



U.S. 21 (STATESVILLE ROAD) & CATAWBA AVENUE INTERSECTION IMPROVEMENTS



WELCOME

The purpose of this Public Meeting is to present the preferred design concept for the U.S. 21 (Statesville Road) and Catawba Avenue intersection improvements project. This is an informal meeting where you are encouraged to view the project mapping and displays. Project team members are available to provide project information, answer questions, and receive your comments. Please use the comment form included in this handout to provide your feedback on the proposed improvements.

PROJECT NEED

The project area has experienced notable growth and development, leading to increased traffic volumes and congestion. Existing (2016) traffic volumes along Catawba Avenue and U.S. 21 (Statesville Road) in the project area are approximately 30,000 and 15,000 vehicles per day, respectively. Future (2040) traffic volumes along Catawba Avenue are projected to exceed 45,000 vehicles per day.

PROJECT OVERVIEW

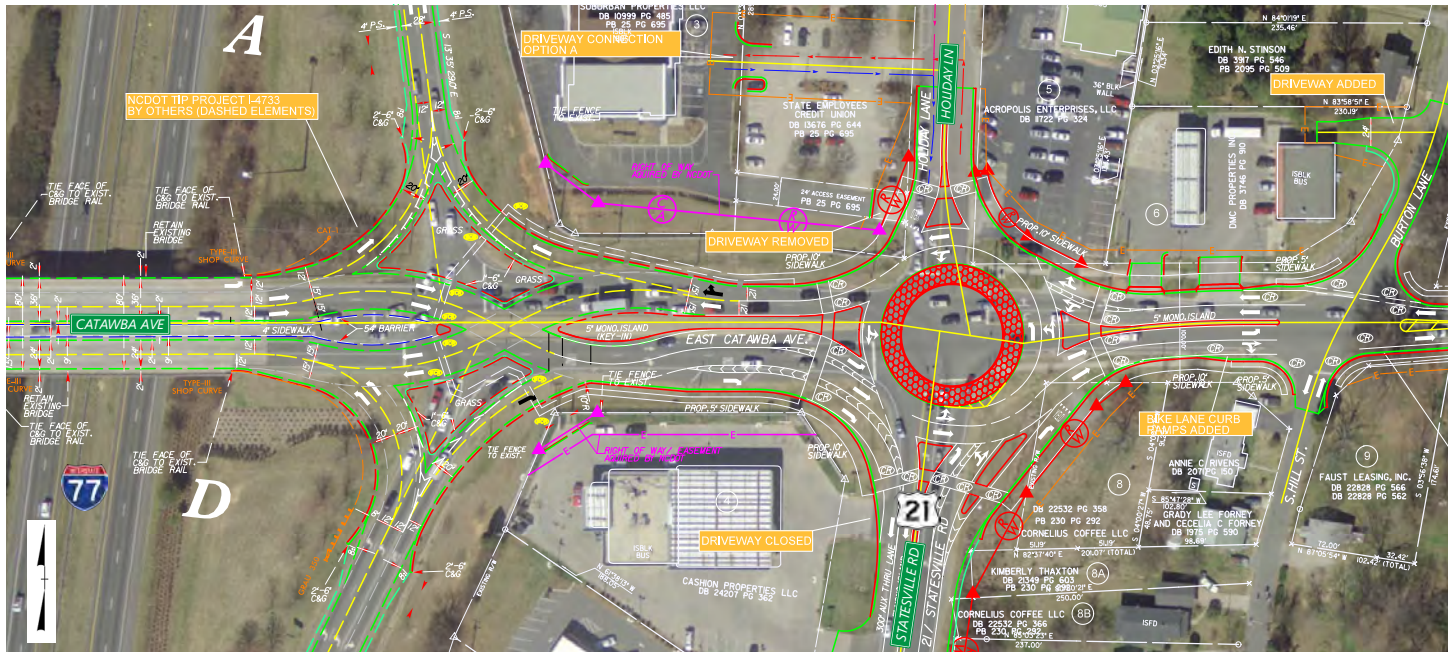
The N.C. Department of Transportation evaluated several design options to improve traffic operations at the intersection of U.S. 21 (Statesville Road) and Catawba Avenue in Cornelius. These options included a roundabout, a quadrant intersection, a continuous flow intersection (CFI), and dual roundabouts. Additional information about these options is provided below. Based on a review of impacts associated with each option, and in coordination with the Town of Cornelius and neighborhoods adjacent to the project, the dual roundabout option was selected as the preferred alternative.



DESIGN CONCEPTS CONSIDERED

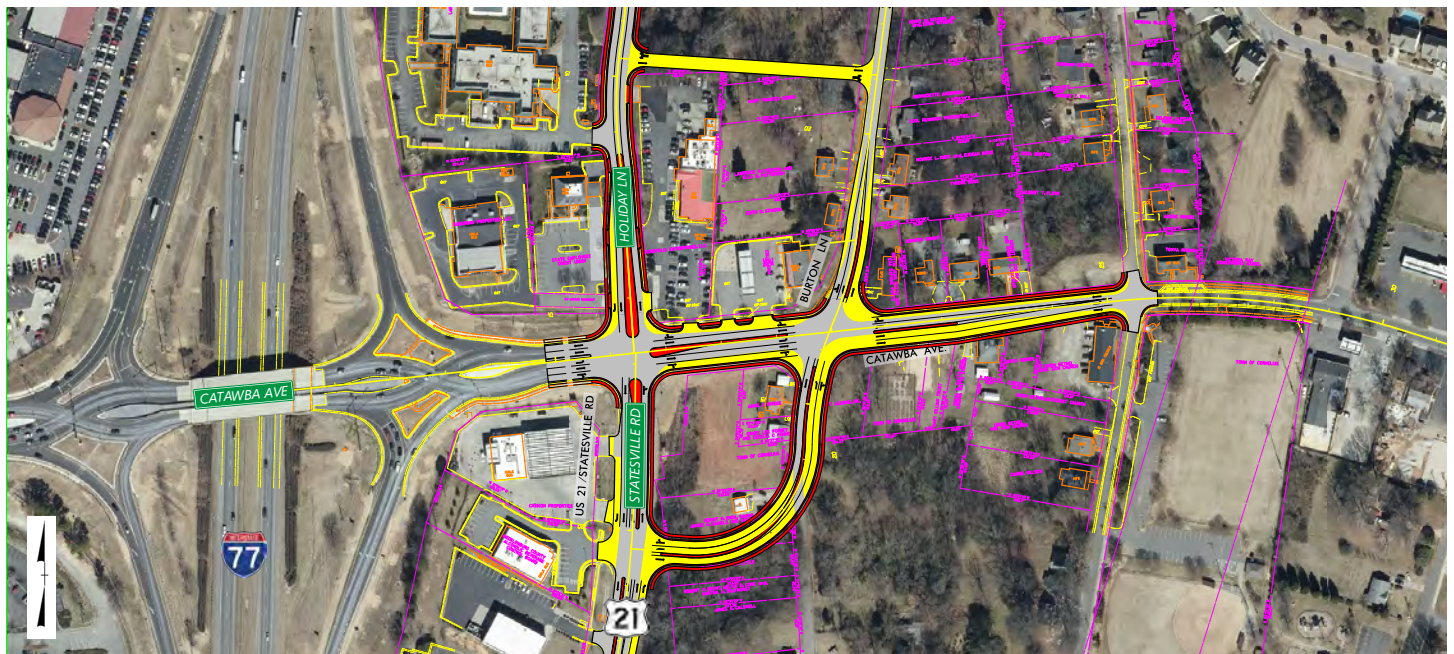
SINGLE ROUNDABOUT

The original plan for the intersection was to develop a single roundabout. However, based on additional traffic analysis and future traffic volumes, it was determined that a single roundabout would not provide a long-term solution for the intersection.



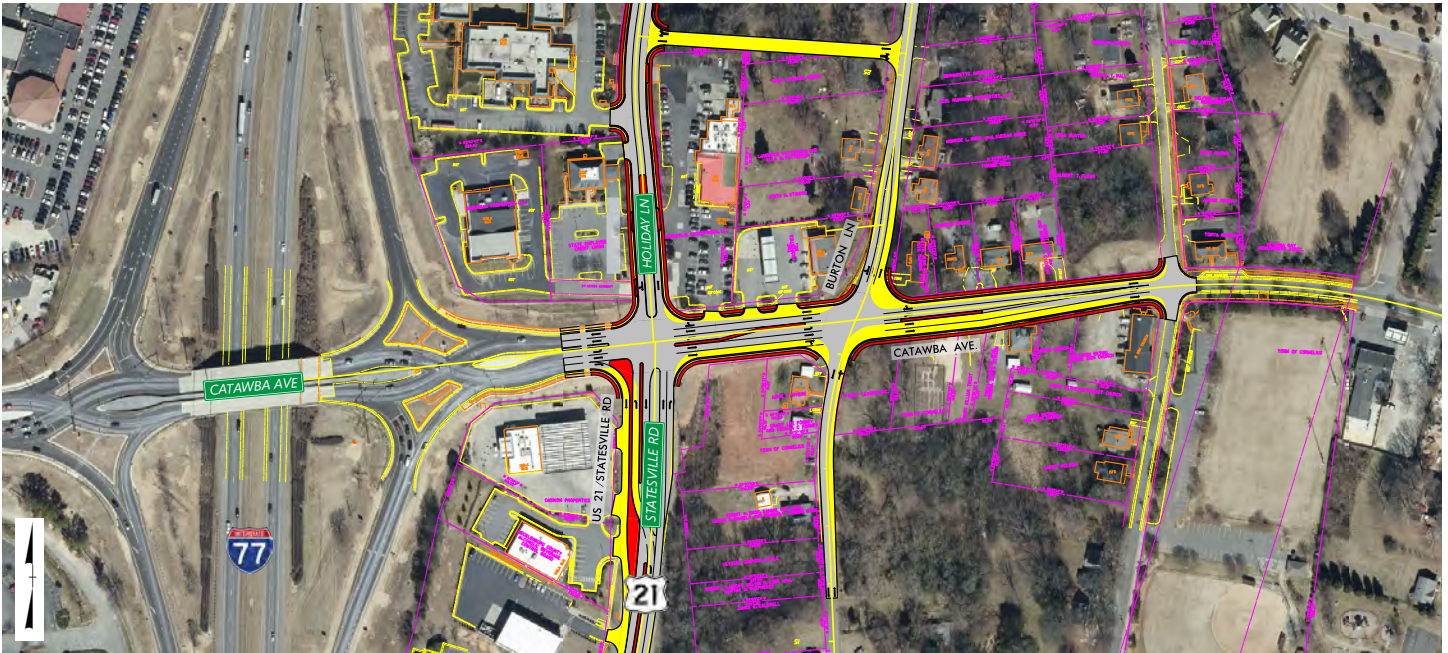
SOUTHEAST QUADRANT INTERSECTION

Although a quadrant intersection would provide improved traffic operations, it would have the most impacts to residents along S. Hill Street and Burton Lane, place additional traffic along Burton Lane, and limit access to businesses along U.S. 21 (Statesville Road). Therefore, this concept was eliminated from further consideration.



CONTINUOUS FLOW INTERSECTION (CFI)

A CFI would place additional traffic along Burton Lane, limit access to businesses along U.S. 21 (Statesville Road), and would not provide maximum traffic operations benefits compared to other concepts. For these reasons, the CFI was eliminated from further consideration.



PREFERRED DESIGN CONCEPT – DUAL ROUNDABOUTS

Dual roundabouts were selected as the preferred design concept because they have no additional traffic impacts to neighborhood streets, improve residential connectivity, provide safer pedestrian crossings, and notably improve traffic operations.



EXISTING INTERSECTION



PROJECT SCHEDULE

2017-2018	Neighborhood Meetings	SPRING 2019	Begin Right-of-Way Acquisition
FALL 2018	Environmental Documentation Complete	SUMMER 2020	Begin Construction

CONTACT US

Sean Epperson, P.E.
NCDOT Project Team Lead
NCDOT Division 10

716 W. Main Street
Albemarle, NC 28001

704-983-4400
smepperson@ncdot.gov

Jennifer Farino, P.E.
Consultant Project Manager
RS&H

1520 South Boulevard, Suite 200
Charlotte, NC 28203

704-940-4727
jennifer.farino@rsandh.com

TITLE VI PUBLIC INVOLVEMENT FORM

Completing this form is **completely** voluntary. You are not required to provide the information requested in order to participate in this meeting.

Meeting Type: Open House Public Meeting	Date: Wed., October 10, 2018
Location: Cornelius Town Hall	
TIP No.: C-5621	
Project Description: Improve the intersection of U.S. 21 (Statesville Road) and Catawba Avenue	

In accordance with Title VI of the Civil Rights Act of 1964 and related authorities, the N.C. Department of Transportation assures that no person(s) shall be excluded from participation in, denied the benefits of, or subjected to discrimination under any of the Department's programs, policies, or activities, based on their race, color, national origin, disability, age, income, or gender.

Completing this form helps meet our data collection and public involvement obligations under Title VI and NEPA, and will improve how we serve the public. Please place the completed form in the designated box on the sign-in table, hand it to an NCDOT official or mail it to the Environmental Analysis Unit, 1598 Mail Service Center, Raleigh, NC 27699-1598.

All forms will remain on file at the NCDOT as part of the public record.

Zip Code: _____	Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female
Street Name: (i.e. Main Street) _____	Age: <input type="checkbox"/> Less than 18 <input type="checkbox"/> 45-64 <input type="checkbox"/> 18-29 <input type="checkbox"/> 65 and older <input type="checkbox"/> 30-44
Total Household Income: <input type="checkbox"/> Less than \$12,000 <input type="checkbox"/> \$47,000 – \$69,999 <input type="checkbox"/> \$12,000 – \$19,999 <input type="checkbox"/> \$70,000 – \$93,999 <input type="checkbox"/> \$20,000 – \$30,999 <input type="checkbox"/> \$94,000 – \$117,999 <input type="checkbox"/> \$31,000 – \$46,999 <input type="checkbox"/> \$118,000 or greater	Have a Disability: <input type="checkbox"/> Yes <input type="checkbox"/> No
Race/Ethnicity: <input type="checkbox"/> White <input type="checkbox"/> Black/African American <input type="checkbox"/> Asian <input type="checkbox"/> American Indian/Alaskan Native <input type="checkbox"/> Native Hawaiian/Pacific Islander <input type="checkbox"/> Hispanic/Latino <input type="checkbox"/> Other (please specify): _____	National Origin: (if born outside the U.S.) <input type="checkbox"/> Mexican <input type="checkbox"/> Central American: _____ <input type="checkbox"/> South American: _____ <input type="checkbox"/> European: _____ <input type="checkbox"/> Chinese <input type="checkbox"/> Vietnamese <input type="checkbox"/> Korean <input type="checkbox"/> Other (please specify): _____

How did you hear about this meeting? (newspaper advertisement, flyer, and/or mailing) _____

For more information regarding Title VI or this request, please contact the NCDOT Title VI Nondiscrimination Program at (919) 508-1808 or toll free at 1-800-522-0453, or by email at titleVI@ncdot.gov. Thank you for your participation!



NCDOT - Environmental Analysis Unit
Attn: Simone Robinson
1598 Mail Service Center
Raleigh, NC 27699-1598

