



Kanuga Road Improvements
 North Carolina Department of Transportation
 NCDOT Highway Division 14
 Attn: Jonathan Woodard, PE
 253 Webster Road
 Sylva, N.C. 28779

Address Label

Kanuga Road Improvements

NCDOT proposes to improve Kanuga Road (S.R. 1127) in Hendersonville, Henderson County. The improvements are included in the NCDOT 2018-2027 State Transportation Improvement Program (STIP) as Project No. R-5748. For more information about this project, please visit <https://www.ncdot.gov/news/public-meetings/Pages/default.aspx> or contact:

Jonathan Woodard, PE
 Project Engineer
 Division of Highways-Division 14
 253 Webster Road
 Sylva, N.C. 28779
 (828) 586-2141
jwoodard@ncdot.gov

NCDOT will provide interpretive services upon request for persons who do not speak English, or have a limited ability to read, speak, or understand English. Request assistance by calling 1-800-481-6494.

Aquellas personas que hablan español y no hablan inglés, o tienen limitaciones para leer, hablar o entender inglés, podrían recibir servicios de interpretación si los solicitan llamando al 1-800-481-6494.

Connecting people, products, and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina.



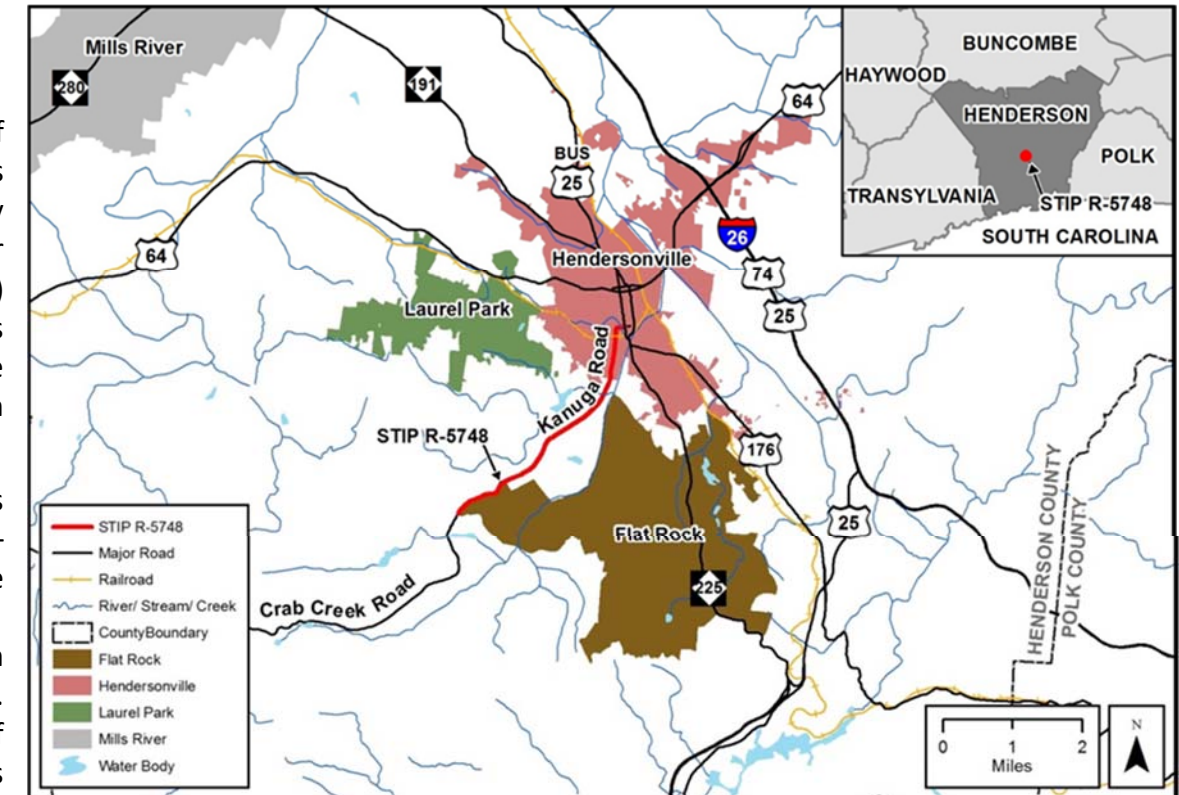
February 2019

Kanuga Road (S.R. 1127) Improvements From U.S. 25 Business (Church Street) to Little River Road (S.R. 1123) in Henderson County State Transportation Improvement Program (STIP) Project No. R-5748

Project Description

The N.C. Department of Transportation is continuing to study improvements for Kanuga Road (S.R. 1127) from U.S. 25 Business (Church Street) to Little River Road (S.R. 1123) in Henderson County.

This proposed project is included in the 2018–2027 NCDOT State Transportation Improvement Program (STIP) as Project No. R-5748. The purpose of the proposed project is to modernize and improve safety on Kanuga Road.



Background & Public Meetings

On July 18, 2017, a Public Meeting for the proposed improvements was held in the City Operations Building in Hendersonville. Approximately 177 residents/ business owners attended the Public Meeting, and 163 written comments were received. Comments centered around intersection improvements, property impacts, sidewalks, and bike lanes. Following the 2017 meetings, NCDOT refined the design by adding retaining walls, which minimized property impacts.

A second Public Meeting was held on October 30, 2018 at the City Operations Building. The purpose of the meeting was to inform the public of the project modifications and gather input. The revised design includes:

- Widening of Kanuga Road throughout the study area
- 11-foot travel lanes with 2-foot paved shoulders outside of the Hendersonville city limits and 14-foot shared lanes within
- 5-foot sidewalks with curb and gutter north of intersection at Erkwood Drive and State Street
- Intermittent retaining walls and expressway gutters to reduce impacts

Approximately 217 individuals and local business owners attended the Public Meeting. Participants submitted 170 comments subsequent to the meeting.

Project Update

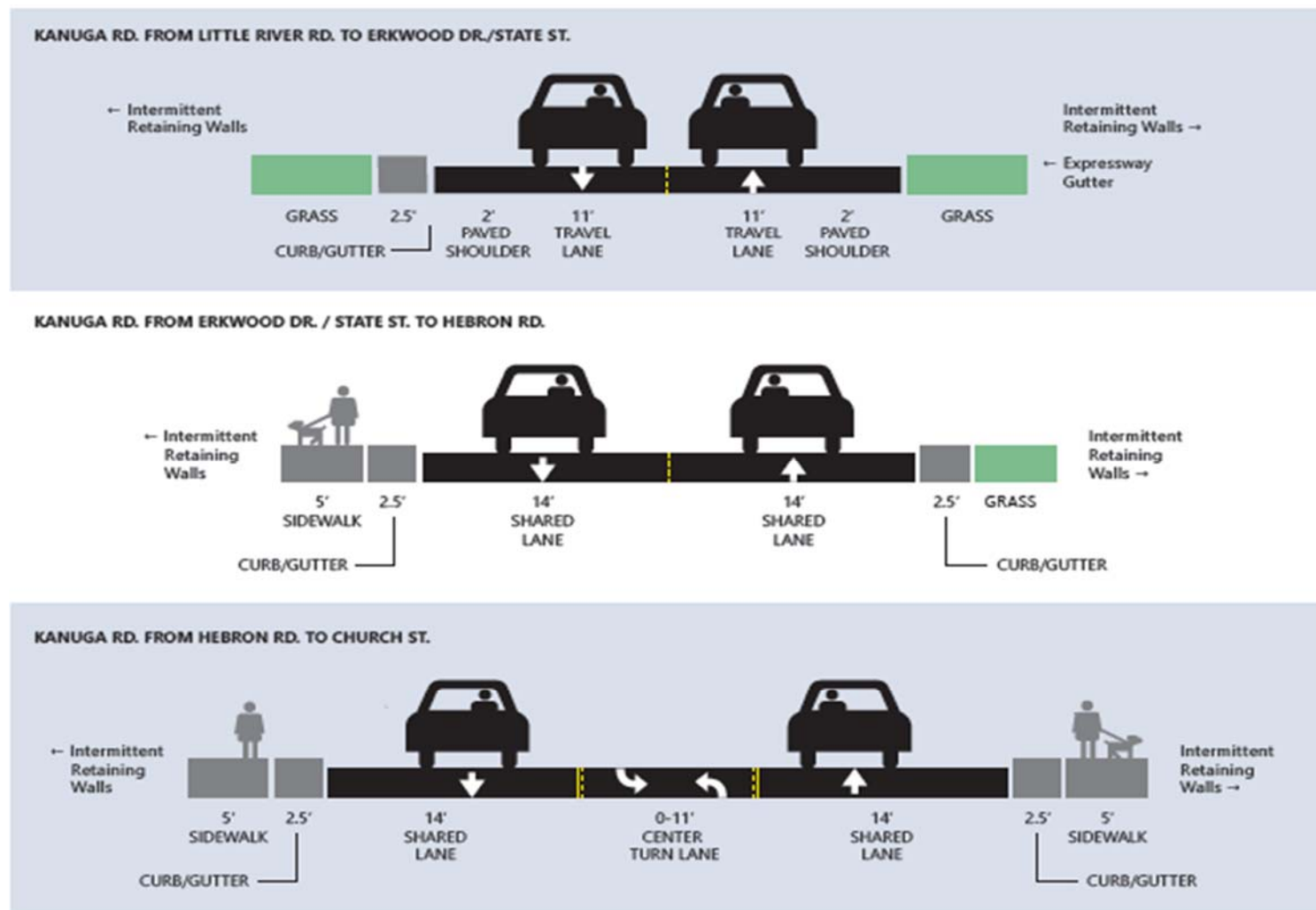
Since the second Public Meeting, NCDOT considered input received from the public and local government officials and implemented revisions to the design of the project. These revisions include:

- the addition of a turn lane at the intersection of Kanuga Road and Little River Road,
- removal of the center turn lane between Erkwood Drive/State Street and Hebron Road
- removal of the median island near Hebron Road that prevented left turns from being made, and
- optimization of the roadway alignment near Crooked Creek Road

The proposed typical sections of Kanuga Road are shown below.

Project Typical Sections

Sidewalks and decorative retaining walls may be subject to cost-sharing agreements with the local governments and/or Henderson County.



Project Schedule & Funding*

Event	Date
Complete the Final Environmental Document	Fall 2019
Right of Way Acquisition Begins	Fall 2020
Construction Begins	Fall 2022
Funding	Cost
Right of Way & Utilities	\$ 5.5 Million
Construction	\$14.5 Million

* Schedule and funding as shown in currently adopted STIP and are subject to change.

Responses to questions received as part of the public involvement process are listed below.

Can residential and business property impacts be minimized? After considering public comments, design changes have been implemented to reduce residential and business impacts. Intermittent retaining walls have been added to reduce cut and fill impacts to property.

During final design, NCDOT will continue to look for opportunities to reduce impacts to adjacent properties. NCDOT will coordinate with affected property owners to address specific concerns during the right of way acquisition process.

Can the proposed roundabout at White Street/Hebron Road/Kanuga Road be removed? The proposed roundabout is included in project U-5886 to improve White Street and will be constructed under that project.

Why are shared lanes and sidewalks proposed on this project? The N.C. Department of Transportation’s “Complete Streets” policy directs the department to consider and incorporate several modes of transportation when building new projects or making improvements to existing infrastructure.

The Henderson County Comprehensive Transportation Plan (2007) identifies Kanuga Road, State Street, Erkwood Drive, Church Street, and a portion of Willow Road as on-road bicycle facilities in need of improvement. Little River Road is identified as an existing bicycle facility.

Since the proposed project was first introduced to the public in 2017, the 4-foot paved shoulder for shared use from Little River Road to Erkwood Drive/State Street has been reduced to 2-feet. Five-foot sidewalks are included along both sides of the roadway from Hebron Road to Church Street and on the west side of Kanuga Road from Erkwood Drive/State Street to Hebron Road. The benefits of this design make it easier for travelers to get where they need to go; encourage the use of alternative forms of transportation; and improve safety for pedestrians, cyclists, and motorists.

Can the speed limit be lowered? NCDOT sets speed limits based on nationally accepted engineering practices. Studies show that arbitrarily setting speed limits below what is appropriate on a given roadway is ineffective and encourages driver disobedience. The proposed design maintains the current speed limits along Kanuga Road.

Will drainage along the road be improved? The project will improve the storm drainage facilities along the road. This will reduce the chances of hydroplaning in wet weather and aid with snow removal.