of 2022

KEY NCTA ACTIVITIES

Listed below are key activities being conducted by NCTA in the next six months in order to bring the project online.

PLANNING, DESIGN, CONSTRUCTION

- Coordination ongoing with Design-Build Unit, CRTPO and municipal partners, and Division 10 as needed
- Review design plan and construction submittals for ITS, Tolling, Signing, and Pavement Marking, as needed
- Prepare for toll equipment integration; current Request for Proposals suspended awaiting updated construction schedule

FINANCE

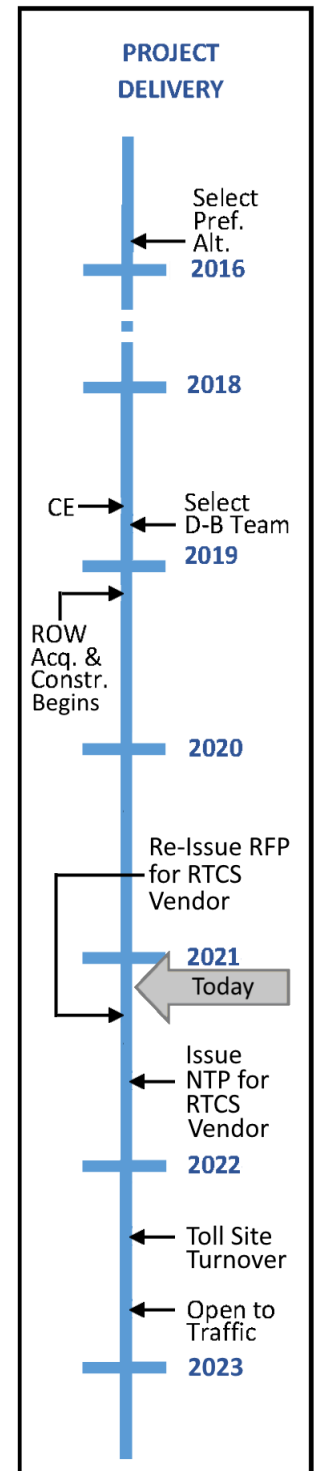
- Complete Operations & Maintenance Model

ALL-ELECTRONIC TOLLING

- Continue planning for Toll Collection System (TCS) contracts
- Plan for and execute re-advertised Roadside TCS vendor procurement

OPERATIONS

- Prepare for Express Lane Operations by coordinating with NCDOT Division 10 and local transportation management centers



PROJECT STATUS SHEET

P & D Consultants:

- LEAD – **RS&H**
- TRAFFIC ANALYSIS – **RS&H**
- AIR QUALITY ANALYSIS – **VHB**
- NATURAL RESOURCES – **ENVIRONMENTAL SERVICES, INC.**
- TRAFFIC FORECAST – **CLEARBOX**
- TRAFFIC OPERATIONS ANALYSIS – **PATRIOT ENGINEERING**

Design-Build Scope & Concept Preparation:

- SIGNING – **HNTB**
- ITS & AET – **ATKINS**

Design-Build Team:

- GEOTECH – **TERRACON**
- ITS, ROADWAY, STRUCTURES DESIGN – **DRMP**
- ITS AND AET CONSTRUCTOR - **TCD**
- RIGHT OF WAY ACQUISITION – **TELICS**
- UTILITY COORDINATION – **UCC**
- MOT, SIGNING & PAVEMENT MARKING – **PROGRESSIVE DESIGN GROUP**

Representing Division 10:

- CONSTRUCTION ENGINEERING & INSPECTION – **SEPI, SUMMIT, RK&K, CECS**
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PROJECT STATUS SHEET

PROJECT DESCRIPTION

The proposed “Complete 540” project, also known as the Southeast Extension, would extend the Triangle Expressway from the NC 55 Bypass in Apex to the US 64/US 264 Bypass (I-87) in Knightdale, completing the 540 Outer Loop around the greater Raleigh area. Phase 1 is under construction to extend Triangle Expressway by 17.8 miles between NC 55 Bypass and I-40.

P & D: LOCHNER **

TRAFFIC ANALYSIS: HNTB

TRAFFIC & REVENUE: CDM SMITH

** see page 2 for further information

IMPORTANT FACTS

Construction Began: late 2019/early 2020 Projected Cost: \$1.3B
Open to Traffic: 2023 Type of Tolling: Fixed tolls

KEY NCTA ACTIVITIES

Listed below are key activities being conducted by NCTA in the next six months in order to bring the project online.

PLANNING/DESIGN/CONSTRUCTION

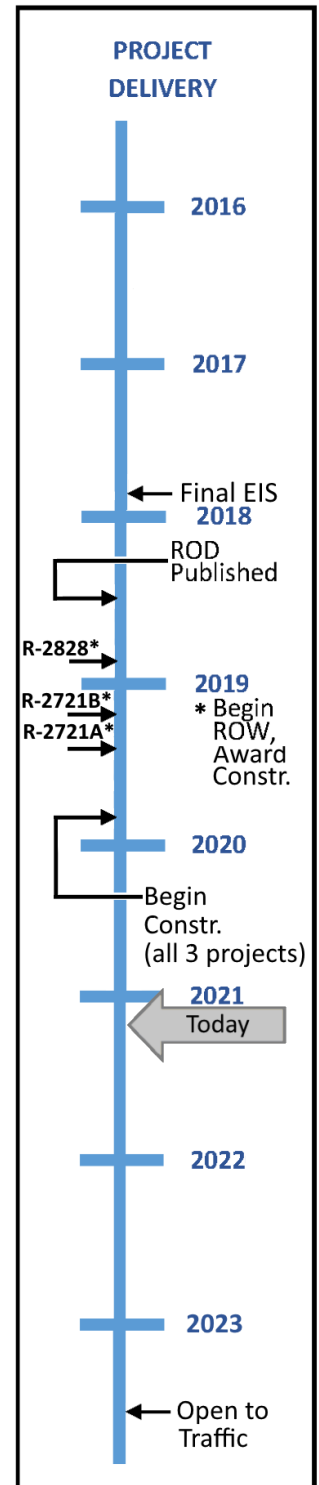
- Review and respond to Design-Build Teams’ design submittals
- Continuing right-of-way acquisition
- Continuing utility relocations
- Coordinating with construction teams and Division 5
- Complete Quarterly Construction Progress Reports
- Hold fourth Dispute Review Board meetings

FINANCE

- Traffic & Revenue (T&R) Study Update Completed by CDM Smith
- Closed on TIFIA Bond Anticipation Notes in October 2020
- Submitted Letter of Interest to the Build America Bureau seeking an interest rate reset on the December 2019 TIFIA loan; anticipate closing in March 2021
- Monitoring expenditures
- Completing financial reporting requirements

ALL-ELECTRONIC TOLLING

- Continue project activities with selected vendor for the Roadside Toll Collection System (RTCS)



PROJECT STATUS SHEET

Additional P & D Subconsultants:

- **BRANDING & LEP SERVICES – SPRINGBOARD/EYDO** (no longer in business)
- **NATURAL SYSTEMS & HYDROLOGY (PRELIMINARY) – MULKEY** (now NV5)
- **MUSSEL SPECIES – CATENA** (now THREE OAKS)
- **HISTORIC ARCHITECTURE – MATTSON, ALEXANDER & ASSOCIATES**
- **UTILITIES – HINDE ENGINEERING**
- **RIGHT OF WAY (DEIS) – HDR**
- **QUANTITATIVE ICE – BAKER**
- **BIOLOGICAL ASSESSMENT T&E SPECIES – THREE OAKS**
- **ARCHAEOLOGY – COASTAL CAROLINA RESEARCH** (now COMMONWEALTH HERITAGE GROUP)
- **RIGHT OF WAY (FEIS) – CAROLINA LAND ACQUISITION**
- **PLAN OF FINANCE – PFM**

Subconsultants for permits, hydrology, and right of way plans:

- **HYDROLOGY – SUNGATE DESIGN GROUP**
- **HYDROLOGY – ECOLOGICAL ENGINEERING**
- **PERMITS – ECOLOGICAL AND/OR SUNGATE**

NCTA Advisors and Vendors:

- **PROJECT DELIVERY – DAWSON & ASSOCS.**
- **ROADSIDE AET SYSTEM – KAPSCH**

R-2828 Design-Build Team:

- **CONSTRUCTOR JOINT VENTURE– LANE CONSTRUCTION CORP., BLYTHE CONSTRUCTORS, INC.**
- **LEAD DESIGNER – WSP**
- **GEOTECH – TERRACON**
- **ITS, SURVEY – DRMP**
- **ITS AND AET CONSTRUCTOR - TCD**
- **RIGHT OF WAY ACQUISITION – AAG**
- **UTILITY COORDINATION – TELICS**
- **STRUCTURE DESIGN – WETHERILL**
- **PERMITTING & ENVIRONMENTAL - THREE OAKS**

R-2721B Design-Build Team:

- **CONSTRUCTOR JOINT VENTURE– FLATIRON CONSTRUCTORS INC., BRANCH CIVIL INC.**
- **LEAD DESIGNER – HDR ENGINEERING INC. OF THE CAROLINAS**
- **GEOTECH – HDR ENGINEERING INC. OF THE CAROLINAS**
- **ITS – HDR ENGINEERING INC. OF THE CAROLINAS**
- **ITS AND AET CONSTRUCTOR – TO BE DETERMINED**
- **UTILITY COORDINATION – HDR ENGINEERING INC. OF THE CAROLINAS, SO-DEEP**
- **STRUCTURE DESIGN – HDR ENGINEERING INC. OF THE CAROLINAS, SIMPSON ENGINEERS & ASSOCIATES, PC**
- **PERMITTING & ENVIRONMENTAL - HDR ENGINEERING INC. OF THE CAROLINAS**

R-2721A Design-Build Team:

- **CONSTRUCTOR JOINT VENTURE– FLATIRON CONSTRUCTORS INC., BRANCH CIVIL INC.**
- **LEAD DESIGNER – GANNETT FLEMING, INC.**
- **GEOTECH – KLEINFELDER, INC.**
- **ITS – GANNETT FLEMING, INC.**
- **ITS AND AET CONSTRUCTOR - TO BE DETERMINED**
- **UTILITY COORDINATION – KCI ASSOCIATES OF NORTH CAROLINA, PA**
- **STRUCTURE DESIGN – GANNETT FLEMING, INC., KCI ASSOCIATES OF NORTH CAROLINA, PA, SIMPSON ENGINEERS & ASSOCIATES, INC.**
- **PERMITTING & ENVIRONMENTAL - MOFFATT & NICHOL, INC.**

Representing Division 5:

- **CONSTRUCTION ENGINEERING & INSPECTION – SUMMIT**

PROJECT STATUS SHEET

PROJECT DESCRIPTION

The proposed "Complete 540" project, also known as the Southeast Extension, would extend the Triangle Expressway from the NC 55 Bypass in Apex to the US 64/US 264 Bypass (I-87) in Knightdale, completing the 540 Outer Loop around the greater Raleigh area. Phase 2 will extend Triangle Expressway by 10.8 miles between I-40 and US 64/US 264 Bypass (I-87).

P & D: LOCHNER **

TRAFFIC ANALYSIS: HNTB

TRAFFIC & REVENUE: CDM SMITH

** see page 2 for further information

IMPORTANT FACTS

Contract let*: FY 2025

Projected Cost: \$834M

Open to Traffic: TBD

Type of Tolling: Fixed tolls

*Contract let subject to change

KEY NCTA ACTIVITIES

Listed below are key activities being conducted by NCTA in the next six months in order to bring the project online.

PLANNING/DESIGN/CONSTRUCTION

- Coordination with CAMPO regarding the recent STIP amendment approved by the NCDOT Board of Transportation
- Developing schedule for acceleration of the project
- Identifying project development activities to prepare for Design-Build procurements

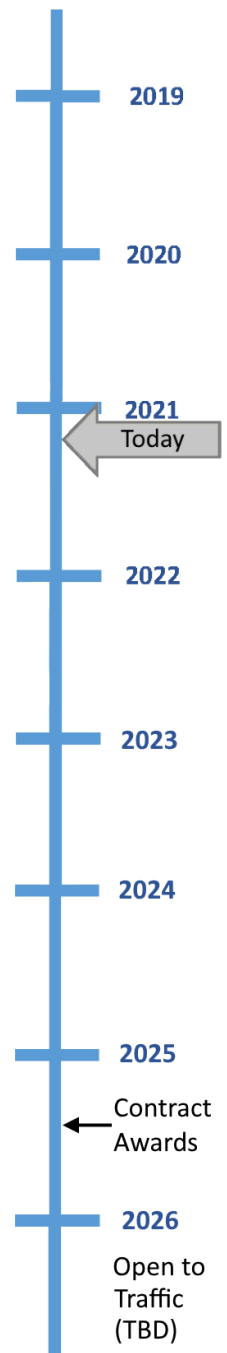
FINANCE

- Completing Investment Grade Traffic & Revenue (T&R) Study
- Submitted Letter of Interest to the Build America Bureau seeking a TIFIA loan

ALL-ELECTRONIC TOLLING

- No activities anticipated

PROJECT DELIVERY



PROJECT STATUS SHEET

Additional P & D Subconsultants:

- **BRANDING & LEP SERVICES –**
SPRINGBOARD/EYDO (no longer in business)
- **NATURAL SYSTEMS & HYDROLOGY (PRELIMINARY) –** **MULKEY** (now **NV5**)
- **MUSSEL SPECIES –** **CATENA** (now **THREE OAKS**)
- **HISTORIC ARCHITECTURE –** **MATTSON, ALEXANDER & ASSOCIATES**
- **UTILITIES –** **HINDE ENGINEERING**
- **RIGHT OF WAY (DEIS) –** **HDR**
- **QUANTITATIVE ICE –** **BAKER**
- **BIOLOGICAL ASSESSMENT T&E SPECIES –** **THREE OAKS**
- **ARCHAEOLOGY –** **COASTAL CAROLINA RESEARCH** (now **COMMONWEALTH HERITAGE GROUP**)
- **RIGHT OF WAY (FEIS) –** **CAROLINA LAND ACQUISITION**
- **PLAN OF FINANCE –** **PFM**

Subconsultants for permits, hydrology, and right of way plans:

- **HYDROLOGY –** **SUNGATE DESIGN GROUP**
- **HYDROLOGY –** **ECOLOGICAL ENGINEERING**
- **PERMITS –** **ECOLOGICAL AND/OR SUNGATE**

NCTA Advisors and Vendors:

- **PROJECT DELIVERY –** **DAWSON & ASSOCS.**
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PROJECT STATUS SHEET

PROJECT DESCRIPTION

The proposed project calls for transportation improvements in the Currituck Sound area with focus on the consideration of a Mid-Currituck Bridge. The proposed action is a seven-mile long toll project including a two-lane bridge that spans Currituck Sound connecting the Currituck County mainland with its Outer Banks, and a separate two-lane bridge that spans Maple Swamp on the Currituck County mainland connecting Aydlett to US 158, in Currituck County.

P & D: WSP/PB **

TRAFFIC ANALYSIS: WSP/PB

TRAFFIC & REVENUE: STANTEC

** see page 2 for further information

IMPORTANT FACTS

Contract Let: TBD

Projected Cost: \$492M (per STIP)

Open to Traffic: TBD

Type of Tolling: Variable

KEY NCTA ACTIVITIES

Listed below are key activities being conducted by NCTA in the next six months in order to bring the project online.

PLANNING/DESIGN/CONSTRUCTION

- Continue to support the activities related to the legal challenge on the environmental document, including completion of the Administrative Record
- Continue coordination with environmental agencies and develop environmental permit applications
- Determine procurement process for construction contract
- Likely to delay design-build letting from October 2021 schedule

FINANCE

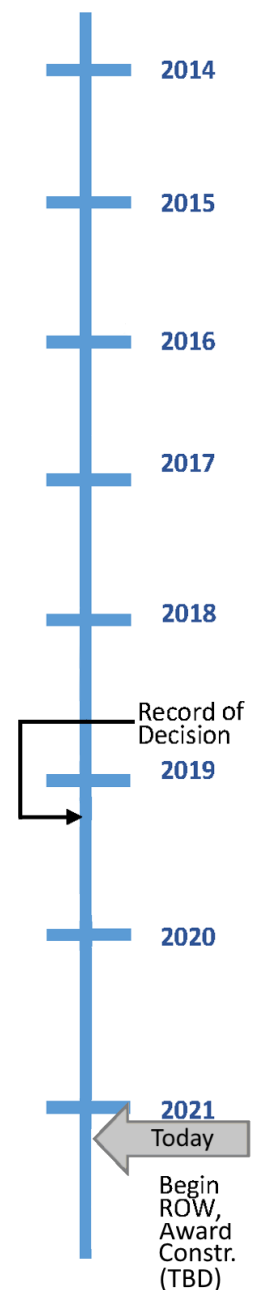
- Update, as appropriate, Investment Grade Traffic & Revenue (T&R) Study with Stantec to support future project finance efforts
- Update cost estimates (Capital, Operations and Maintenance)
- Update Plan of Finance with PFM (NCTA financial advisor)

ALL-ELECTRONIC TOLLING

- No activities anticipated

(see Page 2)

PROJECT DELIVERY



PROJECT STATUS SHEET

Additional P & D Subconsultants:

- **HURRICANE EVACUATION MODELING – ATKINS**
- **NATURAL RESOURCES – CZR**
- **PUBLIC INVOLVEMENT – FITZGERALD & HALLIDAY, INC.**
- **PLAN OF FINANCE – PFM**

Preliminary Engineering:

- **ROADWAY DESIGN PLANS – LOCHNER**
 - **HYDRAULIC DESIGN – WETHERILL**
 - **GEOTECHNICAL DESIGN – GOLDER**
 - **COASTAL & HYDRAULIC ENGINEERING, ENVIRONMENTAL MITIGATION, PERMIT APPLICATIONS – MOFFATT & NICHOL**
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PROJECT STATUS SHEET

PROJECT DESCRIPTION

The project would widen and add Express Lanes to Independence Boulevard (US 74) from west of Idlewild Road in Charlotte to I-485 in Matthews, a distance of approximately 6.4 miles. This project is a part of the US 74 Express Lanes system and is also part of an overall Express Lanes network that includes Express Lanes on I-77 and I-485.

P & D: VHB **

TRAFFIC ANALYSIS: AECOM

TRAFFIC & REVENUE: STANTEC

** see page 2 for further information

IMPORTANT FACTS

Contract Let: TBD*

Projected Cost: \$1.0B (STIP)**

Open to Traffic: TBD*

Type of Tolling: Express Lanes

*Contract let and construction dates TBD based on Corridor Implementation Strategy (funding programmed FY 2023 to Post Year)

**Funding includes right of way, utilities and construction for U-2509 and U-6103

KEY NCTA ACTIVITIES

Listed below are key activities being conducted by NCTA in the next six months in order to bring the project online.

PLANNING/DESIGN/CONSTRUCTION

- Support the Project Delivery Unit on project development efforts, including the preparation of the final environmental document (expected to be a Finding of No Significant Impact)
- Continue coordination with stakeholders
- Coordinate with adjacent Express Lane project (U-6103)
- Participate in the development of a Corridor Implementation Strategy for the US 74 Express Lanes projects (U-6103 and U-2509)

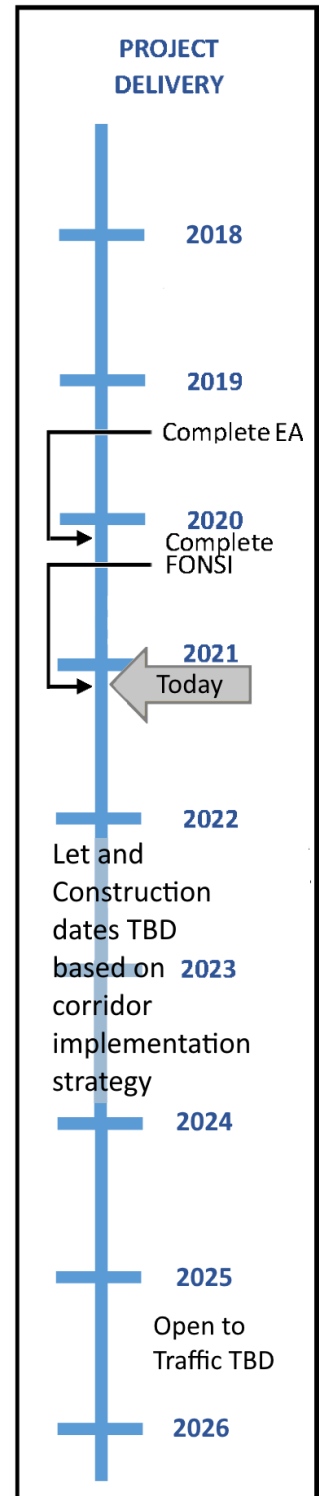
FINANCE

- Refine Operations & Maintenance Model as needed
- Refine joint U-6103/U-2509 Investment Grade Traffic & Revenue (T&R) Study as needed
- Update cost estimates (Capital, Operations and Maintenance)

ALL-ELECTRONIC TOLLING

- No activities anticipated

(see Page 2)



PROJECT STATUS SHEET

OPERATIONS

- Prepare for Express Lane Operations by coordinating with NCDOT Division 10 and local transportation management centers

Additional P & D Subconsultants:

- PRELIMINARY HYDRAULIC ANALYSIS AND REPORT – [SUNGATE DESIGN GROUP](#)
 - ICI WATER QUALITY ASSESSMENTS, T AND E SPECIES SURVEYS, STREAM AND WETLAND DELINEATIONS – [CATENA](#) (now [THREE OAKS](#))
 - SURVEYING (STREAM AND WETLAND DELINEATIONS) – [TGS ENGINEERS](#)
-



PROJECT STATUS SHEET

PROJECT DESCRIPTION

The project is an expressway extending nearly 20 miles from US 74 near I-485 in Mecklenburg County to US 74 between the towns of Wingate and Marshville in Union County. The four-lane divided facility has fixed toll rates at seven mainline zones.

CONTRACTOR: MONROE BYPASS CONSTRUCTORS**

CEI: SUMMIT

TRAFFIC & REVENUE: CDM SMITH

P & D: ATKINS **

** see page 2 for further information

IMPORTANT FACTS

Construction Started: May 2015

Projected Cost: \$731M

Open to Traffic: November 2018

Type of Tolling: Fixed tolls

Final Completion: October 2020

KEY NCTA ACTIVITIES

Listed below are key activities being conducted by NCTA in the next six months in order to complete the project.

DESIGN/CONSTRUCTION

- Coordinate with Roadside Environmental Unit (REU) on implementation of landscaping (Phase 1) and procurement and implementation of Phase 2

FINANCE

- Continue efforts related to appropriation bond refunding.
- Track remaining property settlements

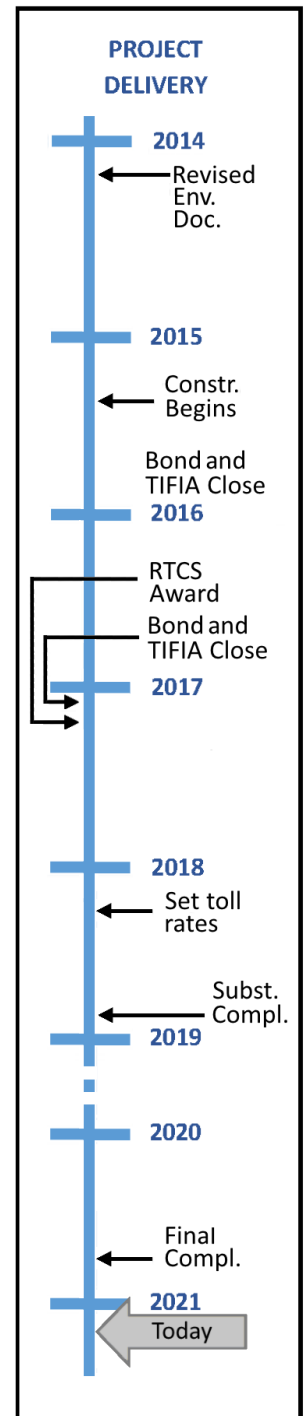
ALL-ELECTRONIC TOLLING

- Monitor Roadside Toll Collection System (RTCS) and Electronic Toll Collection System (ETCS) system performance
- Monitor installed Wrong-Way Detection & Notification system
- Monitor full maintenance program for accepted ITS components

OPERATIONS

- Pursue initiatives to promote new Customer Service Center and NC Quick Pass transponder sales
- Coordinate with Metrolina Regional Transportation Management Center to refine operational monitoring of toll road traffic

(see Page 2)



PROJECT STATUS SHEET

Additional Design-Build Team Information:

- **JOINT VENTURE PARTNERS: UNITED INFRASTRUCTURE GROUP, ANDERSON-COLUMBIA, BOGGS PAVING**
- **LEAD DESIGNER – RK&K**
- **SECONDARY ROADWAY DESIGNER – MULKEY (now NV5)**
- **SECONDARY STRUCTURAL DESIGNERS – SIMPSON ENGINEERING, KCI, MULKEY (now NV5), MORRIS ISRAELNAIM**
- **SIGNING & ITS DESIGN – RKK, DRMP**
- **STRUCTURAL CONTRACTORS – DELLINGER, DANE, SLOAN, UNITED, MOUNTAIN CREEK**
- **ROADWAY CONTRACTOR – ES WAGNER, VECELIO AND GROGAN, SLOAN**
- **ELECTRICAL CONTRACTOR – T&H ELECTRIC**
- **GEOTECH AND GEOENVIRONMENTAL, PAVEMENT DESIGN – AMEC-FOSTER-WHEELER, F&ME**
- **PERMITTING & ENVIRONMENTAL - THE CATENA GROUP (now THREE OAKS)**
- **SYSTEMS INTEGRATION – T&H ELECTRIC, PROTRONIX**

Additional P & D Subconsultants:

- **INDIRECT AND CUMULATIVE EFFECTS ASSESSMENT, COST ESTIMATION – HNTB**
- **NATURAL RESOURCES – ENVIRONMENTAL SERVICES, INC.**
- **HISTORIC ARCHITECTURAL RESOURCES SURVEY – MATTSON, ALEXANDER, AND ASSOCIATES**
- **PRELIMINARY TRAFFIC AND REVENUE STUDY AND TRAFFIC FORECASTS - WILBUR, SMITH AND ASSOCIATES (now CDM SMITH)**
- **TRAFFIC FORECASTS – MARTIN/ALEXIOU/BRYSON (now VHB)**
- **RELOCATION REPORTS – CAROLINA LAND ACQUISITION**
- **INDIRECT AND CUMULATIVE EFFECTS – BAKER**
- **CULTURAL RESOURCES – NEW SOUTH ASSOCIATES**
- **BIOLOGICAL ASSESSMENT FOR ENDANGERED SPECIES - THE CATENA GROUP (now THREE OAKS)**
- **RIGHT OF WAY ACQUISITION: HNTB, CAROLINA LAND ACQUISITIONS, ATKINS, PROFESSIONAL PROPERTY SERVICES**

Other:

- **LANDSCAPING (PHASE I): CHAMPION LANDSCAPING**
-

PROJECT STATUS SHEET

PROJECT DESCRIPTION

The purpose of this project is provide options for reliable travel time in the corridor between I-277 (Exit 11) in Charlotte (Mecklenburg County) and NC 150 (Exit 36) in Iredell County (26 miles). This project offers drivers the option of using the existing general-purpose lanes for free, or paying a toll to enter and exit the I-77 Express Lanes at various points, or ride for free as HOV3+.

DEVELOPER: I-77 MOBILITY PARTNERS **
CONTRACTOR: SUGAR CREEK CONSTRUCTION
NCTA OPERATIONS REP: RS&H
CEI: RK&K
P & D: ATKINS/RK&K **
 ** see page 2 for further information

IMPORTANT FACTS

Construction Started: November 2015 Projected Cost: \$665M
 Opened North Section EL's: June 2019
 Opening of South Section EL's: November 2019
 Final Acceptance of North Section: July 15, 2020
 Final Acceptance of Central Section: August 31 2020
 Final Acceptance of South Sections: December 23 2020

Type of Tolling: Express Lanes

KEY NCTA ACTIVITIES

Listed below are key activities currently being conducted by NCTA in relation to the project.

CONSTRUCTION

- Continue to participate in project meetings with I-77 Mobility Partners (I77MP)
- Assisting in the assessment of risk in relation to on-going compensation event mediations
- Assisting NCDOT in managing the project from Construction into the Operating Period

FINANCE

- Amendment 9 creates an additional vehicle class for 2 axle vehicles longer than 22 feet and for 2 axle vehicles with single axle trailers which allows access to EL's at a higher toll rate. Provides greater transparency by publishing toll rates on dedicated project website and identifies NCDOT's rights to establish a frequent user discount program. Amendment 9 was executed in July of 2020. Implementation is anticipated in February of 2021.

(see Page 2)



PROJECT STATUS SHEET

ALL-ELECTRONIC TOLLING

- Implement toll-related contract modifications (to address Amendment 9)
- Amended ordinances for I-77 to reflect Amendment 9 changes
- Process all transactions submitted by the Developer and perform collections for customers
- Monthly reconciliation meetings are being held with I-77 Mobility Partners

OPERATIONS

- System communications requirements and file transfers between I77MP to NCTA CSC are ongoing.
- NCTA/RS&H holding O&M transition meetings with NCDOT to cover obligations from both parties per the Comprehensive Agreement in the Operating Period.

Additional Developer Team Information:

- **PRIMARY DEVELOPER:** CINTRA INFRAESTRUCTURAS, SA
- **JOINT VENTURE PARTNERS:** FERROVIAL AGROMAN, S.A. & W.C. ENGLISH, INC.
- **LEAD DESIGNER –** LOUIS BERGER
- **FIELD SYSTEMS INTEGRATOR –** KAPSCH
- **FIELD SYSTEMS CIVIL CONSTRUCTION –** GANNETT FLEMING
- **FIELD SYSTEMS INSTALLATION –** WORLD FIBER
- **GEOTECH, PAVEMENT DESIGN, QUALITY CONTROL INSPECTION AND TESTING –** PSI
- **RIGHT OF WAY ACQUISITION –** AMEC-FOSTER-WHEELER
- **DEVELOPER'S COMMISSIONING AGENT -** KILAN SOLUTIONS

Additional P & D Subconsultants:

- **NOISE ANALYSIS, PRELIM. HYDRAULIC ANALYSIS, NATURAL RESOURCES, TRAFFIC OPERATIONS –** RK&K
- **AIR QUALITY ANALYSIS –** KIMLEY-HORN AND ASSOCIATES
- **HISTORIC ARCHITECTURAL RESOURCES SURVEY –** URS (now AECOM)
- **FINANCIAL PLAN AND INVESTMENT STRATEGIES –** PFM GROUP

Other:

- **NCDOT CONTRACT REVIEW CONSULTANT –** MERCATOR ADVISORS LLC
- **LEGAL COUNSEL –** NOSSAMAN, LLP

PROJECT STATUS SHEET

PROJECT DESCRIPTION

The project would widen I-77 to ten lanes by constructing Express Lanes from the South Carolina state line to I-277/NC 16 (Brookshire Freeway) (Exit 11). The total project length is 11.2 miles and includes reconstructing the interchanges at I-77/I-277 (Belk and Brookshire Freeways).

The planning and preliminary design contract for this project has been combined with the same services for the U-6103 Express Lanes project on US-74.

IMPORTANT FACTS

ROW Acquisition:	FY 2029	Projected Cost:	\$1.0B (STIP)
Construction Begins:	Post Year	Type of Tolling:	Express Lanes
Open to Traffic:	TBD		

KEY NCTA ACTIVITIES

Listed below are key activities being conducted by NCTA in the next six months in order to bring the project online.

PLANNING, DESIGN, CONSTRUCTION

- Initial planning/scoping and preliminary design tasks on hold

FINANCE

- No activities anticipated

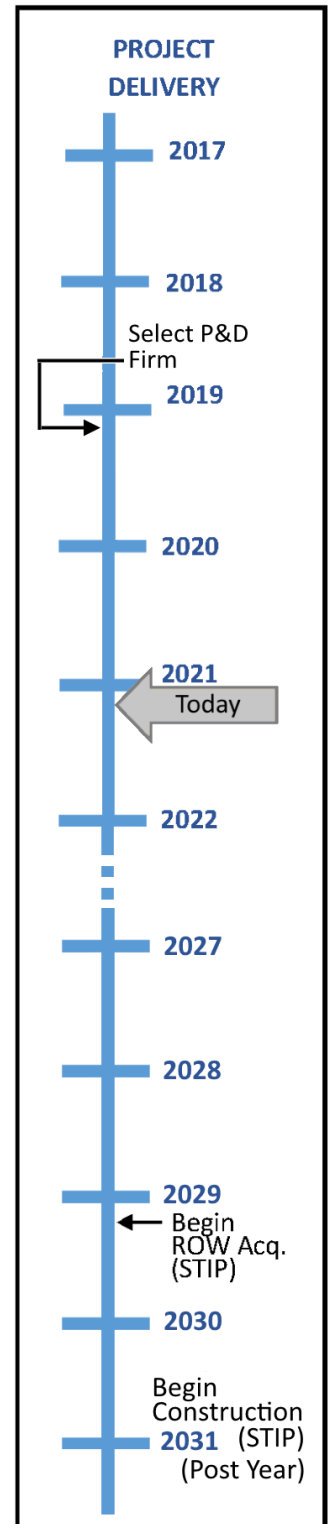
ALL-ELECTRONIC TOLLING

- No activities anticipated

P & D: RS&H

TRAFFIC ANALYSIS: RS&H

TRAFFIC & REVENUE: STANTEC



PROJECT STATUS SHEET

PROJECT DESCRIPTION

The project would widen Independence Boulevard (US 74) in Charlotte from I-277 to just west of Idlewild Road to allow for two-way Express Lanes. This project supersedes U-5526A, which proposed to convert the existing bus lanes to a reversible Express Lane from I-277 to Wallace Ln.

P & D: RS&H (U-6103)

NATURAL RESOURCES: THREE OAKS

DESIGN: RS&H/CDM SMITH

TRAFFIC ANALYSIS: RS&H/THREE OAKS

TRAFFIC & REVENUE: STANTEC

IMPORTANT FACTS

Contract Let: TBD*

Projected Cost: \$95.3M (STIP)

Open to Traffic: TBD*

Type of Tolling: Express Lanes

*Contract let and construction dates TBD based on Corridor Implementation Strategy (funding programmed FY 2023 to Post Year)

KEY NCTA ACTIVITIES

Listed below are key activities being conducted by NCTA in the next six months in order to bring the project online.

PLANNING/DESIGN/CONSTRUCTION

- Prepare planning preliminary design including 2 alternatives for the Albemarle Road direct connector interchange
- Prepare build traffic analysis
- Continue coordination with CATS Silver Line team and other stakeholders
- Coordinate with adjacent Express Lane project (U-2509)
- Participate in the development of a Corridor Implementation Strategy for the US 74 Express Lanes projects (U-6103 and U-2509)

FINANCE

- Refine Operations & Maintenance Model as needed
- Refine joint U-6103/U-2509 Investment Grade Traffic & Revenue (T&R) Study as needed
- Update cost estimates (Capital, Operations and Maintenance)

ALL-ELECTRONIC TOLLING

- No activities anticipated

OPERATIONS

- No activities anticipated

