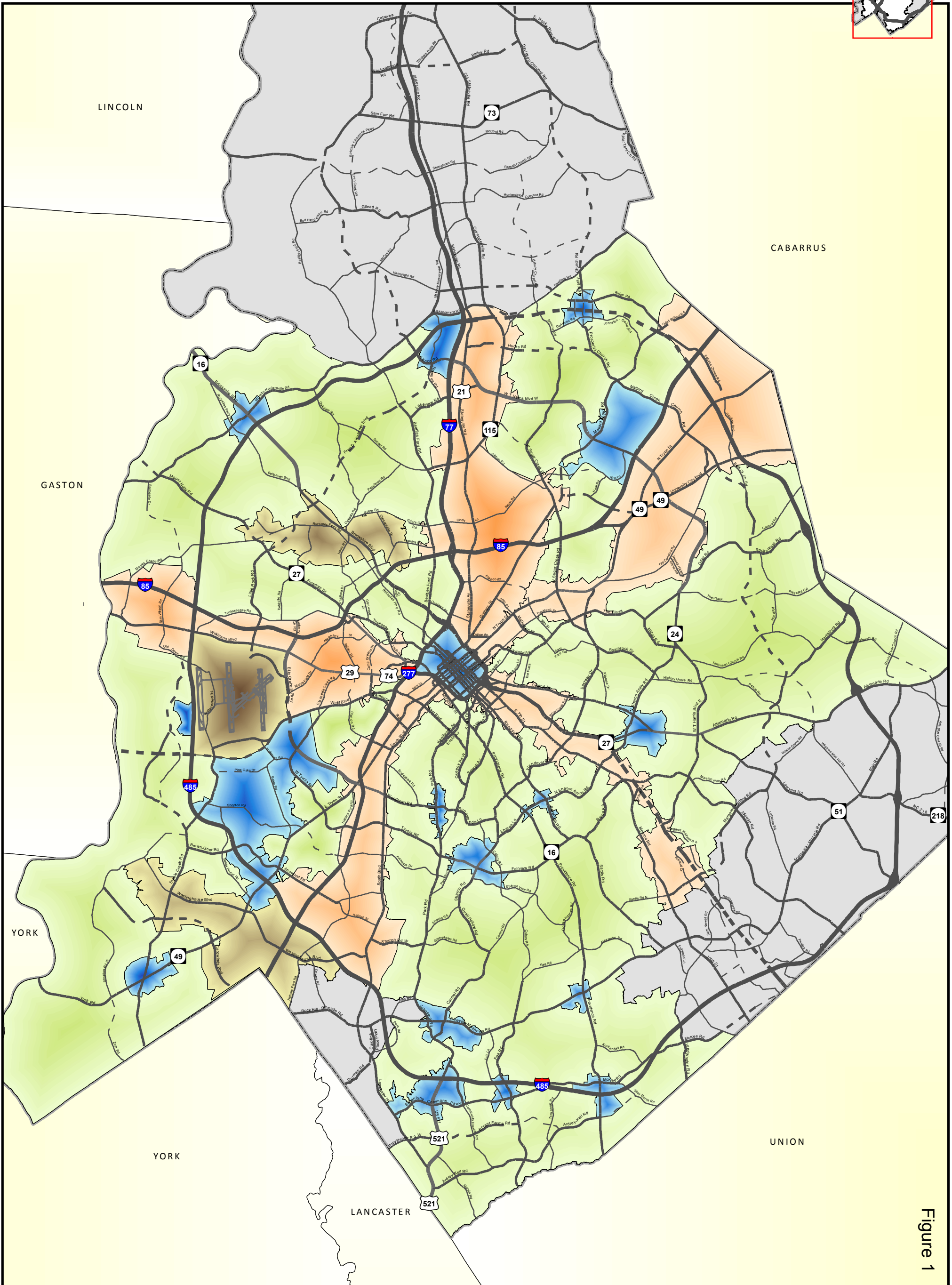
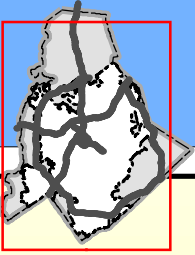
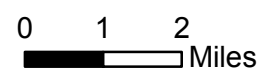




Centers, Corridors and Wedges Map



Thoroughfares	Planning Area
Freeway	Corridor
Major - Class III	Industrial Activity Center
Major thoroughfare	Mixed Use Activity Center
Minor thoroughfare	Wedge
Freeway - Proposed	
Major - Proposed	
Minor - Proposed	

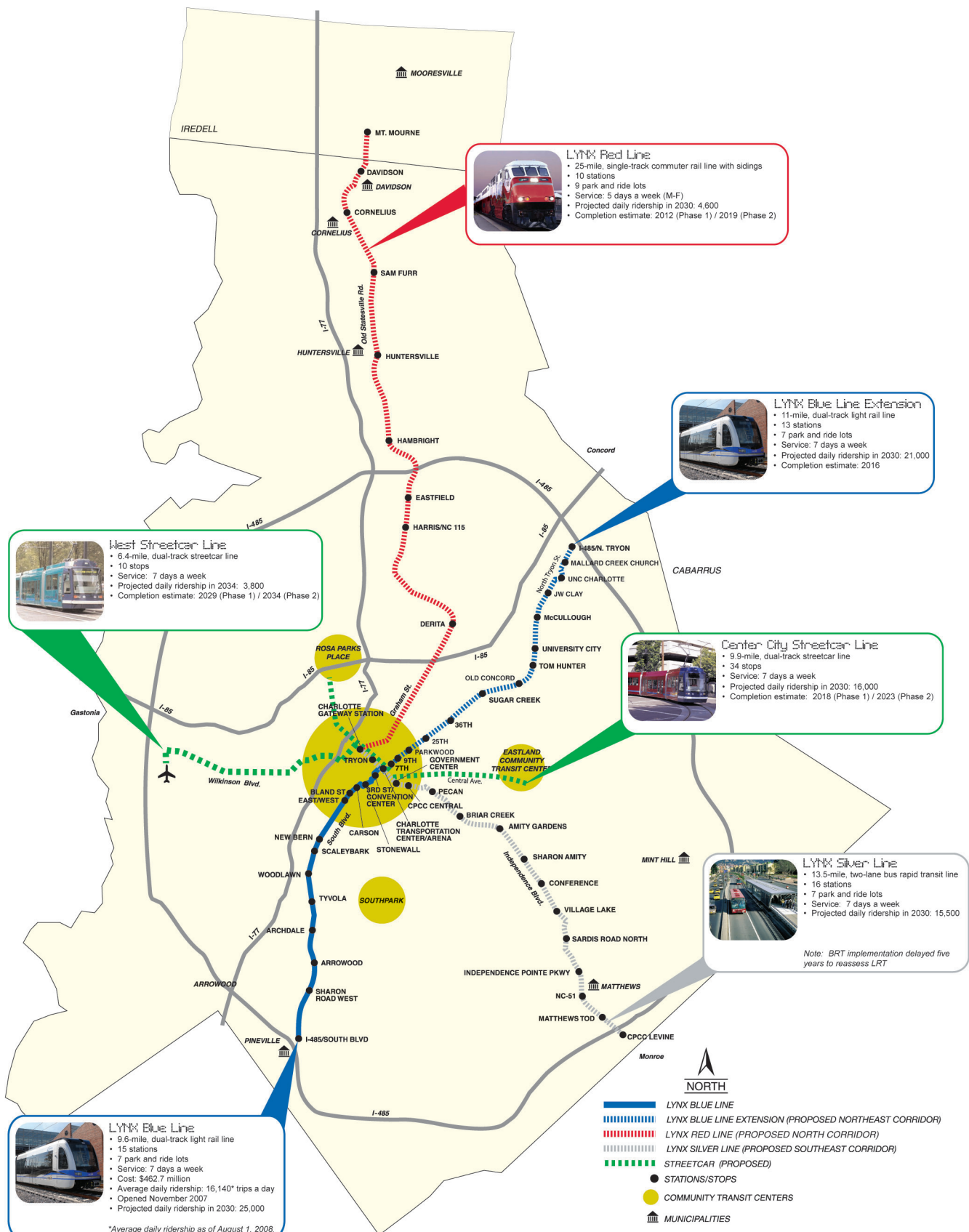


Planning & Design - GIS
 March 15, 2011
 Source: Planning
 Centers_Corridors_Wedges_TAPUpdate_11x17



Figure 1

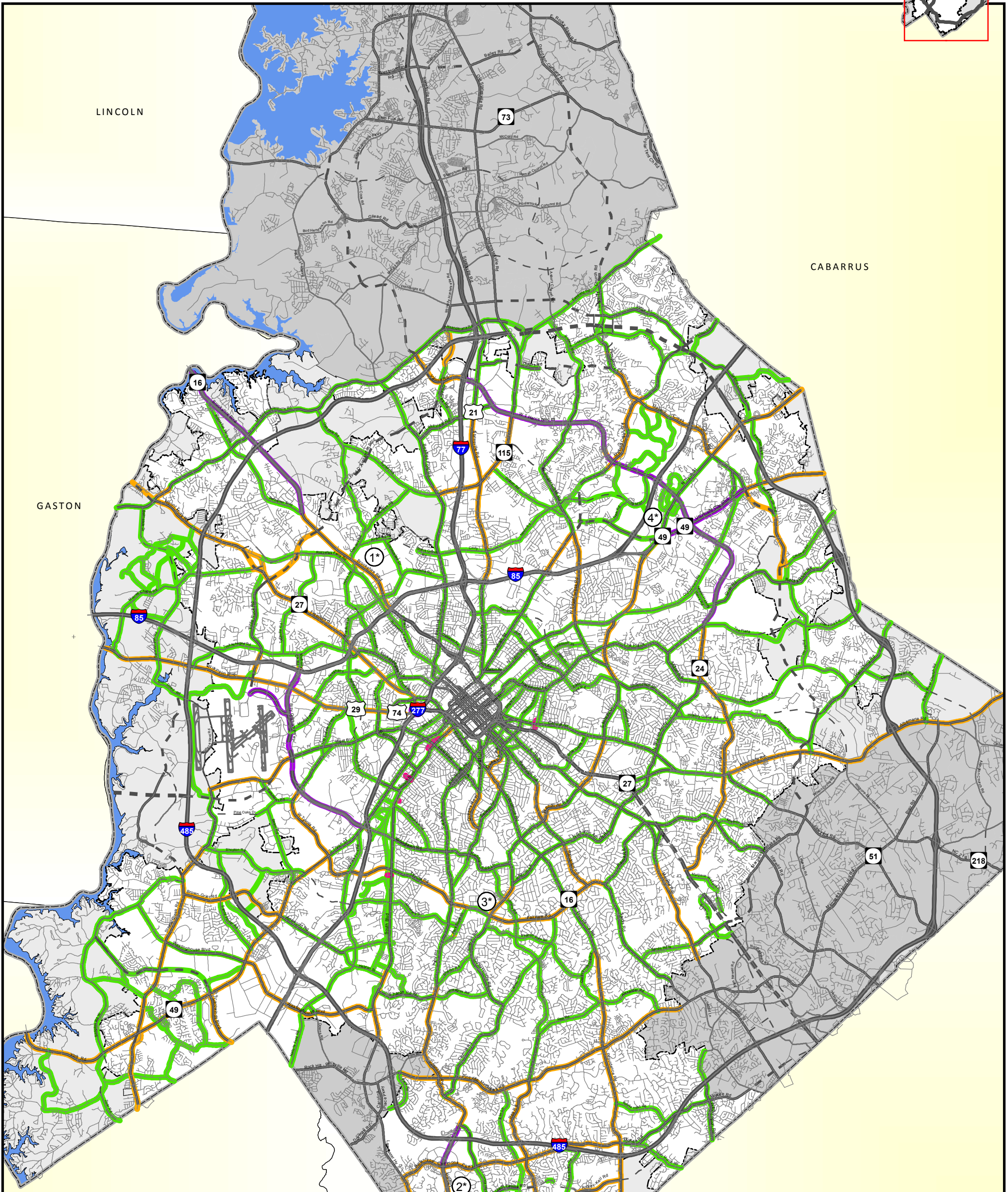
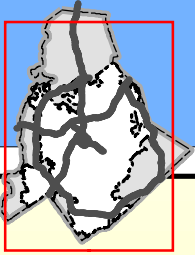
2030 Transit System Plan



*Inflation-adjusted to the estimated year of completion.

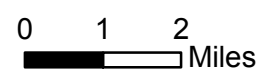


USDG Street Classification Map



- Notes:
- 1) In this section of Brookshire Blvd the cross-section is that of a "parkway", but currently the access points are more frequent than recommended for a "parkway".
 - 2) Since US 521 includes access intervals similar to a "boulevard", but the cross-section and most design elements are those of a "parkway", pedestrian and bicycle facilities are expected to be provided by adjacent sidepaths.
 - 3) These segments of Fairview and Sharon Roads are located in an Activity Center. While adjacent segments function as "boulevards", intersection spacing and motor vehicle speeds within the Activity Center segments are or will be different than those of most "boulevards".
 - 4) This section of North Tryon Street will include the Blue Line Extension (light-rail transit line) within the median. The 1,000' -1,500' spacing of intersections will not be typical for an "avenue", but site designs within station areas are expected to be more like those placed along "avenues".

Thoroughfares		Spheres of Influence		USDG Street Classifications	
	Freeway		City Limits		AVE
	Major - Class III		Charlotte Sphere of Influence		BLVD
	Major thoroughfare		Adjoining Municipalities and Their Spheres of Influence		MAIN ST
	Minor thoroughfare				PKWY
	Freeway - Proposed				
	Major - Proposed				
	Minor - Proposed				



Planning & Design - GIS
 March 15, 2011
 Source: CDOT
 StreetClassifications_TAPUpdate_11x17.mxd



Figure 3

Figure 4:
Locally Funded Transportation Programs and Improvements List

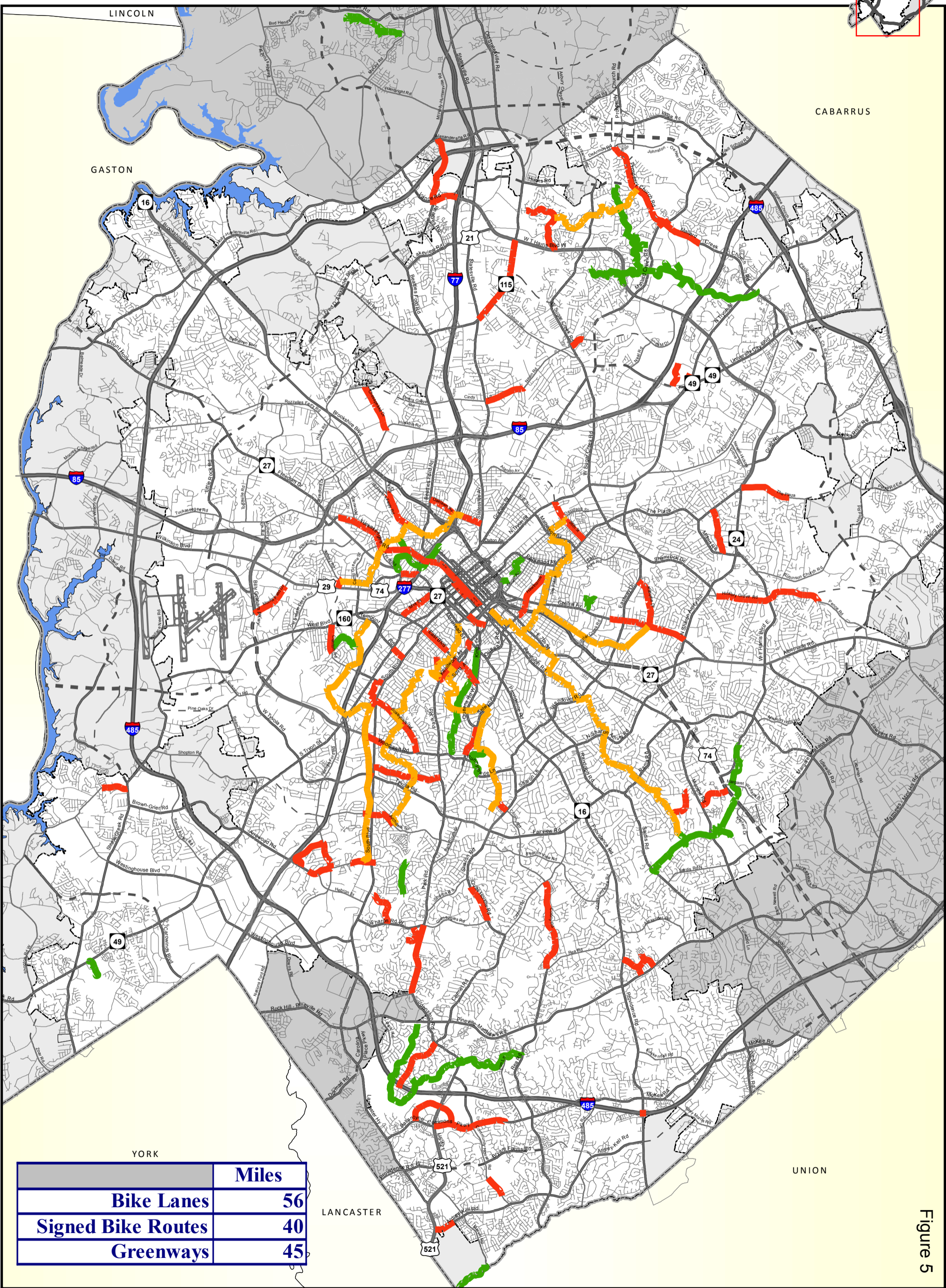
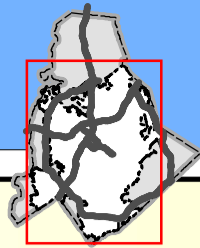
Figure 4

Program Category	TAP Goal	To be accomplished during TAP timeframe using proposed funding level	2011-2015	2016-2025	2026-2035	Total 2011-2035
Motorists: Capacity and Safety Improvements						
Bridge Program	2	Inspect every city-maintained bridge (currently 193) every two years and make repairs as necessary (\$35,000,000); replace 10 bridges (\$40,000,000)	\$ 15,000,000	\$ 30,000,000	\$ 30,000,000	\$ 75,000,000
Curb and Gutter Maintenance Program	2	Replace 250 miles of curb & gutter @ \$150,000/mile	\$ 2,500,000	\$ 5,000,000	\$ 5,000,000	\$ 12,500,000
Farm-to-Market Road Improvement Program	2	Modify rural roads to City standards (approx. 60 miles @ \$8,000,000/mile)	\$ 100,000,000	\$ 200,000,000	\$ 200,000,000	\$ 500,000,000
Intersection Capacity & Multimodal Enhancement Program	2	Upgrade 50 intersections (@ \$5,000,000 each)	\$ 50,000,000	\$ 100,000,000	\$ 100,000,000	\$ 250,000,000
Major Thoroughfare and Street Projects	2	Construct approximately 50 locally-funded projects (see Appendix B-5)	\$ 150,000,000	\$ 300,000,000	\$ 300,000,000	\$ 750,000,000
Minor Roadway Improvement Program	2	Construct 250 low-cost improvement projects @ \$250,000 each	\$ 12,500,000	\$ 25,000,000	\$ 25,000,000	\$ 62,500,000
Pedestrian & Traffic Safety Program	2	Construct projects that enhance the safety of motorists and other travelers	\$ 5,000,000	\$ 10,000,000	\$ 10,000,000	\$ 25,000,000
Public-Private Participation Program	5	Share costs with private developers to create better projects (approx. 250 projects @ \$175,000)	\$ 8,750,000	\$ 17,500,000	\$ 17,500,000	\$ 43,750,000
Railroad Grade Crossing Improvement Program	2	Improve 70 railroad grade crossings at \$15,000 each	\$ 210,000	\$ 420,000	\$ 420,000	\$ 1,050,000
Railroad Safety Improvement Program	2	Improve 75 railroad crossing signals at \$15,000 each	\$ 225,000	\$ 450,000	\$ 450,000	\$ 1,125,000
State Highway Participation Program	5	Share costs with State to create better projects, including funding to improve street lighting and sidewalks	\$ 10,000,000	\$ 20,000,000	\$ 20,000,000	\$ 50,000,000
Street Connectivity Program	2	Construct 50 street connections (@\$1,000,000/ea.), 3 miles of new connector streets (@\$8,000,000/mi.), 25 stream crossings (@\$1,000,000/ea.) and funds for ROW protection (@\$1,000,000/yr.)	\$ 25,000,000	\$ 50,000,000	\$ 50,000,000	\$ 125,000,000
Street Lighting Installation Program	2	Install streetlights on the 150 miles of thoroughfares that are not presently illuminated	\$ -	\$ -	\$ -	\$ -
Street Resurfacing Program	2	Maintain street resurfacing at 12-year resurfacing cycle	\$ 30,000,000	\$ 60,000,000	\$ 60,000,000	\$ 150,000,000
Traffic Control Devices Upgrade Program	2	Maintain all existing intersections (725) as well as 325 new intersections over next 25 years while upgrading 1250 (50/yr.) signalized intersections with new equipment (\$30,000,000); construct new Traffic Management Center (\$10,000,000); upgrade all signs and markings to meet higher visibility standard (\$25,000,000), and upgrade 375 intersections over 25-years to include APS devices for visually impaired (\$5,625,000).	\$ 15,000,000	\$ 30,000,000	\$ 30,000,000	\$ 75,000,000
Traffic Flow Enhancement Program	2	Improve traffic flow by using existing streets more efficiently through several techniques: Optimal signal coordination (\$35,000,000), ITS (\$15,000,000), and incident management (\$25,000,000)	\$ 10,000,000	\$ 25,000,000	\$ 25,000,000	\$ 60,000,000
Capacity and Safety Improvements Total			\$ 434,185,000	\$ 873,370,000	\$ 873,370,000	\$ 2,180,925,000

**Figure 4:
Locally Funded Transportation Programs and Improvements List
(continued)**

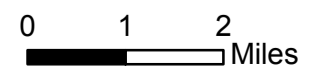
Program Category	TAP Goal	To be accomplished during TAP timeframe using proposed funding level	2011-2015	2016-2025	2026-2035	Total 2011-2035
Pedestrian Pathways						
Pedestrian Connectivity Program	2	Construct 100 bike/ped connections (@\$100,000 each) & 250 mid-block crossings (@\$40,000/ea.)	\$ -	\$ -	\$ -	\$ -
Safe Routes to School Program	2	Implement projects at 25 schools at \$1,000,000 each	\$ -	\$ -	\$ -	\$ -
Sidewalk Construction Program	2	Construct 150 miles of new sidewalks @\$1,000,000/mile	\$ 30,000,000	\$ 60,000,000	\$ 60,000,000	\$ 150,000,000
Sidewalk Maintenance Program	2	Replace 200 miles of sidewalk @ \$125,000/mile	\$ 5,000,000	\$ 10,000,000	\$ 10,000,000	\$ 25,000,000
Pedestrian Pathways Total			\$ 35,000,000	\$ 70,000,000	\$ 70,000,000	\$ 175,000,000
Bicycle Pathways						
Bicycle Program	2	Construct 500 miles of bikeways including bike lanes, bike routes and greenways	\$ 10,000,000	\$ 20,000,000	\$ 20,000,000	\$ 50,000,000
Bicycle Pathways Total			\$ 10,000,000	\$ 20,000,000	\$ 20,000,000	\$ 50,000,000
Centers, Corridors and Livable Neighborhoods						
Air Quality and Congestion Mitigation Program	3	Construct projects that can help improve air quality within Charlotte	\$ -	\$ -	\$ -	\$ -
Area Plan Capital Project Program	2	Implement 25 area plan projects at \$500,000 each	\$ 2,500,000	\$ 5,000,000	\$ 5,000,000	\$ 12,500,000
Center City Implementation Program	1	Implement low-cost transportation infrastructure improvements as outlined in Center City Transportation Study	\$ 10,000,000	\$ 20,000,000	\$ 20,000,000	\$ 50,000,000
Centers and Corridors Implementation: Corridors	1	Complete station area projects in all four remaining corridors (10 stations @ \$5,000,000 each)	\$ 10,000,000	\$ 25,000,000	\$ 15,000,000	\$ 50,000,000
Centers and Corridors Implementation: Centers	1	Implement 5 regional center projects (\$5,000,000 each) and 10 subregional center projects (\$2,000,000 each)	\$ -	\$ -	\$ -	\$ -
Streetscape/Pedscape Program	2	Implement 25 projects at \$3,000,000 each	\$ 15,000,000	\$ 30,000,000	\$ 30,000,000	\$ 75,000,000
Traffic Calming Program	2	Construct 35-40 smaller projects (i.e. using speed humps) per year (\$250,000) and 5 larger projects (i.e. using traffic circles or other) per year (\$1,250,000)	\$ 5,000,000	\$ 10,000,000	\$ 10,000,000	\$ 25,000,000
Livable Neighborhoods and Centers Total			\$ 42,500,000	\$ 90,000,000	\$ 80,000,000	\$ 212,500,000
PROGRAM & PROJECT GRAND TOTAL			\$ 521,685,000	\$ 1,053,370,000	\$ 1,043,370,000	\$ 2,618,425,000

Existing Bicycle Facilities



	Miles
Bike Lanes	56
Signed Bike Routes	40
Greenways	45

Thoroughfares Freeway Major - Class III Major thoroughfare Minor thoroughfare Freeway - Proposed Major - Proposed Minor - Proposed	Spheres of Influence City Limits Charlotte Sphere of Influence Adjoining Municipalities and Their Spheres of Influence	Bikeway Facilities Existing Bike Lanes Existing Signed Bike Routes Existing Greenways
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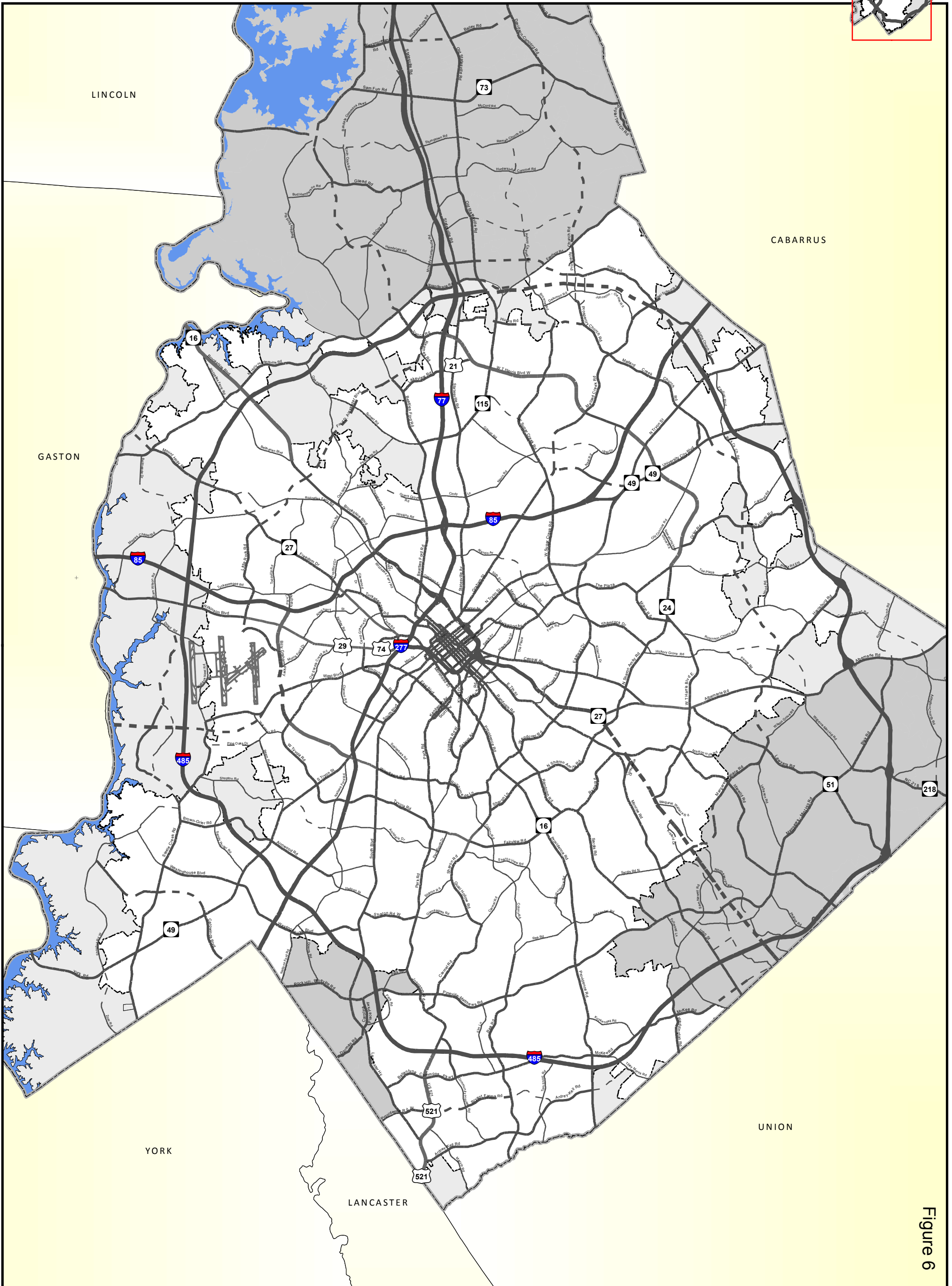
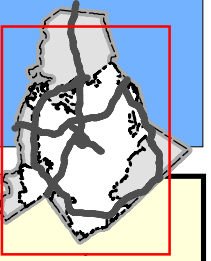


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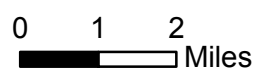


Figure 5

Charlotte Thoroughfares



- | | |
|----------------------|---|
| Thoroughfares | Spheres of Influence |
| — Freeway | ○ City Limits |
| — Major - Class III | ○ Charlotte Sphere of Influence |
| — Major thoroughfare | ○ Adjoining Municipalities and Their Spheres of Influence |
| — Minor thoroughfare | |
| — Freeway - Proposed | |
| — Major - Proposed | |
| — Minor - Proposed | |

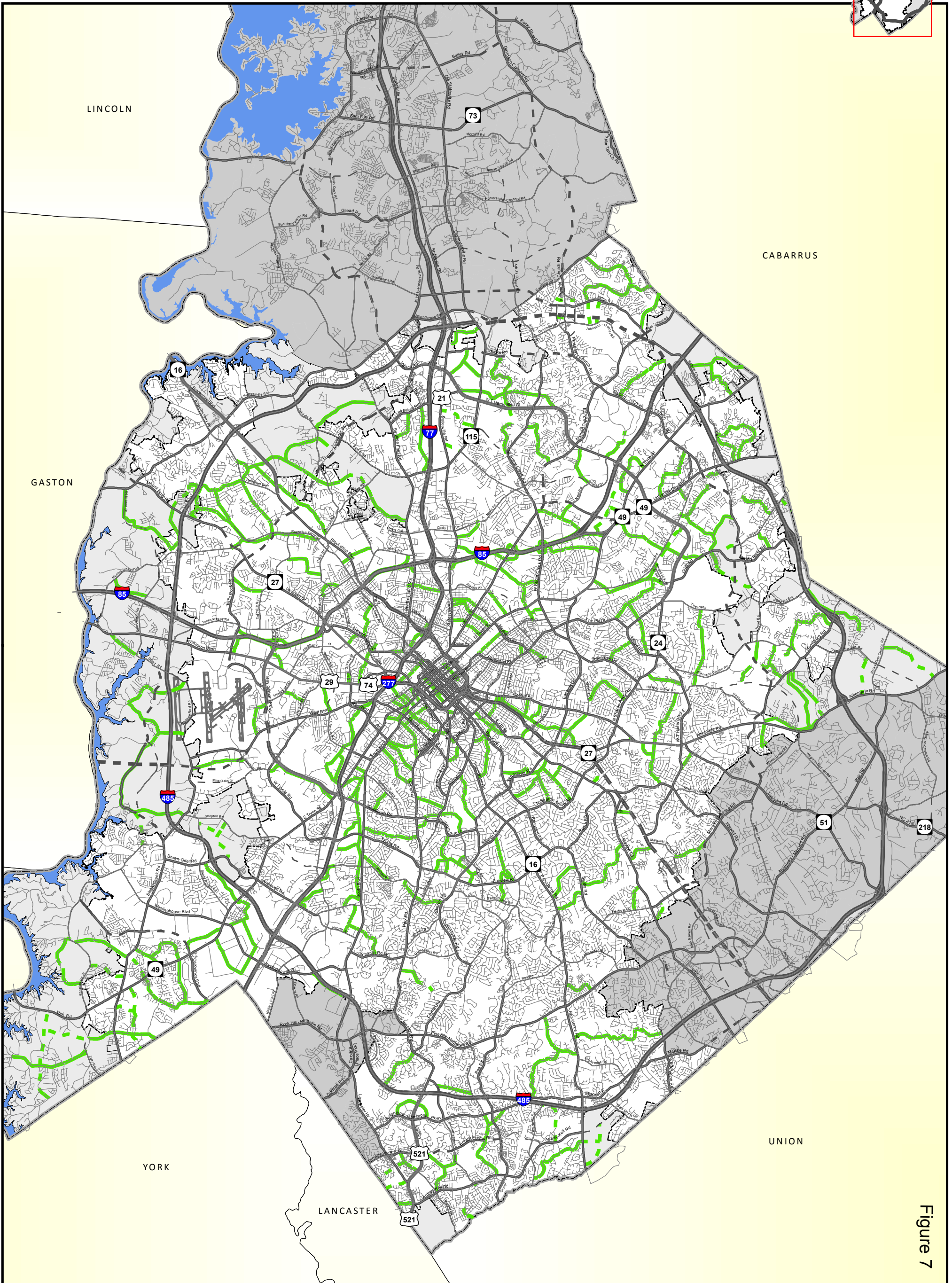
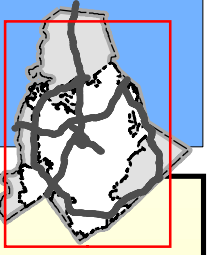


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 March 15, 2011
 Source: Charlotte Planning Dept.
 Thoroughfares_TAPUpdate.mxd



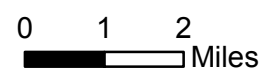
Figure 6

Existing and Proposed Major Collectors



Thoroughfares	Spheres of Influence	Major Collectors
Freeway	City Limits	Existing
Major - Class III	Charlotte Sphere of Influence	Proposed
Major thoroughfare	Adjoining Municipalities and Their Spheres of Influence	
Minor thoroughfare		
Freeway - Proposed		
Major - Proposed		
Minor - Proposed		

*Major Collectors Adopted by City Council:
November 27, 2000*



Planning & Design - GIS
March 15, 2011
Source: Charlotte Planning Dept.
Collectors_TAPUpdate.mxd



Figure 7