

## Bus on Shoulder System (BOSS)

The NC Department of Transportation and Triangle Transit began North Carolina's first Bus on Shoulder System (BOSS) pilot on July 16, 2012 on portions of Interstate 40 in Durham County in the Research Triangle Region.

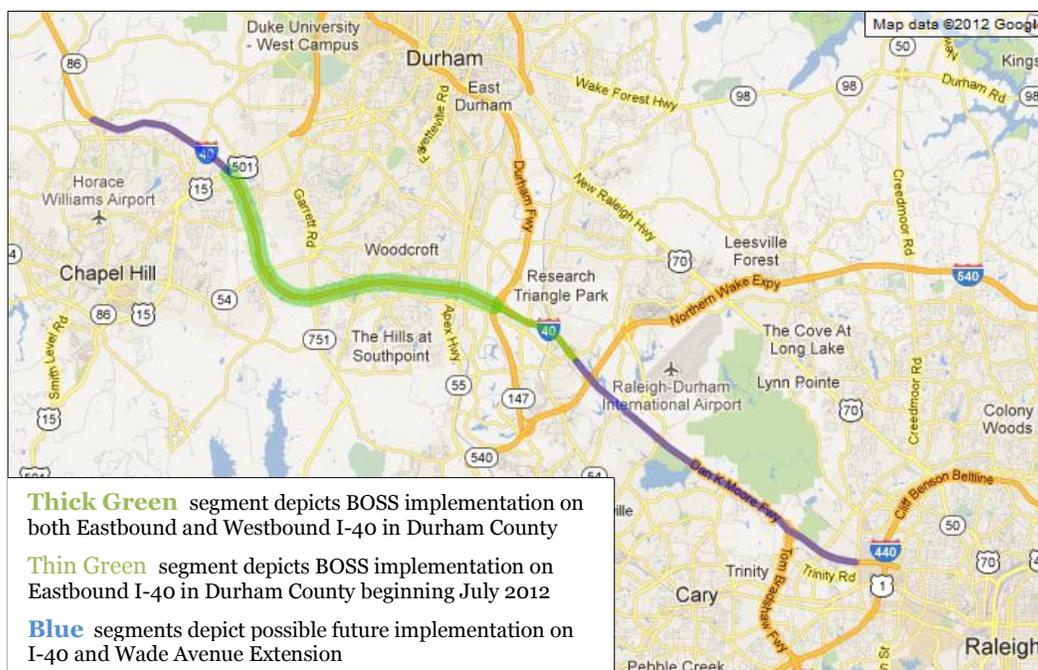
**About** Bus on shoulder operation is a low-cost treatment that can provide immediate benefits to transit by allowing authorized buses with trained drivers to operate on the shoulders of selected freeways to bypass congestion and maintain transit schedules.

**Guidelines** Authorized transit buses may only travel on designated shoulders when speeds are below 35 MPH in the main lanes. Buses cannot travel more than 15 MPH faster than traffic and will never exceed more than 35 MPH while traveling on the shoulder. Bus on shoulder operation is a subservient use of the shoulder and shoulders retain their primary use as a breakdown or emergency area.

**Benefits** The BOSS program will provide shorter, more predictable and reliable transit times, fewer missed transfer connections, increased ridership, and decreased operational costs.

**Location** The BOSS pilot area includes areas eastbound I-40 from U.S. 15-501 to Page Road, and on westbound I-40 from the Durham Freeway to U.S. 15-501. The pilot includes essentially the entire eastbound mileage of I-40 in Durham County, including all eastbound RTP exits, as well as westbound mileage in the County west of NC 147.

**Usage** Triangle Transit regional, express, and shuttle buses have used the BOSS program more than 100 times since the pilot began in July 2012. The majority of the usage occurs eastbound during the evening peak period.



**The following Triangle Transit routes can utilize at least a portion of the BOSS pilot section:**

- CRX - Chapel Hill – Raleigh Express
- Route 800 - Chapel Hill to the Regional Transit Center via The Streets at Southpoint
- Route 700 - Durham to the Regional Transit Center (Eastbound only on I-40)
- Shuttle 42 between the Regional Transit Center and IBM (Eastbound only on I-40)

**Future expansion** If the pilot proves to be successful, the program could be expanded to other segments of I-40 and/or other routes in the Triangle area, with the goal of creating a regional bus on shoulder system.

For more information, visit [triangletransit.org/boss](http://triangletransit.org/boss).