



*City of* **GREENSBORO** *North Carolina*

# Evolution of Complete Streets

2016 NCAMPO Conference

Chris Spencer, PE, GDOT

Daniel Amstutz, GDOT





# How are we doing?

## BiPed SCORECARD

### RESOURCES COMMITTED

**\$134**  
MILLION

2008 Greensboro  
Transportation  
Bond

**\$9**  
MILLION

Independent  
sidewalk  
construction  
from bond

**\$20**  
MILLION

Federal funding  
leveraged for  
sidewalk and  
greenways as of  
2015

All road projects include  
sidewalks on both sides

### PROGRESS MADE SINCE 2006

#### Sidewalk Construction

133.3 miles

#### Bicycle Lanes

11.9 miles

#### Other On-Street Bicycle Facilities

8.4 miles

#### Paved Greenways

7.0 miles

#### Unpaved Trails

16.0 miles

## MILES of Sidewalk

### ADDED IN THE CITY OF GREENSBORO SINCE 2006

#### Independent Sidewalk Projects

44.2 miles

#### City Roadway Bond Projects

11.5 miles

#### NCDOT Road Projects

14 miles

#### Private Developers

56.9 miles

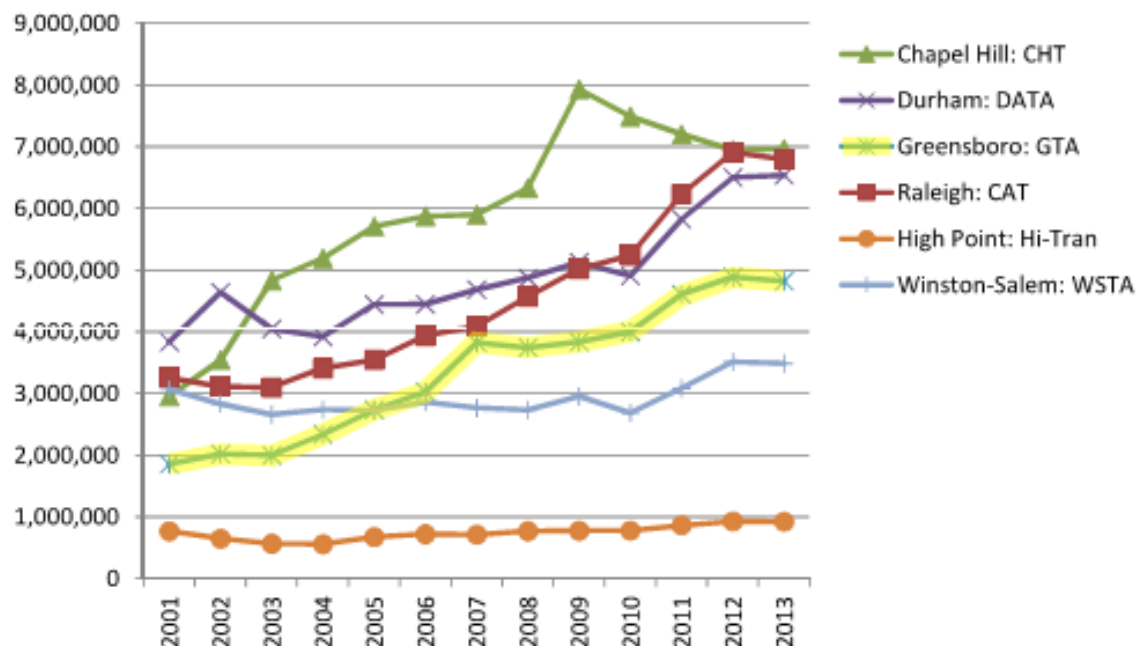
#### Annexation

6.7 miles

**TOTAL:**  
**133.3**  
MILES

## Fixed-Route Bus Ridership

Annual Unlinked Passenger Trips





City of **GREENSBORO**  
*North Carolina*

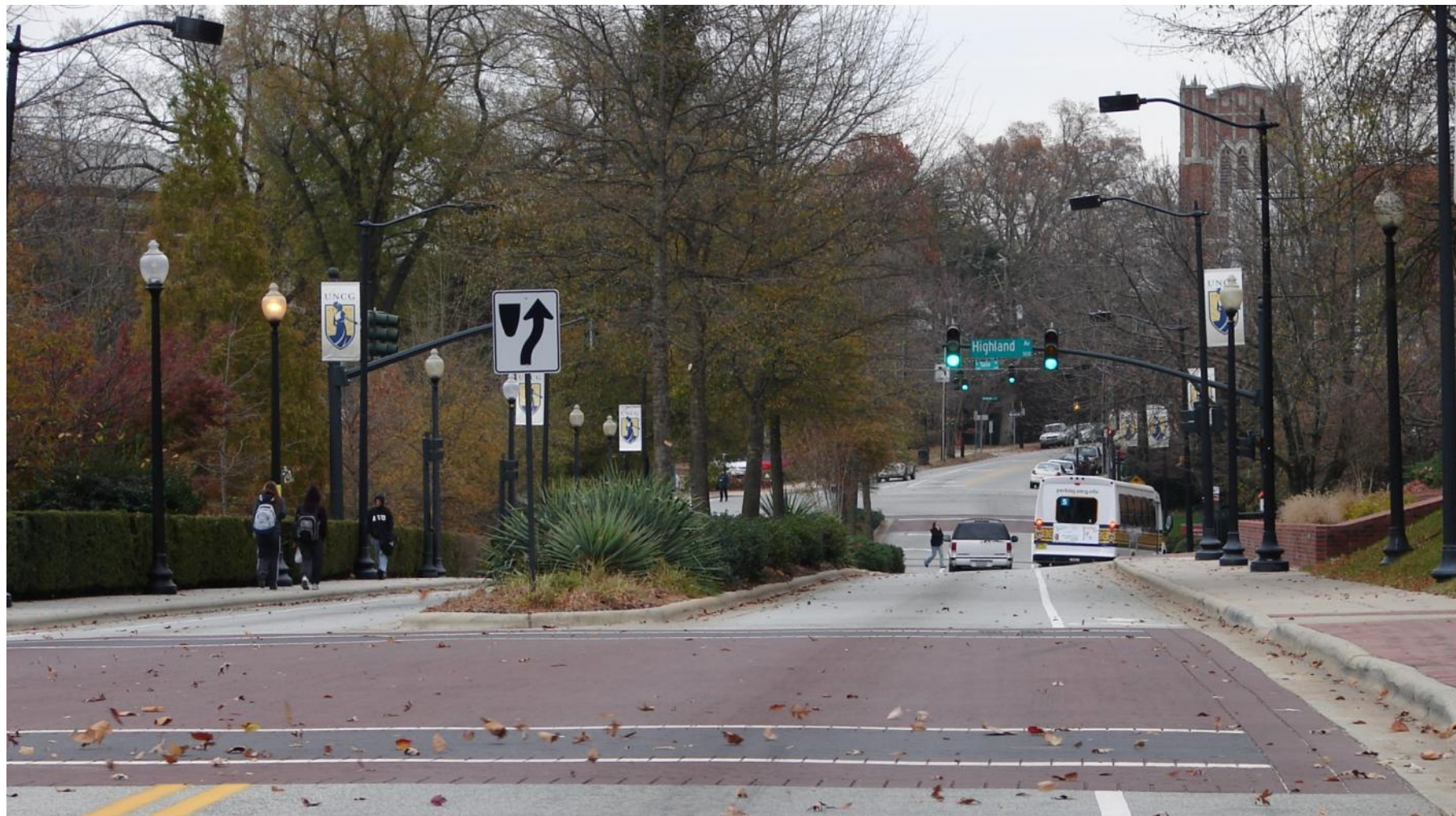






City of **GREENSBORO**  
North Carolina

# Spring Garden Street







City of **GREENSBORO**  
*North Carolina*







City of **GREENSBORO**  
*North Carolina*





City of **GREENSBORO**  
North Carolina

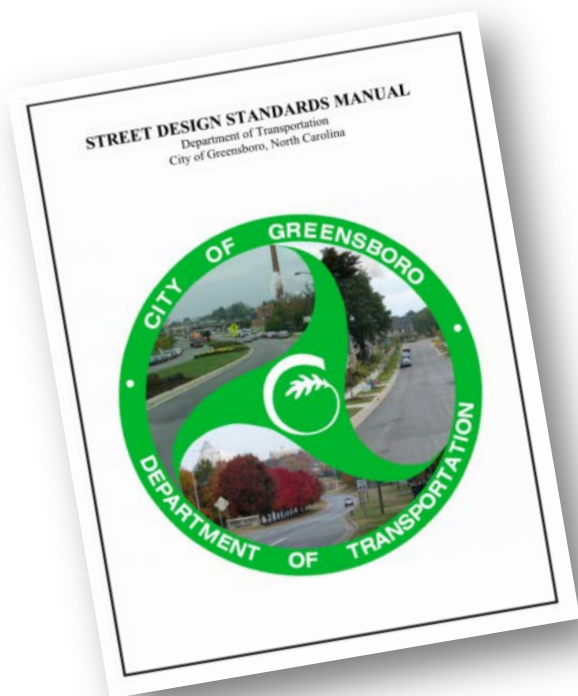






# Policy Changes

- Walkability Policy
- Street Design Standards







City of **GREENSBORO**  
*North Carolina*



**Friendly Avenue**



**Lake Jeanette Road**



**South Elm-Eugene Street**



**New Garden Road Phase II**





City of **GREENSBORO**  
North Carolina

# Greene Street / McGee Street

Roundabout - Angle Parking – Two-Way Modifications





City of **GREENSBORO**  
*North Carolina*







City of **GREENSBORO**  
*North Carolina*







City of **GREENSBORO**  
*North Carolina*







# East Market Street Streetscape



**PROPOSED IMPROVEMENTS AT BENBOW ROAD - LOOKING WEST**

*EAST MARKET STREET RENOVATIONS/STREETSCAPE PLANS*



City of **GREENSBORO**  
*North Carolina*







City of **GREENSBORO**  
*North Carolina*





City of **GREENSBORO**  
*North Carolina*







City of **GREENSBORO**  
*North Carolina*





City of **GREENSBORO**  
*North Carolina*







City of **GREENSBORO**  
North Carolina

# Gate City Blvd Streetscape





City of **GREENSBORO**  
*North Carolina*





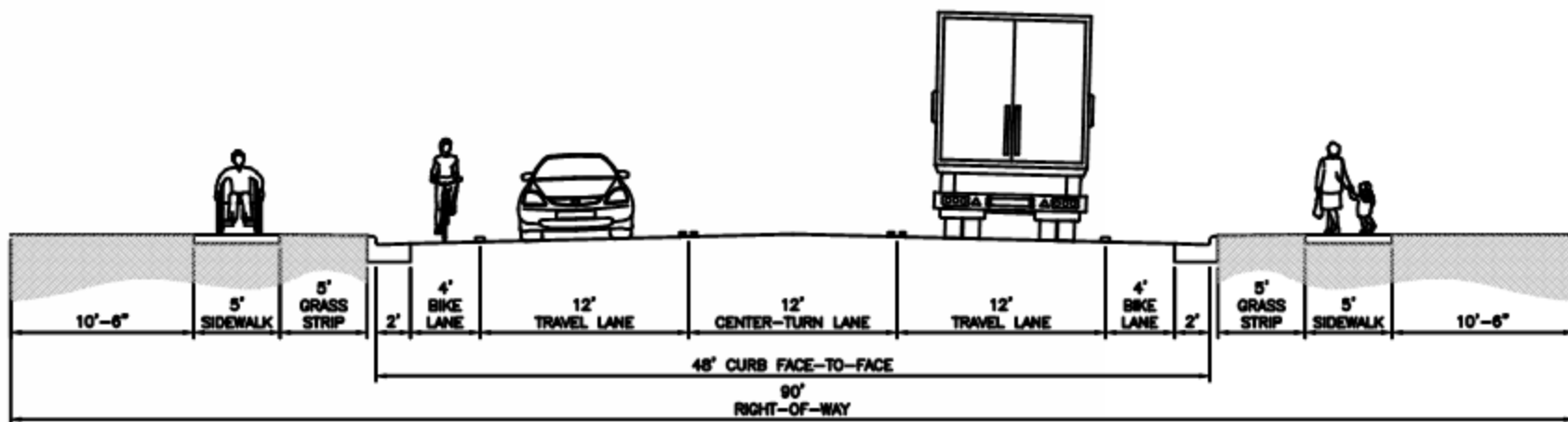


City of **GREENSBORO**  
*North Carolina*





# Alamance Church Road



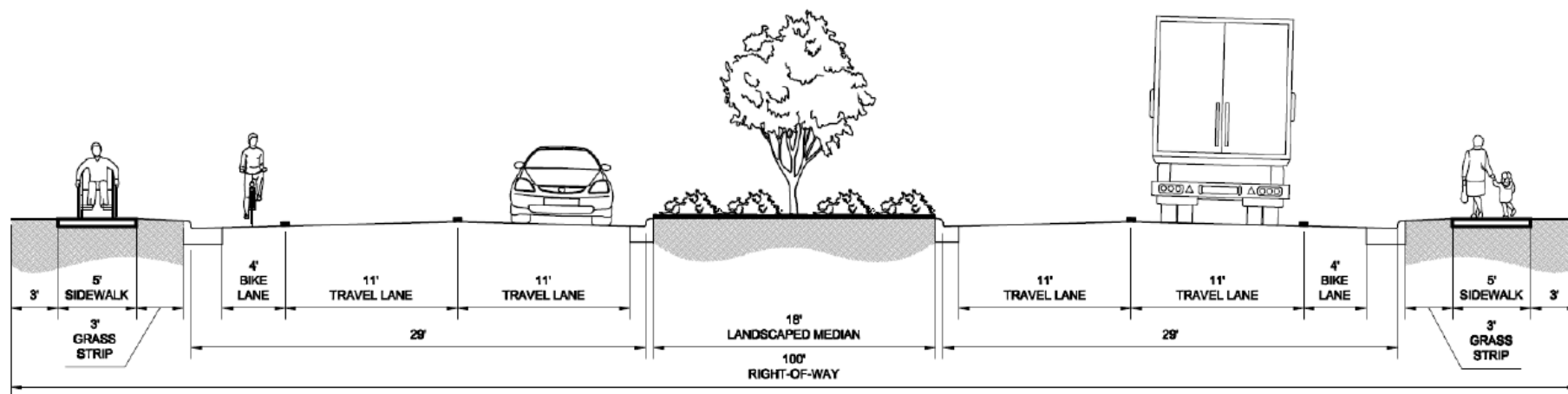




# Horse Pen Creek Road



## 4 Lane with Landscaped Median





# Summit Ave Streetscape

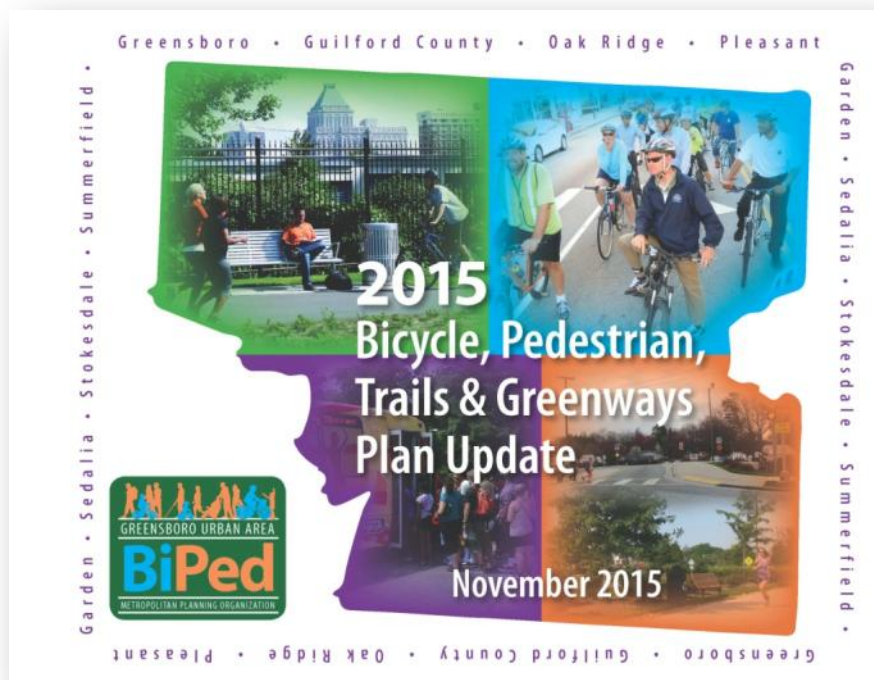






# Plans, Policies

- BiPed Plan (2006 & 2015)
- Complete Streets Policy





# Bicycle Facility Projects







# City of GREENSBORO

North Carolina

2015  
BIPED PLAN  
UPDATE

Map 2-18

## BICYCLE FACILITY RECOMMEND- ATIONS BY PHASING IN MPO AREA

### Legend

#### Recommendation

Short Term

Middle Term

Long Term

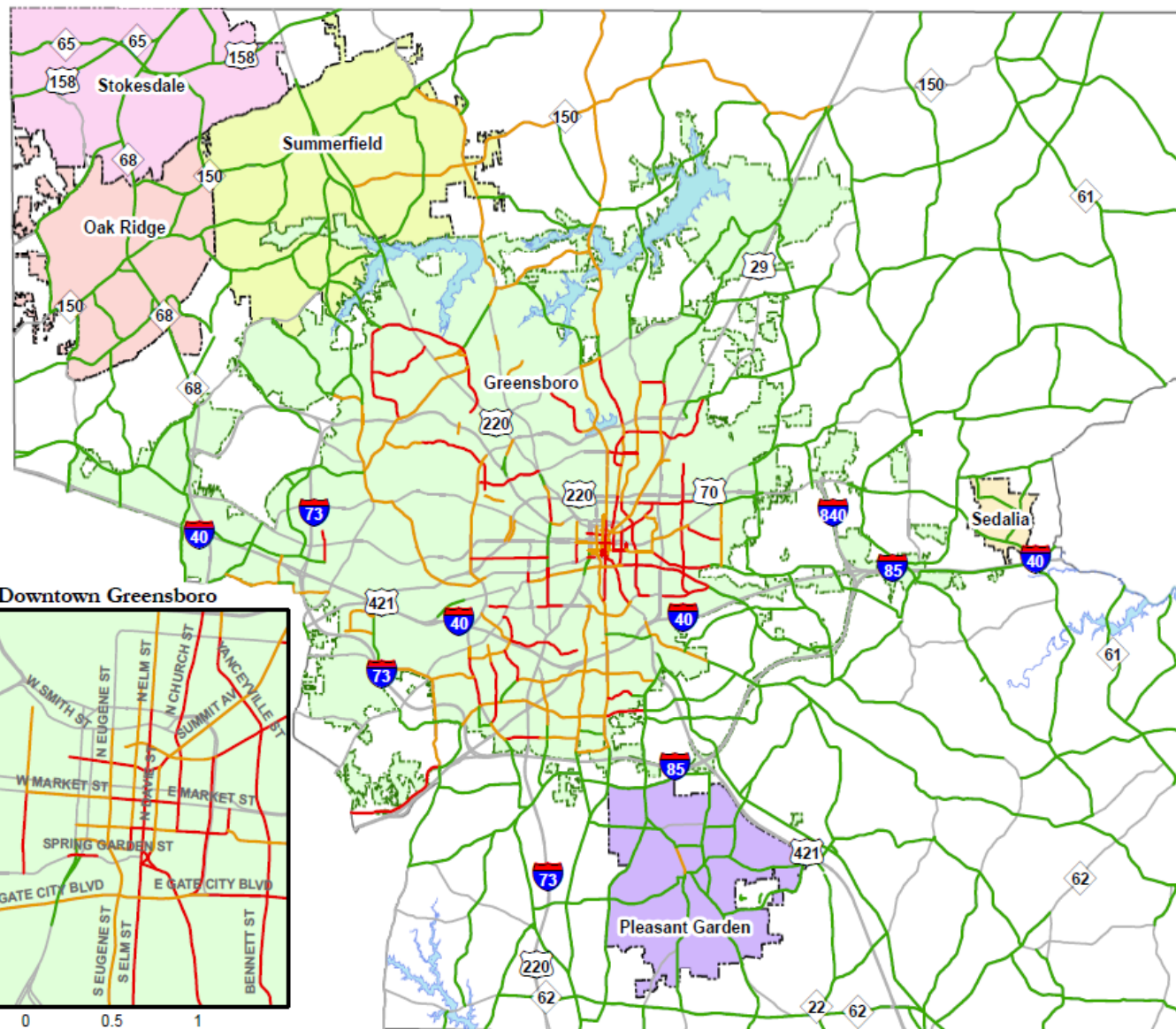
Major Street

Lakes



0 1 2  
Miles

greensboro urban area  
**MPO**  
metropolitan planning organization







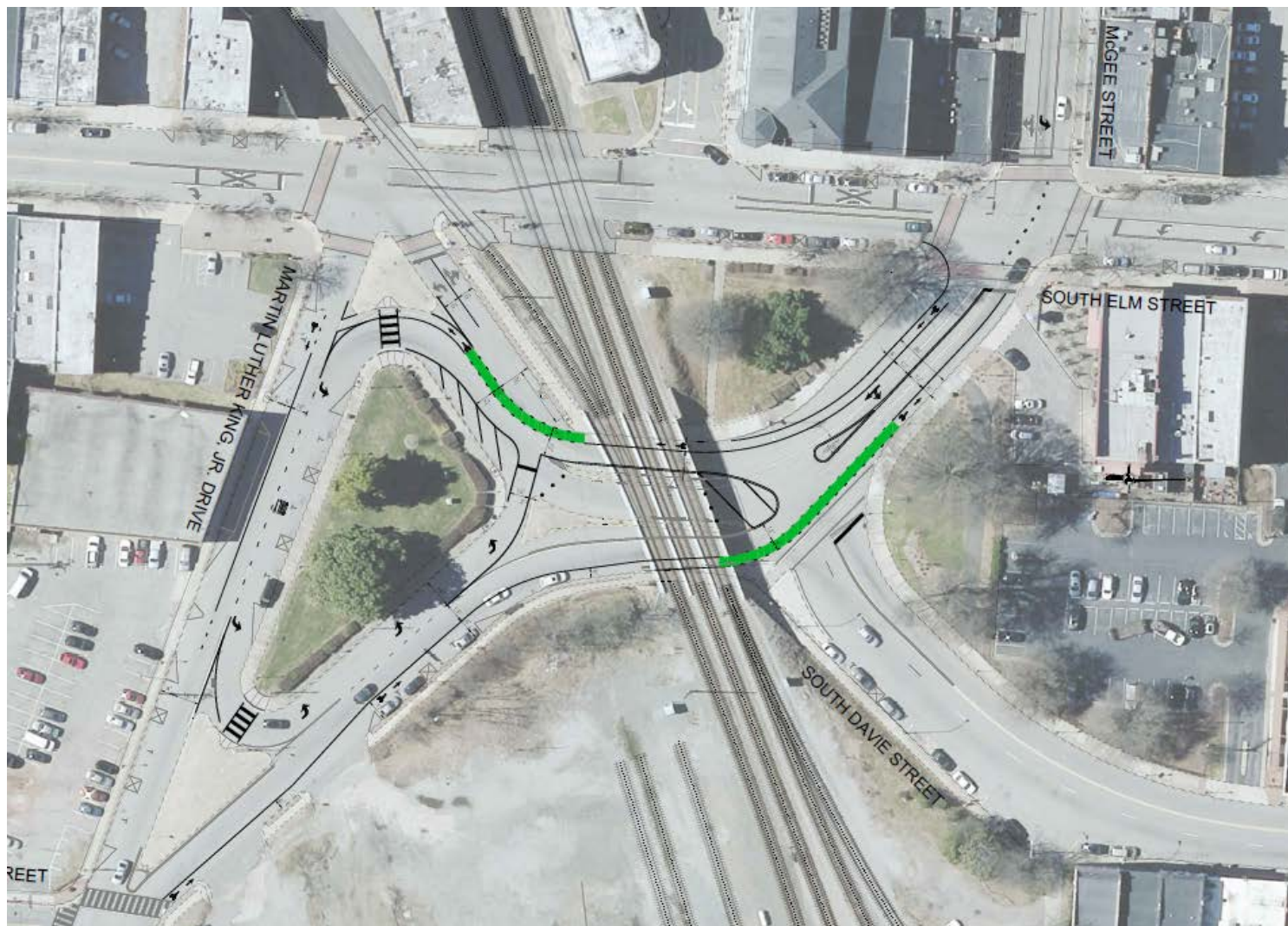
City of **GREENSBORO**  
*North Carolina*







# Hamburger Square







# Pedestrian Improvements: Sidewalks







# City of GREENSBORO

North Carolina

2015  
BIPED PLAN  
UPDATE

Map 3-7

SIDEWALK  
PROJECTS  
IMPLEMENTATION  
-  
CITY OF  
GREENSBORO

Legend

Sidewalk Projects

- 2015
- 2016
- 2017
- 2018
- 2019
- 2020

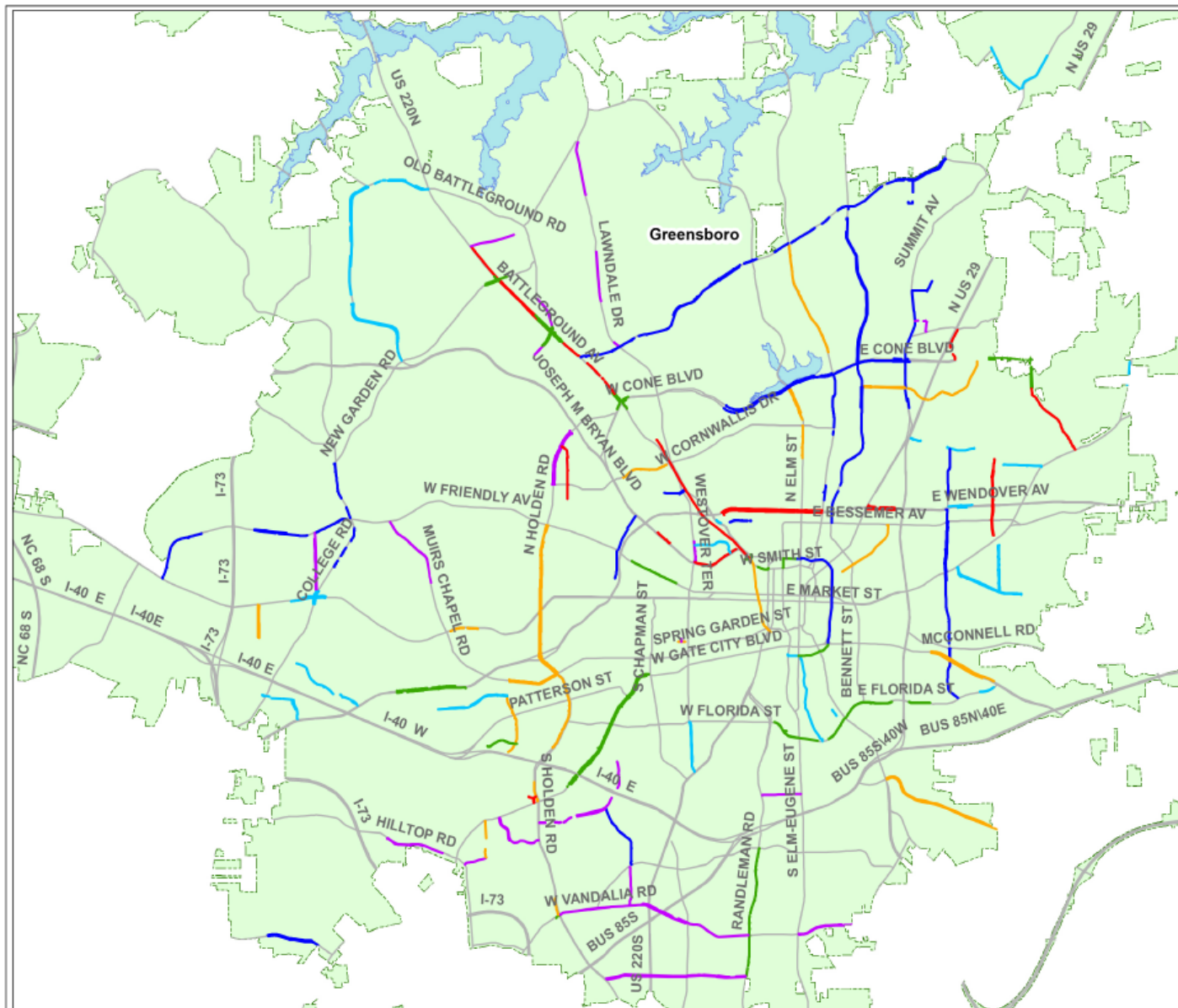
Major Street

Lakes

City of Greensboro



0 0.5 1  
Miles





# Other Pedestrian Improvements







City of **GREENSBORO**  
North Carolina

# Progress Continues





# Thank You

Chris Spencer, PE, GDOT

[Chris.Spencer@greensboro-nc.gov](mailto:Chris.Spencer@greensboro-nc.gov)

Daniel Amstutz, GDOT

[Daniel.Amstutz@greensboro-nc.gov](mailto:Daniel.Amstutz@greensboro-nc.gov)