



Mooresville Traffic Separation Study Public Meeting No. 1

March 27, 2017

STIP No. P-3309

Project Background

The N. C. Department of Transportation (NCDOT) Rail Division, in cooperation with the Town of Mooresville and Norfolk Southern Railway (NS), is conducting a Traffic Separation Study (TSS). The study will evaluate 28 at-grade highway/railroad crossings along the NS "O" Line from Bridges Farm Road to Mazeppa Road.

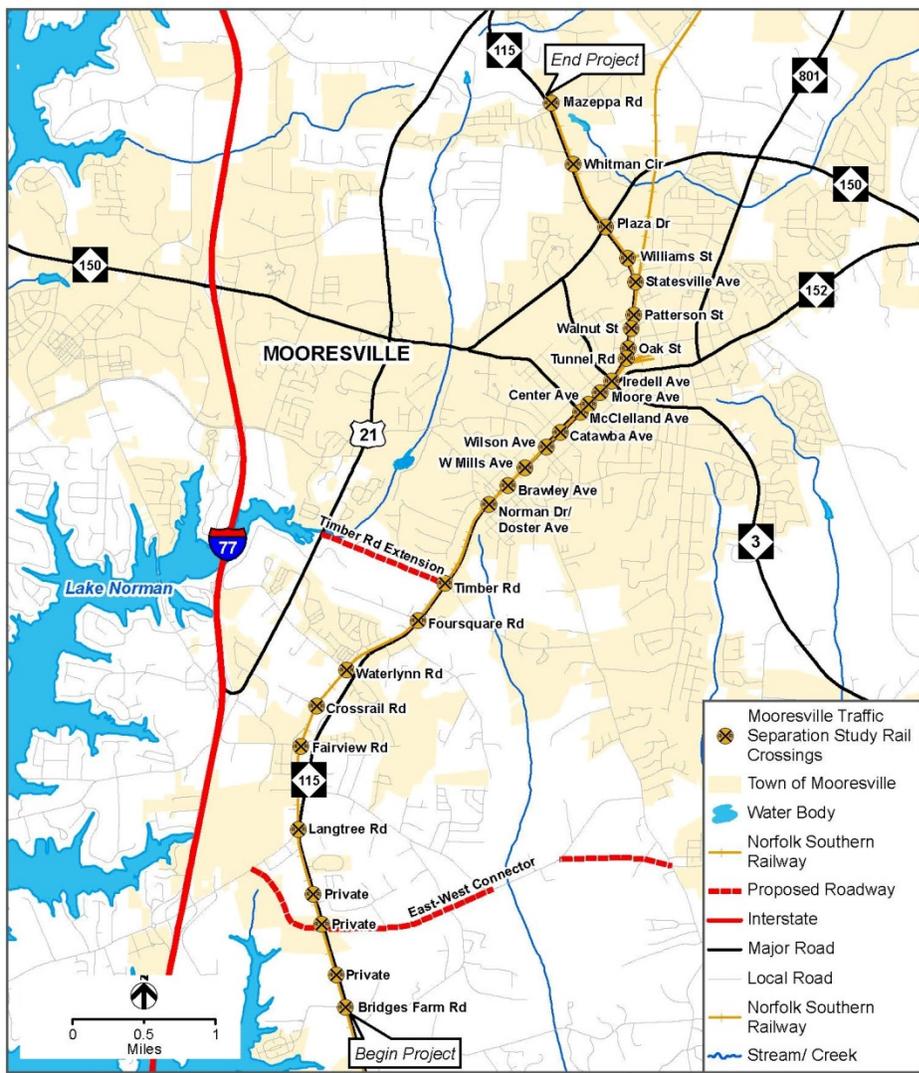
In 2004, NCDOT evaluated 13 grade crossings of the NS "O" Line in the Charlotte to Mooresville TSS. At the time, no further action was taken.

Since the earlier evaluation many local plans and development changes have occurred, including the adaptation of the Mooresville Comprehensive Transportation Plan in 2008. This, combined with increased rail and vehicular traffic, is the reason that the study team is again looking at options for separating railroad and highway traffic.

What is a TSS?

The NCDOT Rail Division has completed traffic separation studies in both small and large communities throughout the state. These studies are part of a comprehensive evaluation of traffic patterns and road usage on a corridor- or regional level. The purpose of a TSS is to determine the need for improvements and/or elimination of public at-grade crossings to improve safety and mobility for motorists, rail passengers, and train crews. These studies are one of the comprehensive programs to improve rail-crossing safety administered by NCDOT, the Federal Highway Administration (FHWA), and the Federal Railroad Administration (FRA).

Using comprehensive evaluations of rail and roadway traffic patterns for the entire municipality or region, the NCDOT and NS along with the communities involved determine the need for improvements and/or elimination of public at-grade crossings to improve the safety of motorists, rail passengers, and train crews. These improvements may include crossing closures



and consolidations, adding or upgrading warning devices, roadway improvements, elimination of sight obstructions, and grade separations (bridges over or under the track).

TSS Process

The evaluation involves utilizing quantitative and qualitative measures to analyze existing highway/railroad at-grade crossings. The process involves community outreach to understand the community sense of "what could be done." Community outreach includes working with local stakeholders in identifying existing travel patterns, land use development patterns, and planned infrastructure projects; as well as hearing from the local community

their perspective on issues and needs surrounding the highway/railroad at-grade crossings.

The quantitative process includes collecting traffic volumes and understanding the local traffic patterns, train traffic, existing conditions of the at-grade crossings, surrounding property uses, emergency routes, school bus routes, and planned roadway improvements. Through the evaluation a cost benefit analysis is conducted along with identifying near-term, mid-term, and long-term improvements.

Improvements

A TSS considers pedestrian and traffic conditions along an entire corridor with the goal of making recommendations to improve safety at each specific at-grade crossing while maintaining public support. The study determines the need for improvements, such as:

- Crossing consolidations
- Installation of new grade-separations or repair of existing grade separations
- Signage and pavement marking
- New or upgraded highway/railroad grade crossing signals, gates, and/or lights
- Improved crossing surfaces
- Sight distance or geometric improvements
- Traffic signal interconnection/preemption

Project Contact Information

A copy of the public meeting map can be viewed on the NCDOT public meetings website at:

<https://www.ncdot.gov/projects/publicmeetings/>

If you need additional information or would like to discuss the project further, please contact the following project representative:

Nancy Horne, P.E.

NCDOT Rail Division

1556 Mail Service Center

Raleigh, N.C. 27699-1556

Phone: (919) 715-3686

Email: nhorne@ncdot.gov

If you have transportation questions on other projects, call our Customer Service Center toll-free at 1-877-DOT-4YOU, or visit the NCDOT website at www.ncdot.gov.

Next Steps	Date*
Draft Recommendations	Summer 2017
Public Meeting No. 2	Summer 2017
Final Recommendations	Fall 2017
Complete TSS	Fall 2017

*Schedules are subject to change.

Public Outreach

We are soliciting input from public officials and local citizens concerning the existing conditions along the public street crossings being evaluated, travel patterns, and potential ideas for improvements. The NCDOT Rail Division will engage the public and stakeholders throughout the project for input on existing conditions, existing travel patterns, and share opinions on the study recommendations and offer information that may help the project assess any impacts to the social, economic, cultural, physical or biological conditions in the area.

Which crossings will be evaluated?

The Mooresville TSS will evaluate the following:

Crossing No.	Milepost	Street Name
721 704A	23.18	Bridges Farm Road
721 703T	23.41	Private road
721 702L	23.82	Private road
721 701E	24.02	Private road
721 700X	24.53	Langtree Road (S.R. 1102)
721 697S	25.07	Fairview Road (S.R. 1246)
721 696K	25.37	Crossrail Road (S.R. 1170)
721 695D	25.7	Waterlynn Road (S.R. 1135)
721 692H	26.31	Foursquare Road (S.R. 1132)
721 691B	26.6	Timber Road (Private)
721 687L	27.3	Norman Drive/Doster Ave.
721 685X	27.5	Brawley Ave.
721 683J	27.6	W. Mills Ave.
721 682C	27.8	Wilson Ave.
721 681V	28	Catawba Ave.
721 680N	28.16	McClelland Ave.
721 679U	28.3	Center Street
721 678M	28.4	Moore Ave.
721 677F	28.49	Iredell Ave. (N.C. 3/ N.C. 152)
960 218T	28.65	Tunnel Road
721 676Y	28.75	Oak Street
721 675S	28.89	Walnut Street
721 674K	28.98	Patterson Ave.
736 195A	29.2	Statesville Ave.
721 673D	29.39	Williams Street
721671P	29.59	Plaza Drive (N.C. 150)
721 668G	30.16	Whitman Circle (S.R. 2396)
721 665L	30.61	Mazeppa Road (S.R. 2395)



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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: Public Meeting Location: Charles Mack Citizen Center, Mooresville, NC	Date: March 27, 2017
STIP No: P-3309 Project Description: Mooresville Traffic Separation Study, Mooresville, Iredell County	

In accordance with Title VI of the Civil Rights Act of 1964 and related authorities, the North Carolina Department of Transportation (NCDOT) 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 PDEA-Human Environment Section, 1598 Mail Service Center, Raleigh, N.C. 27699-1598. All forms will remain on file at the NCDOT as part of the public record.

Zip Code: _____ Street Name: (i.e. Main Street) _____	Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female
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	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
Race/Ethnicity: <input type="checkbox"/> White <input type="checkbox"/> Asian <input type="checkbox"/> Black/African American <input type="checkbox"/> Hispanic/Latino <input type="checkbox"/> American Indian/Alaskan Native <input type="checkbox"/> Native Hawaiian/Pacific Islander <input type="checkbox"/> Other (please specify): _____	Have a Disability: <input type="checkbox"/> Yes <input type="checkbox"/> No 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"/> Puerto Rican <input type="checkbox"/> Vietnamese <input type="checkbox"/> Chinese <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 Section at (919) 508-1896 or toll free at 1-800-508-1886, or by email at sddickens@ncdot.gov.

Thank you for your participation!



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