Comments or Questions?

Contact the Town's project manager with any questions or comments:

Todd Delk, P.E.
Town of Cary Engineering Department
(919) 462-3834
todd.delk@townofcary.org

Key Facts

- The total length of the project is 1.2 miles from N Harrison Avenue to NC 54/NE Maynard Road.
- Reedy Creek Road currently carries about 6,000 vehicles per day. In 2035, traffic models project it may carry up to 11,000 vpd. (Two-lane road capacity: 18,000 vpd).
- The existing road is a mix of two- and three-lane segments. Several segments of the roadway are already widened to a three-lane street section, so future improvement along this stretch of segments will be minimal, consisting primarily of small improvements such as missing sidewalks, resurfacing, and pavement markings.
- Existing traffic signals located within the project area will be modified to reflect the roadway improvements, and existing major side streets along the corridor will be evaluated for new traffic control, as necessary.
- The future costs for improvements have not been finalized and will be determined in the preliminary engineering phase. Planning-level estimates for ROW acquisition and construction are $5-7 million total.
- Although the study is being administered by the Town, the Town has hired a consultant, Kimley-Horn and Associates, Inc., to perform the design and planning.
- This study will shape the geometric improvements of the corridor by addressing the desires of the community and improving the design characteristics of the existing roadway.
- Construction of improvements is not scheduled or budgeted at this time.

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Town of Cary

March 2013

Study Updates

Reedy Creek Road Design Study

PROJECT SCHEDULE

Currently, the Town is only working on the design and planning for any proposed improvements. The following outlines the project schedule as it is currently planned. These milestones may change based on numerous factors out of the Town's control.

PRELIMINARY ENGINEERING

Spring 2013 -
Technical field studies to be performed to assist the development of preliminary designs and the environmental document, including traffic and environmental screenings

Roadway safety audit to be conducted with key stakeholders from the Town and study area to identify key issues and possible improvements

Citizen Public Workshop to be held to share initial research and safety audit results, solicit input from community

Summer 2013 -
Preliminary designs and environmental documents prepared for review by Town departments, State agencies, and stakeholders

Fall 2013 -
Conduct a Public Hearing through Cary's Town Council to approve the design

FINAL DESIGN

Fall 2013 – Spring 2014
Final design plans developed

Town Staff begins process to determine funding and construction schedule

contents

Cary Looks at Future Design for Reedy Creek Road

The Town is currently studying future improvements on Reedy Creek Road from NC 54 / NE Maynard Road to N Harrison Avenue. The Town's Comprehensive Transportation Plan proposes widening the roadway to a 3-lane section with a center left-turn lane, curb & gutter, sidewalks, and bike lanes. Currently, the roadway is a mix of cross-sections. Several segments of the roadway are already widened to a three-lane street section, so design improvements along those segments will be minimal, consisting primarily of small improvements such as missing sidewalks, resurfacing, and pavement markings.

The future widening will not provide additional roadway capacity for Cary commuters, rather:

- widen Reedy Creek Road to a consistent three-lane cross-section,
- provide sidewalks along the corridor to improve pedestrian connectivity in the area, and
- provide bike lanes to accommodate cyclists of all levels.

The future facilities will allow residents, particularly neighborhood school children, to safely walk and bike to shopping, schools, and recreational destinations in the area.

The design of the Reedy Creek Road project is funded through a cost sharing program between the Town and the Capital Area Metropolitan Planning Organization (CAMPO) Locally Administered Projects Program (LAPP). The Town has hired an engineering consultant team to complete the design phase of the project, which is currently underway. The design will include: traffic studies, environmental assessments, and development of alternates for the widening, final plans, specifications, and cost estimates.

The current efforts are for planning and design only. Designs and cost estimates developed during the study will help inform the Town as we look to fund and budget future capital projects.

More information and project updates, are also available on the Town's website (http://www.townofcary.org) on the Engineering Department's Street Projects webpage.

Study Area for Reedy Creek Road Design Study

Typical Cross-Section for Reedy Creek Road Improvements

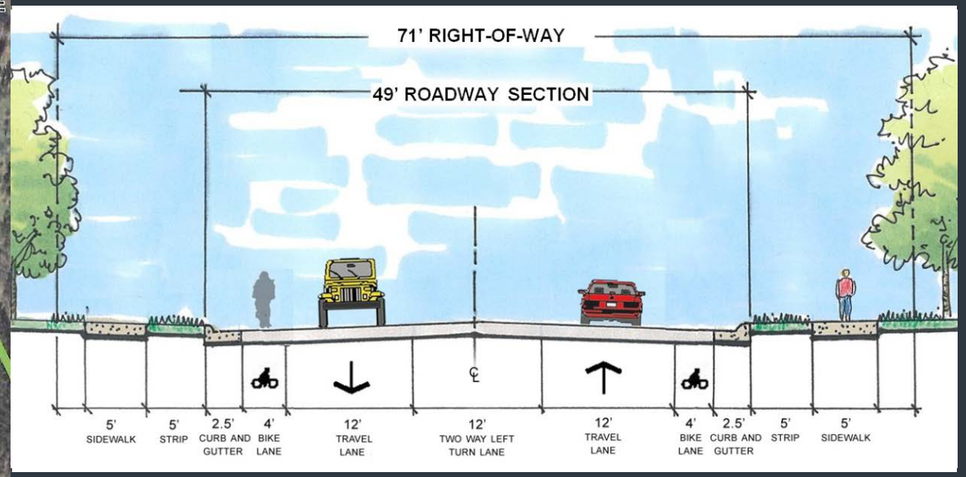

Photo Rendering of Future Reedy Creek Road Improvements

WHAT IS NEPA? Environmental Documentation for Projects

The development of roadway projects with federal funding requires planning be done in accordance with the National Environmental Policy Act (NEPA). NEPA is a federal law enacted in 1970 that requires governments to consider the environmental impacts of, and alternatives to, major proposed actions in its decision-making processes. The act is the basic national charter for the protection of the environment.

For this project, a categorical exclusion (CE) will be prepared and will be reviewed by NCDOT and Federal Highway Administration (FHWA). CEs are a checklist type of document applied to projects that do not induce significant impacts to planned growth, land uses or travel patterns, do not relocate residences/ businesses; do not have major impact on any cultural, recreational, historic or other resource; do not involve significant air, noise, or water quality impacts; and do not otherwise have any significant environmental impacts.

BUDGET

The Town is funding the current study through a grant received from the Capital Area Metropolitan Planning Organization (CAMPO) Locally Administered Project Program (LAPP).

FY 2013 - $200,000 for engineering & design

$160,000 from STP-DA grants, $40,000 from Town funds