



Corridor Public Meeting

Hillsborough Street Streetscape, Phase 2

From Rosemary/Shepherd Street to Gardner Street

Forest Hills Baptist Church

201 Dixie Trail, Raleigh, NC 27607

Sponsored by: City of Raleigh and Kimley-Horn and Associates, Inc.

March 18, 2014

WELCOME

Welcome to the corridor public meeting for the design of the Hillsborough Street Streetscape, Phase 2 project. This is an open house sponsored by the City of Raleigh to present the project's (25 percent complete) engineering designs, answer your questions, and gather public comments on the streetscape and roadway design. Please walk around the room to view the displayed maps and ask questions of members of the project team here tonight from the City of Raleigh and the City's design consultant, Kimley-Horn and Associates, Inc. Thank you for your participation.

Beginning at 7:00 P.M., the public meeting will convene and a presentation will be made that will explain the design and the associated project schedule. We welcome your comments and questions following the presentation.

PROJECT DETAILS

- **Location:** See Figure 1. The proposed improvements along Hillsborough Street consist of converting the multi-lane undivided roadway section to a two-lane divided section with a raised median, marked bike lanes and wider sidewalks from Rosemary/Shepherd Street to Gardner Street. The improvements also include proposed single-lane roundabouts at Brooks Avenue, Dixie Trail and Rosemary/Shepherd Street. Dan Allen Drive will become a Right-in, Right-out with a westbound left turn lane. Construction limits on Hillsborough Street extend from Rosemary/Shepherd Street to Gardner Street.
- **Genesis of the Project:** A partnership comprising private businesses, homeowner groups, and public agencies began to shepherd the Hillsborough Street project when the street redesign plan was created in October 1999. Several years later, the Hillsborough Street Partnership (now called the Hillsborough Street Community Services Corporation (HSCSC)) was established as a non-profit organization comprised of representatives of the City of Raleigh, North Carolina State University, University Park Homeowners Association, and individuals who own property or manage businesses on Hillsborough Street. Currently, the HSCSC is spearheading a wide range of initiatives to reinvigorate "life on the street." The HSCSC is quick to point out that the reconstruction plan is a means to achieve its real objectives, which are to slow the traffic, enhance pedestrian safety, spur private reinvestment in Hillsborough Street properties, and increase the overall pedestrian and economic success along the Street. Learn more about the Corporation by visiting www.hillsboroughstreet.org.

- **Need/Benefit:** There is a need to improve safety for all travelers including pedestrians, bicyclists, bus patrons, and motorists. A reduction in travel lanes on Hillsborough Street has multiple benefits, including traffic speed reductions, additional space for wider sidewalks and shortened crosswalk distances for safer pedestrian crossing. At intersections with busy cross-streets, roundabouts will keep traffic flowing, albeit at slower speeds compared with traffic signals.
- **Description of Hillsborough Street:** Existing Hillsborough Street generally varies from three lanes to four lanes. There are five signalized intersections on Hillsborough Street between (and including) Rosemary/Shepherd Street and Gardner Street. It is rare when a motorist drives more than a mile on Hillsborough Street without stopping for a red light or stopped bus. Sidewalk widths and conditions vary considerably. The presence of street trees varies from none to large stands of prominent oaks. The presence of attractive brick walls along many sections of the campus frontage (south side) create well-designed walls to compensate for steep changes in topography. Various bus transit stops are located along the corridor that serves CAT, TTA, and Wolfline operations. This corridor has mostly commercial on the north and south, residential/mixed use planned on the south, and NCSU on the south between Dan Allen Drive and Gardner Street.
- **Pedestrians:** Pedestrian access to stores and businesses on Hillsborough Street will remain open during the project. All sidewalks on Hillsborough Street will be replaced with bricks that follow various patterns. Pedestrians will be encouraged to cross at well-designed crosswalks, some of which will be mid-block and some will be at the proposed roundabouts. As pedestrians walk along the edges of Hillsborough Street (both sides) at the roundabouts, the crosswalks will be moved out of their normal path compared to existing crosswalks, causing a slightly longer walk to get to the crosswalk. Pedestrians crossing Hillsborough Street and some side streets will have the benefit of a pedestrian refuge within a proposed median which will allow people to cross one lane at a time.
- **Bicyclists:** The project enhances conditions for bicyclists by creating a five-foot wide bike lane from Rosemary/Shepherd Street to Gardner Street. This bike lane will be marked throughout the entire corridor.
- **Bus Riders:** Three different transit operators provide bus service on Hillsborough Street. Key transfer stops between these bus systems allow riders to connect from campus to city to regional buses. The NC State *Wolfline* system operates the highest frequency of bus service and carries the highest ridership among the three systems. The proposed bus stop locations traveling east are located: prior to the Rosemary/Shepherd Street roundabout, prior to Dixie Trail roundabout and after the Brooks Avenue roundabout. The proposed bus stop locations traveling west are located: after the Rosemary/Shepherd Street roundabout, prior to Dixie Trail roundabout and prior to the Brooks Avenue roundabout (existing stop). Pedestrian crosswalks across Hillsborough Street are proposed near each bus stop.
- **Overhead (Private) Utility Lines:** The City is working with the private utility owners and engineer to design the installation of a utility duct bank under the south side of Hillsborough Street, enabling each to bury their wires. The companies include Duke Energy Progress, AT&T, Time Warner Cable, Level 3, and the City of Raleigh (traffic signal interconnect). Relocating the utilities underground will necessitate work inside individual businesses and properties to switch electrical connections from aerial to buried entry. Coordination with the property owners and the private utilities will take place early in the construction process to

make this as seamless as possible. Other underground utilities along the corridor are waterline, sanitary sewer, and stormwater pipes. Existing transmission lines run along the north side of the project and will not be part of the underground conversions. There will however be some poles that will need to be relocated along the corridor but will stay in line with their existing location.

- **Assessments:** Private property will not be assessed as part of the project.
- **Permits:** An encroachment permit will be required from the North Carolina Department of Transportation. There are no existing streams or wetlands along the corridor.

Design Information

- Street Alignment Follows existing
- Signals Roundabouts replace vehicular traffic signals on Hillsborough Street at Brooks Ave, Dixie Trail and Rosemary/Shepherd Street; Remove signal on Hillsborough Street at Dan Allen Drive; Retain signal at Gardner Street
- Typical Street Section Sidewalks on both sides of street at least 8 feet wide, various on-street parking locations, 5-foot bike lanes on both sides of street, travel lane 11 feet wide, and raised 4 foot wide median with curb
- Traffic Volume 18,600 vehicles per day (vpd) existing; 19,100 vpd future
- Length 2,650 linear feet
- Posted Speed 35 miles per hour (Citywide)
- Access Control Raised median prohibits left-turns (excluding Dan Allen Drive left turn). U-turn movements are facilitated at the roundabouts on Hillsborough Street at Brooks Avenue, Dixie Trail and Rosemary Street/Shepherd Road.
- Construction Cost \$7 million (excluding undergrounding of utilities)

UPCOMING ACTIVITIES

- Comments from tonight's meeting will be carefully reviewed and incorporated into the final design where possible.
- Hold a **65% Design Public Meeting** to review additional design and right-of-way impacts. This meeting is scheduled in June 2014 (tentative schedule).
- Conduct a **Design Presentation** through Raleigh's City Council to approve the project and authorize right-of-way acquisition. This meeting is scheduled for late Summer 2014 (tentative schedule).
- Prepare the Final Engineering Designs, taking into consideration comments received at the Design Public Meeting and Public Hearing.
- Acquire right-of-way and easements necessary to construct the project. Right-of-way acquisition is scheduled to begin after the Public Hearing in late Summer 2014 (tentative schedule).
- Award the construction contract of the project in December 2015 (tentative schedule).
- Begin construction of the project by Spring 2016 (tentative schedule).
- Complete construction of the project by Spring 2017 (tentative schedule).

PUBLIC INVOLVEMENT

This meeting is a continued part of a public involvement program for the proposed project and its purpose is to address the concerns of local citizens during the design process. Participation by all interested parties is encouraged and all comments will be taken into consideration during the design of the project. The City of Raleigh will notify citizens of the 65% Design Public Meeting tentatively scheduled for June 2014. Additional information is available on the City of Raleigh's website at www.raleighnc.gov by clicking "Projects" or by searching "Hillsborough Street Streetscape Phase 2" in the search bar.

A pre-addressed comment sheet is part of this handout and is for your use in providing us with your input regarding the proposed project. Please leave the comments with a representative of the City of Raleigh, or mail your comments to Mr. Ken Dunn at the following address by April 1, 2014:

City of Raleigh

Ken Dunn, P.E. Project Engineer
Public Works Department
City of Raleigh
222 West Hargett Street, Room 400
Raleigh, NC 27602

919-996-3030 telephone
919-996-7521 fax
KENNETH.DUNN@RALEIGHNC.GOV

Thank you for your participation this evening. The City of Raleigh and Kimley-Horn appreciate your feedback and look forward to working with you to address your comments and concerns on this important project!

CORRIDOR PUBLIC MEETING

CITY OF RALEIGH

Hillsborough Street Streetscape, Phase 2
From Rosemary /Shepherd Street To Gardner Street

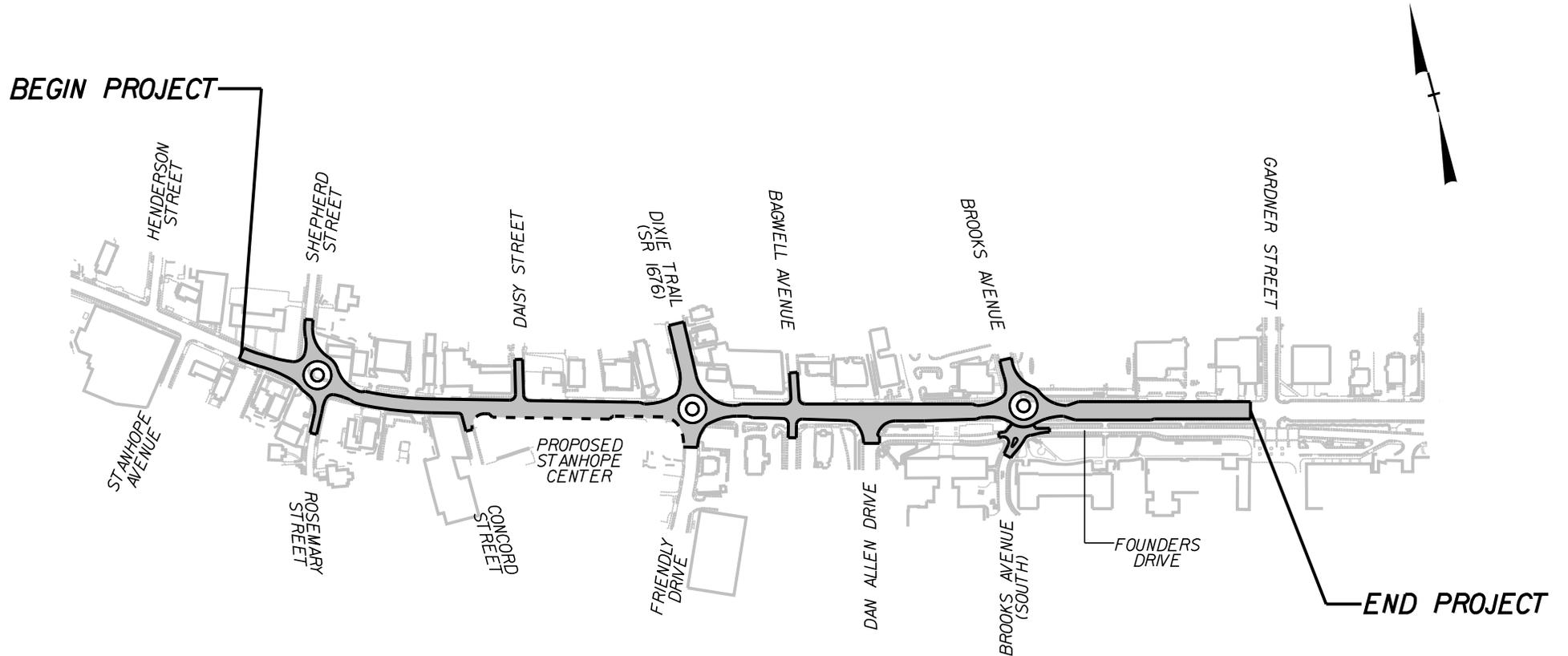


FIGURE 1

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TAPE
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PLACE
STAMP
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Mr. Ken Dunn, P.E.
City of Raleigh Public Works Department
Post Office Box 590
Raleigh, NC 27602