

## Cary

This project is being proposed in conjunction with Briarcliff Elementary School and Wake County Public School System officials to increase access and pedestrian safety for the students living in the area surrounding the school, particularly to the south and east sides where there is the greatest potential to encourage more students to walk or bike to school and to increase the safety for those students who already are choosing to walk or bike to school. There are many of students, a significant portion from low-moderate income families, in the area of high-density apartments and townhomes directly south of campus. Many parents choose to pick up/drop off their children, and this project will address safety concerns, which in turn should increase the real and perceived safety for pedestrians resulting in more students and parents choosing to walk or bicycle to Briarcliff Elementary. Briarcliff Elementary was the site of the Safe Routes to School National Training session held by NC DOT in April 2005 to introduce the program.

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## Franklinton

This project seeks to construct approximately 3,350 feet of sidewalk along Hillsborough St from Mason St to the Elementary School located at the intersection of Hillsborough St. and Mason St. This will allow students, pedestrians and bicyclists to safely travel to and from the Elementary School from the existing sidewalk facilities in the town and will serve the existing High School as well as the Elementary School.

This project is seeking to develop educational, encouragement and evaluation initiatives to promote awareness and safe use of the new sidewalk.

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## Garner

This project will seek to complete a four mile loop of sidewalk on Vandora Springs Rd, Aversboro Road and Timber Dr. This loop will serve the student population of three elementary schools in the immediate area. This project will also serve as pedestrian access to public libraries, town government facilities and shopping.

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## Knightdale

This project will seek to complete a 1.4-mile continuous sidewalk route with crosswalks at major intersections along Smithfield Road between Carrington Drive and Hinton View Lane linking several neighborhoods to both Lockhart and Forestville Road elementary schools. Together, these schools serve 716 elementary students, of which 480 live within a 2-mile radius. Several neighborhoods will be served and pedestrian access to other government services including the East Wake Library, Knightdale Town Hall, Public Safety Center, Environmental Park and the Post Office will be provided. This project also proposes major road crossings where pedestrian safety will be improved with signalized crosswalks.

Of particular note will be the addition of a signalized pedestrian crosswalk at Knightdale Boulevard (US Business 64) which has been, and continues to be, a major barrier to anything other than automobile travel between the northern and southern sides of Town.

This project will assist the Town in making the sidewalk route a continuous one that is safe for children and parents to walk to and from school, crossing major roads, while also having the opportunity to make related stops at the library, the Town's environmental park, government agencies and shopping centers.

## Raleigh

The City of Raleigh will partner with Sycamore Creek Elementary School administration and PTA to improve sidewalk connectivity within the Dominion Park Neighborhood, adjacent to the school, where there are numerous gaps in sidewalk connections and these connections are necessary to create a safe walking environment for students.

Sycamore Creek Elementary is one of Wake County's newest elementary schools opening in 2008 and is located at 10921 Leesville Road in Northwest Raleigh. The improved sidewalks connections between Dominion Park and Sycamore Creek Elementary will build upon the spirit of the existing partnership between the City and the school system.

Cape Charles Drive (North) - Construct 5' sidewalks on both sides with a 3' planting strip from Dominion Blvd to east of Bells Valley Drive.

Cape Charles Drive (South) - Construct 5' sidewalks on both sides with a 3' planting strip from Dominion Blvd to west of Magenta Court.

Dominion Blvd - Construct 5' sidewalks on the east side with a 3' planting strip From Cape Charles Drive (South) to Dominion Park Homeowner Association Drive.

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## Wake Forest

1. S Main St - Install pedestrian signals at the intersection of S Main St and Elm Ave with high visibility crosswalks, install MUTCD Standard school zone signage, one handicap ramp at the school driveway and radar speed feedback signage. We also plan to restripe S. Main Street as a No Parking area from Elm Avenue to Holding Avenue. We will center the centerline to provide room for 4' wide lanes for bicycle access.

2. Sycamore Ave - Sycamore is a one-way street from S Main St to College St and a two-way street from College St to S Wingate Ave. The Principal of Wake Forest Elementary School indicated they have had daily occurrences of vehicles traveling the wrong way on Sycamore Ave to S Main St during car pool drop off and pick up. In order to improve safety on this street, we will add a high visibility crosswalk along the 56' wide driveway on the north side of Sycamore Ave, handicap ramps, and a high visibility school crossing with yield lines, yield here signage, "DO NOT ENTER" pavement markings, school crossing signage, sidewalk replacement (where sidewalk is displaced by 8" from tree roots), and install three no parking signs placed appropriately to provide for an adequate line of sight.

3. S Wingate Ave - Install sidewalk on the east side (from Sycamore Ave to the northern most driveway at the Boys & Girls Club), install a high visibility crossing, yield lines, yield here signs and school crossing signage north of the driveway, pave sidewalk on the west

side of the street (from the crossing north to Durham RD), install MUTCD Standard school zone signage, and install radar speed feedback units.

4. Construct a sidewalk connection to provide safe and convenient route to school. These improvements include: S Wingate St - Pave sidewalk on the west side (from the current end of sidewalk, south to Vernon St).

School-wide we plan to have monthly pedestrian and bicycle themed activities, coordinate a walking school bus program, and have a t-shirt design contest in support of the walking school bus program and future International Walk to School Day efforts. We also plan to create a "We Walk and Roll to School" Pedometer Challenge for the 5th grade students.

#### **Wake Forest-Rolesville Middle School**

Create a Walk and Bike to school awareness/safety video. We also plan to have a t-shirt design contest in conjunction with the Safe Routes to School awareness safety program for the 6th grade students.

#### **Town of Wake Forest - Community Wide**

1. Host (2) community-wide bicycle safety rodeos. Provide training, bike lights, and helmets to children in need.
2. Procure the services of CycleSafe.org to conduct bicycle safety class instruction and hands-on demos that we hope will be fun for the children as well as provide them the opportunity to learn about safe bicycling behaviors that they can continue into the future for the following "hot spots" in Wake Forest: 5th grade students at Wake Forest Elementary and Heritage Elementary Schools and the 6th grade students at Wake Forest-Rolesville Middle and Heritage Middle Schools.
3. Print and distribute Bicycle Safety Tip Cards to all of the K-8 schools in Wake Forest, WF Police Officers, and other residents that attend the bicycle safety rodeos.

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#### **Wendell**

The program will primarily serve the students of Wendell Elementary School. The school serves grades K-5 and more than 500 students and is bounded by Wendell Boulevard/US 64 Business (the primary transportation corridor through town), Academy and Cypress Streets. Due to the number of vehicular trips per day, lack of curb cuts and sidewalk connectivity along portions of Wendell Boulevard, safe and adequate pedestrian areas are of extreme importance.

The project includes approximately 1,800 feet of 5-foot wide concrete sidewalk, 18 wheel chair ramps, and four crosswalks. The proposed project will provide a safe route from the school to the west side of town by connecting to the existing sidewalk system. It will provide a continuous, direct and safe route to the school from multiple neighborhoods and retail establishments where students currently do not have a safe, established pedestrian route.

## Town of Morrisville

The proposed projects include the construction of crosswalks and installation of school-zone signs with solar-powered, pole-mounted, radar speed-detectors and flashing lights to benefit the three schools in Morrisville: Cedar Fork Elementary School and Sterling Montessori School on Town Hall Drive and Morrisville Elementary on Morrisville Parkway.

The three crosswalks proposed will serve Morrisville Elementary School and will provide pedestrian connectivity north-south on the east-west running major thoroughfare of Morrisville Parkway. Currently there are no crosswalks near the elementary school, which limits the number of children able to reach the school safely from adjacent neighborhoods. The crosswalks are proposed at the entrance of Morrisville Elementary and Golden Horseshoe Circle, at the entrance of Morrisville Elementary and Morrisville Community Park near Huntington Park Drive, and north at Morrisville Parkway and Duck Pond Circle.

Further, the Town of Morrisville proposes five school-zone signs to be installed to enhance the safety of students traveling to school on bike or foot by lowering the speeds of vehicular traffic and raising awareness of the presence of walking and biking children and the need for caution. The school-zone signs will be placed at the entrance and at the exit of the school zone for Morrisville Elementary; at the entrance and at the exit of the school zone Cedar Fork Elementary and at the entrance of the shared school zone of Sterling Montessori School and Cedar Fork Elementary.

In addition to the infrastructure proposed (the engineering element) as part of this grant application, the Town of Morrisville plans to fulfill the other four “E’s” of education, enforcement, evaluation, and encouragement by working with the schools, our public information officer, our police and public works departments, and with future capital projects when evaluating if the school zones need additional infrastructure and outreach.

**Capital Area Metropolitan Planning Organization**  
**Resolution in Support of Safe Routes to Schools Program Applications**

**ATTACHMENT 7A**

WHEREAS, The Research Triangle Region has been designated as non-attainment for Ozone pollution by the US EPA and subject to all the health and regulatory constraints associated with such a designation; and

WHEREAS, NC DOT's Division of Bicycle and Pedestrian Transportation in 2006 established the Safe Routes to School Program as another opportunity to fund projects, programs and activities that will specifically encourage safe walking and bicycling transportation choice for children traveling to and from school; and

WHEREAS, the program is designed to educate children and to impact their behavior to increase their walking and biking to school, which will reduce traffic, fuel consumption, and air pollution within the vicinity of schools; and

WHEREAS, asthma and obesity are health threats to children across America and in our region, and are caused by pollution and sedentary lifestyle; and

WHEREAS, Triangle area communities and their associated schools desire to partner with NC DOT Bicycle / Pedestrian Division and specifically with the Safe Routes to Schools program through both infrastructure and non-infrastructure grant reimbursement programs to continue to educate children, and their families, about the impact of poor air quality, the positive aspects of biking and walking, and to promote idle reduction.

NOW, THEREFORE, BE IT RESOLVED, that the Capital Area Metropolitan Planning Organization supports NC DOT's Safe Routes to Schools program infrastructure and non-infrastructure grant applications to the Research Triangle Region schools for the following communities: Franklinton, Garner, Knightdale, Morrisville, Raleigh, Wake Forest, and Wendell.

Adopted this the 21<sup>st</sup> day of January, 2008

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Joe Bryan, Chair  
Transportation Advisory Committee

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Ed Johnson, Capital Area MPO Director  
Transportation Advisory Committee Clerk

County of Wake  
State of North Carolina

I, Diane Wilson, a Notary Public for Wake County, North Carolina, do hereby certify that \_\_\_\_\_ on this the 21<sup>st</sup> day of January, 2008 personally appeared before me this day and acknowledged execution of the foregoing instrument.

Witness my hand and official seal, this the 21<sup>st</sup> day of January, 2008.

(Official Seal)

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Diane Wilson    Notary Public

My commission expires January 26, 2011.