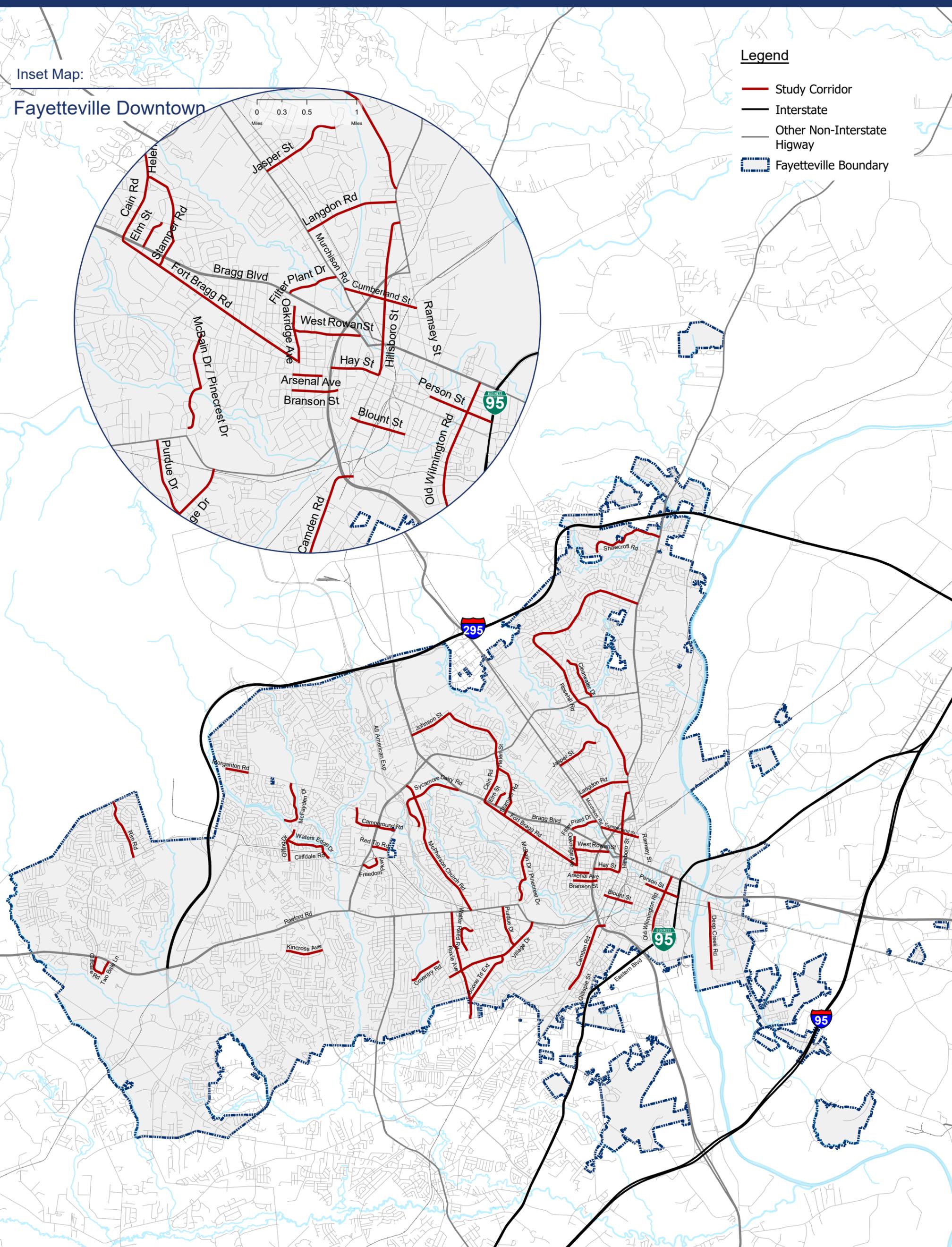


STRATEGIC CORRIDOR ANALYSIS STUDY AREA



- Legend**
- Study Corridor
 - Interstate
 - Other Non-Interstate Highway
 - Fayetteville Boundary

Inset Map:

Fayetteville Downtown



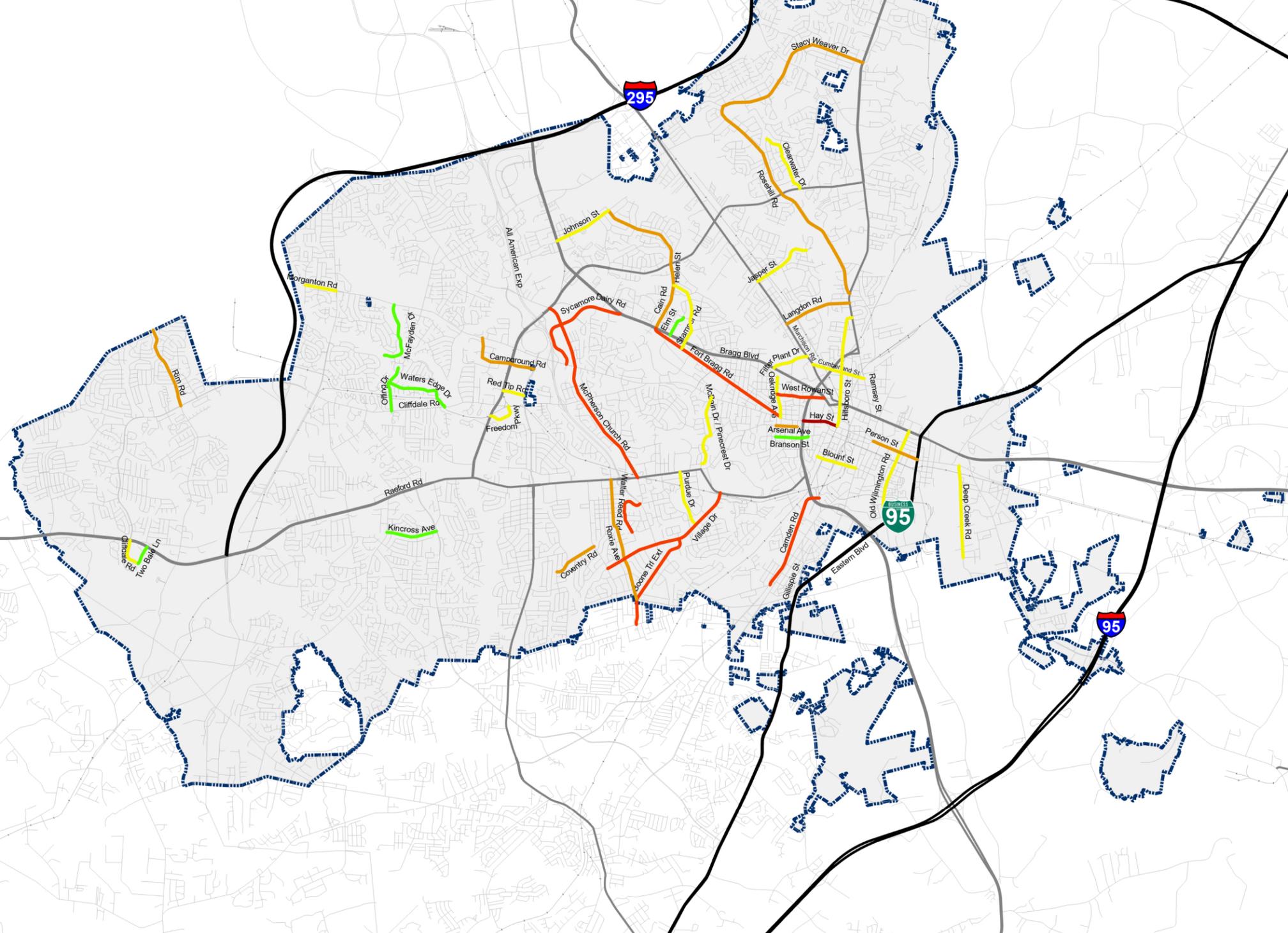
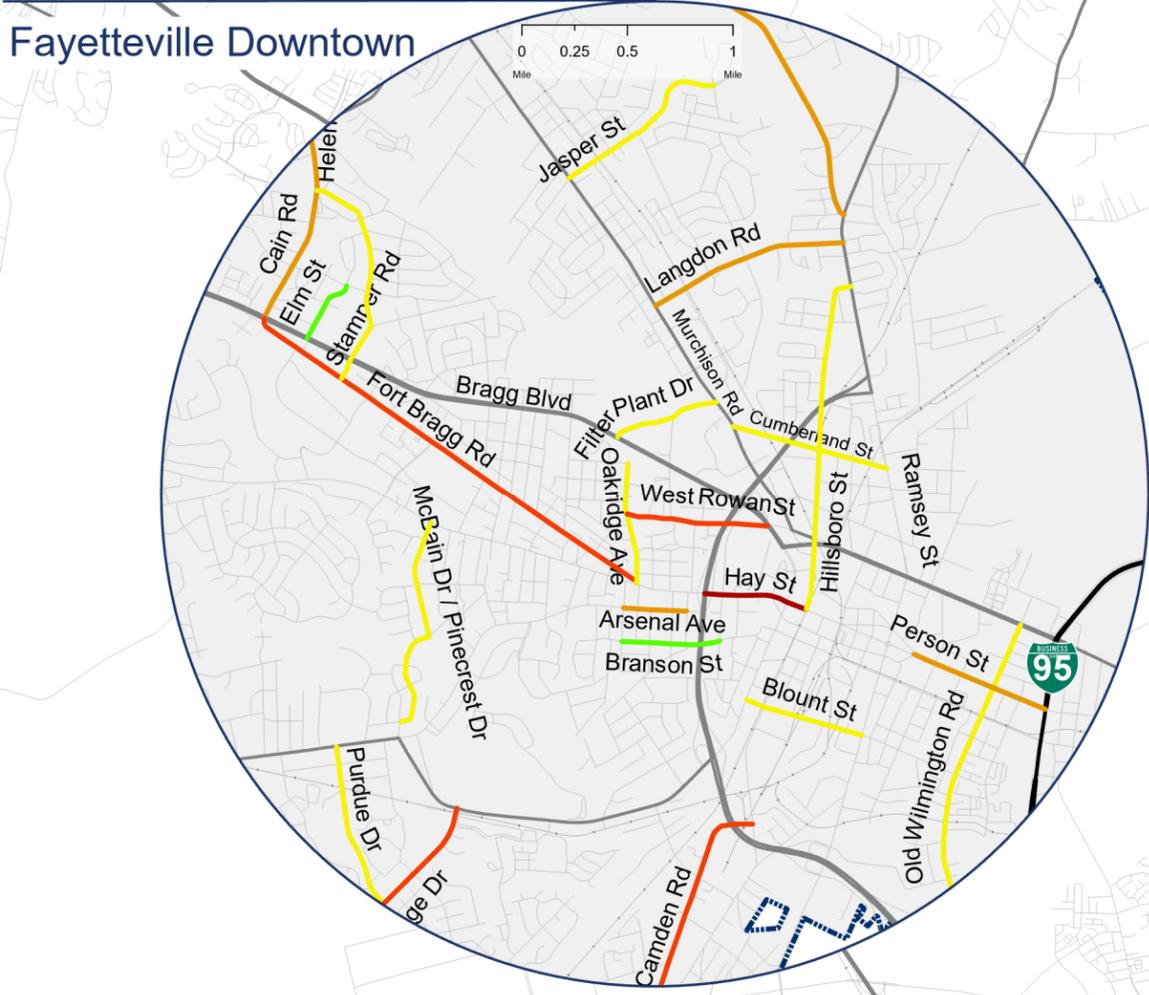
City of Fayetteville

COMPREHENSIVE TRANSPORTATION PLAN



STRATEGIC CORRIDOR ANNUAL AVERAGE DAILY TRAFFIC

Inset Map:



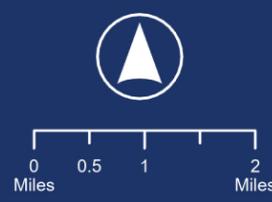
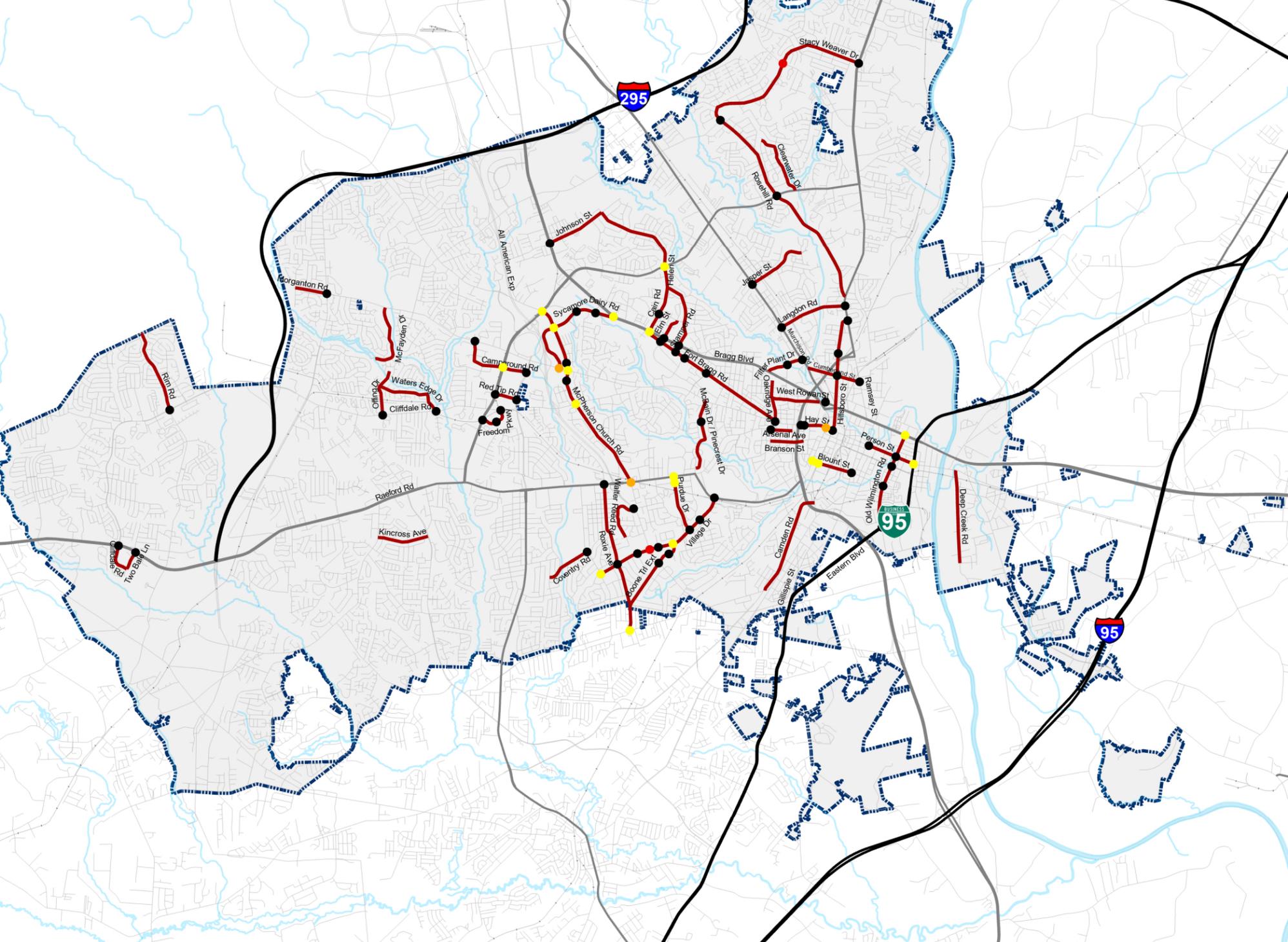
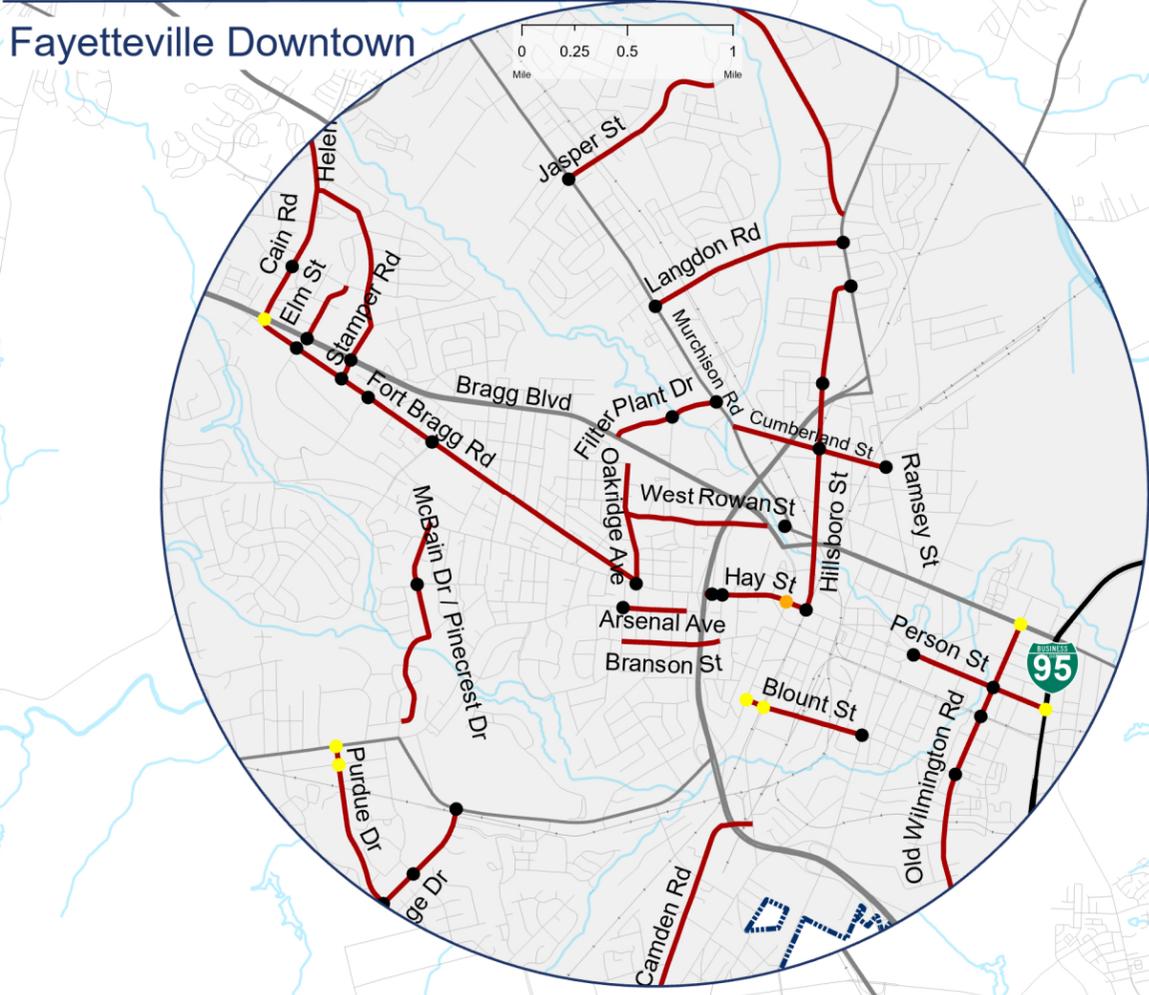
STRATEGIC CORRIDOR 2050 LEVEL OF SERVICE (LOS)

Inset Map:

Fayetteville Downtown

Legend

- C or better
- D
- E
- F
- Study Corridor
- ▭ Fayetteville Boundary

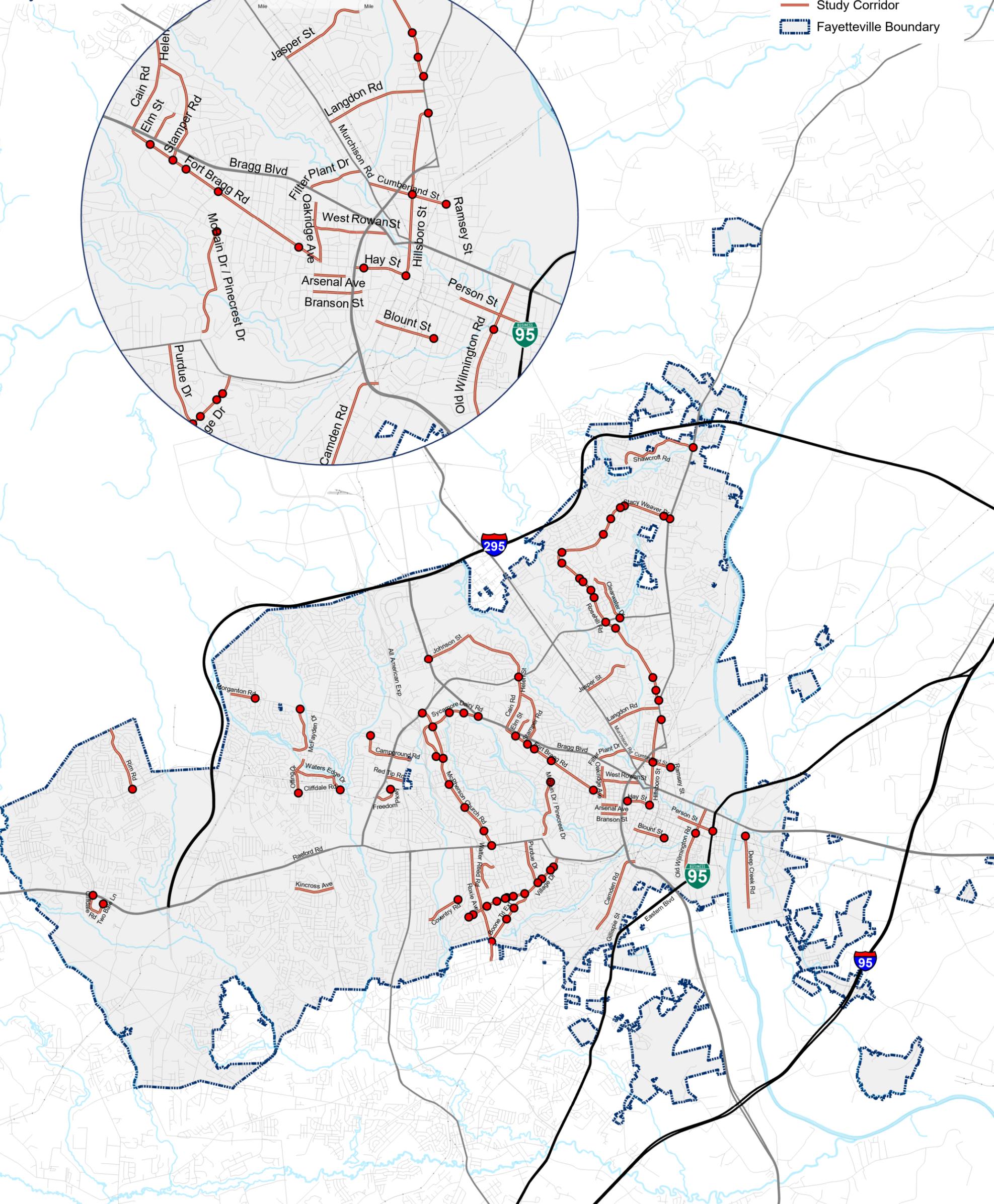


STRATEGIC CORRIDOR INTERSECTIONS WITH 50 OR MORE CRASHES (2018-2022)

Inset Map:

Fayetteville Downtown

- Legend**
- Intersection with 50 or more crashes
 - Study Corridor
 - Fayetteville Boundary

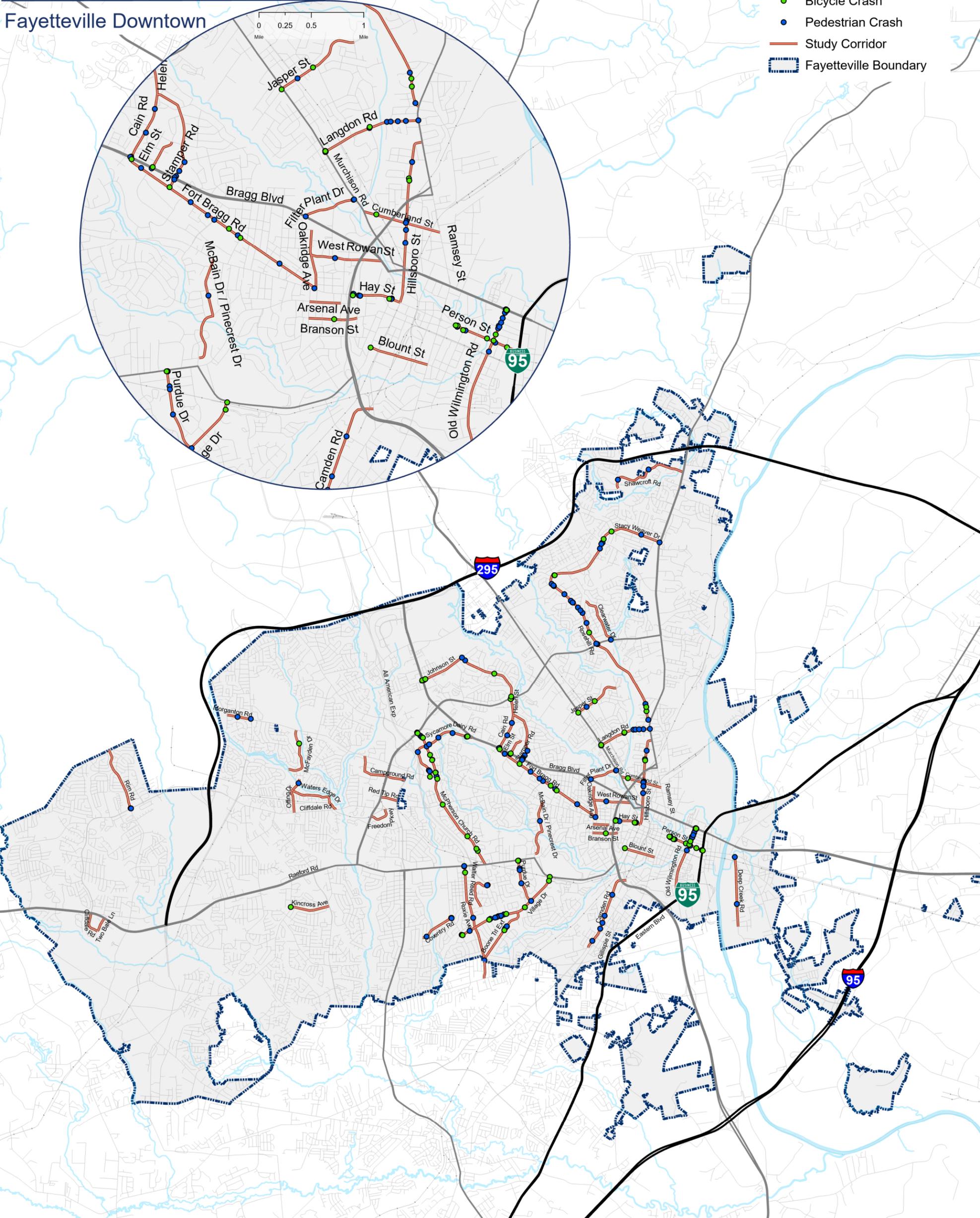


STRATEGIC CORRIDOR PEDESTRIAN & BICYCLIST CRASHES (2007-2021)

Inset Map:

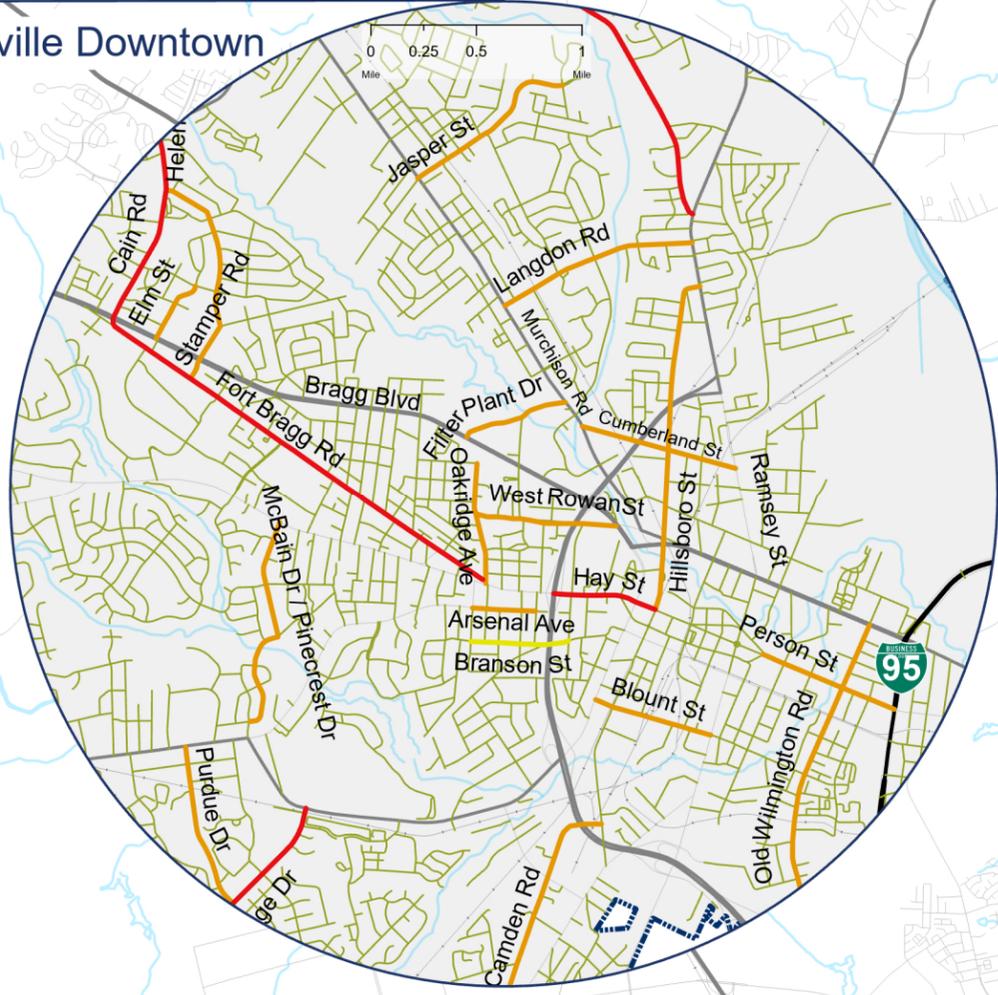
Fayetteville Downtown

- Legend**
- Bicycle Crash
 - Pedestrian Crash
 - Study Corridor
 - Fayetteville Boundary



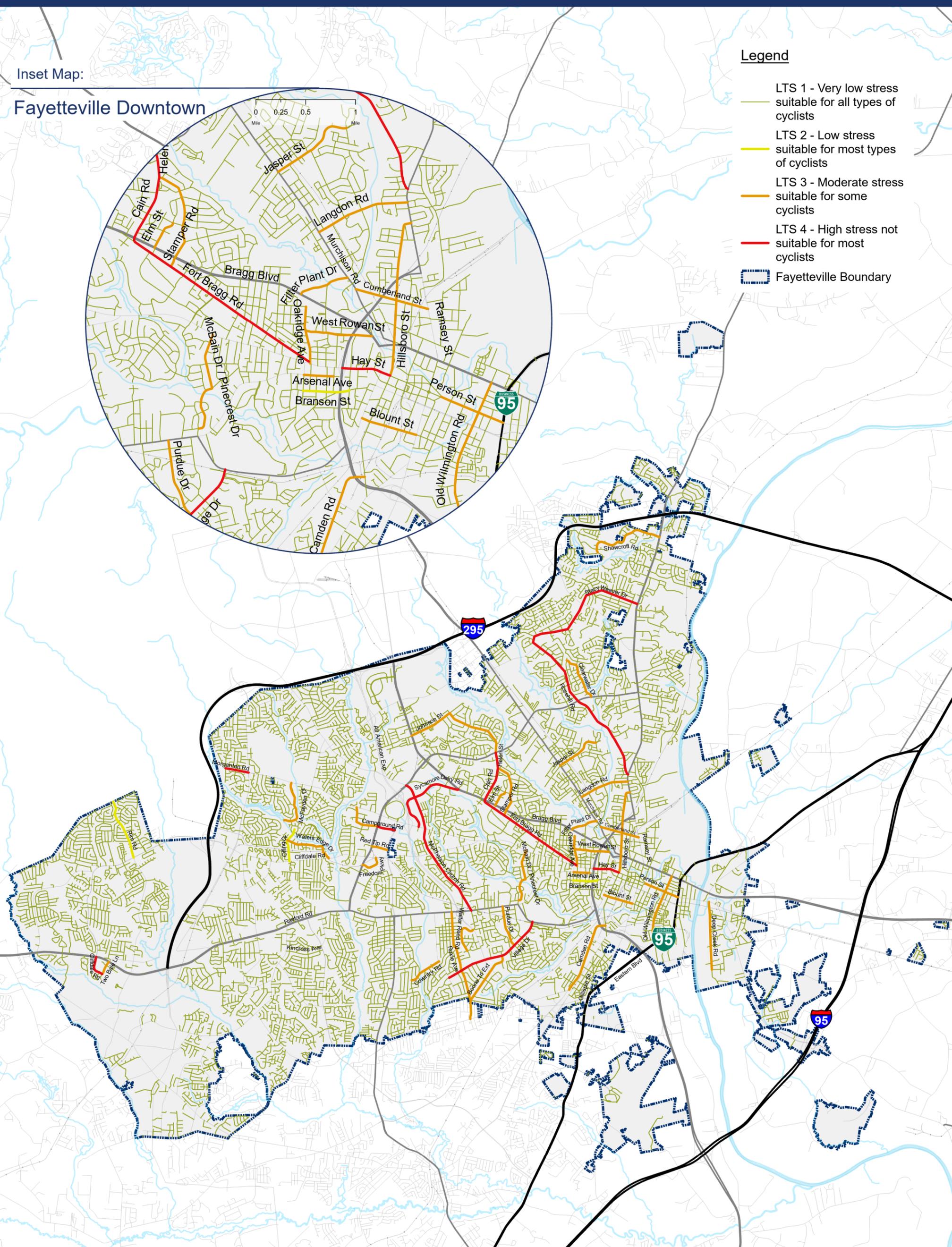
STRATEGIC CORRIDOR BICYCLE LEVEL OF TRAFFIC STRESS

Inset Map:
Fayetteville Downtown



Legend

- LTS 1 - Very low stress
suitable for all types of cyclists
- LTS 2 - Low stress
suitable for most types of cyclists
- LTS 3 - Moderate stress
suitable for some cyclists
- LTS 4 - High stress not
suitable for most cyclists
- Fayetteville Boundary



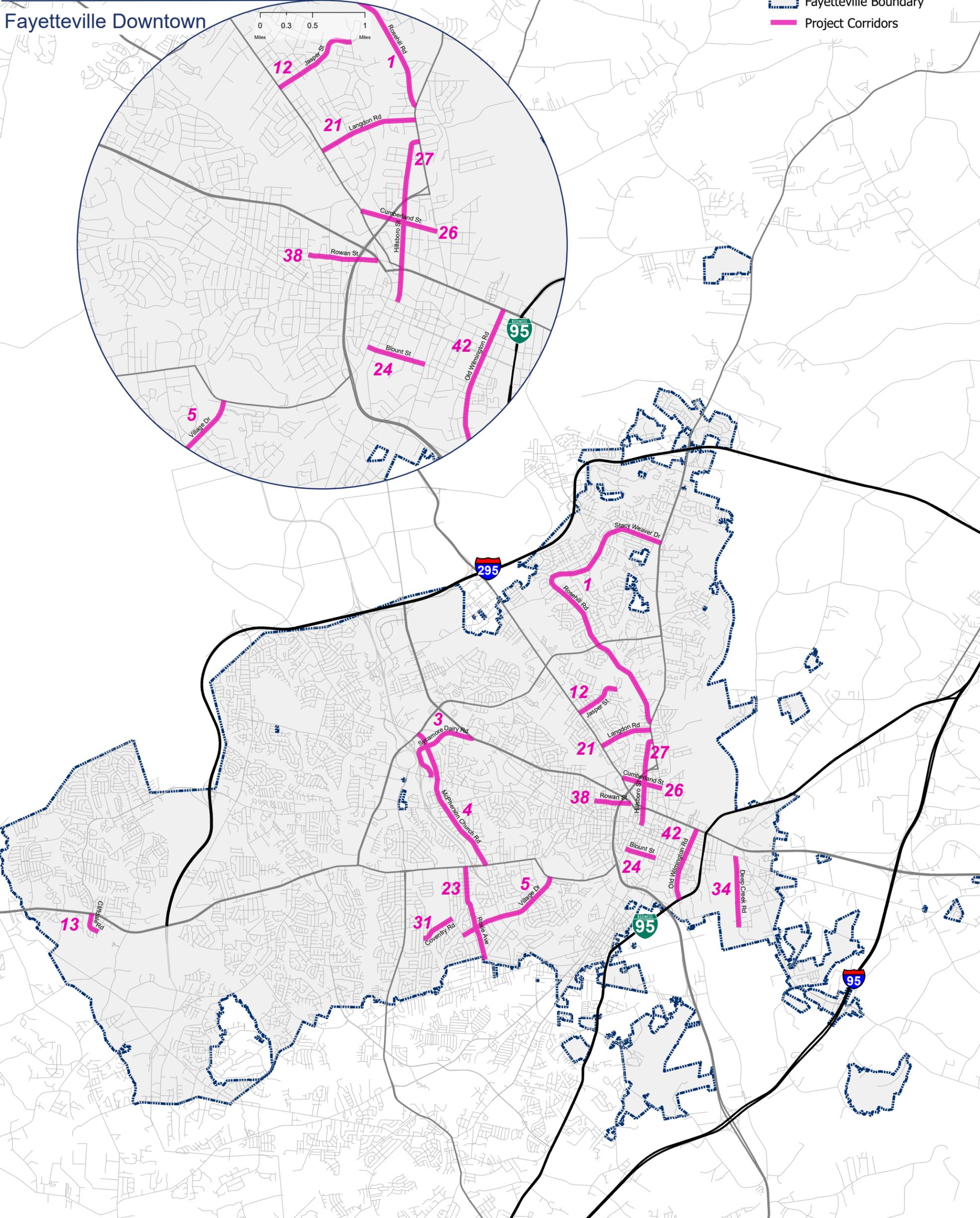
STRATEGIC CORRIDOR RECOMMENDED PROJECTS

Inset Map:

Fayetteville Downtown

Legend

-  Fayetteville Boundary
-  Project Corridors



City of Fayetteville

COMPREHENSIVE TRANSPORTATION PLAN



ID	Corridor Name	Corridor Extents	Length (miles)	AADT	Project Location	Corridor Deficiencies	In FAMPO CMP?	Traffic Safety & Congestion	Pedestrian Safety & Access	Bicycle Safety & Access	Transit Service		
1	Rosehill Road / Stacy Weaver Drive	West of Ramsey Street (N) to North of Country Club Road	3.80	8,400 to 15,000	Entire Length	High Bike/Ped Crash Frequency, Gaps in Sidewalk, Lack of Crossing Opportunities, High BLTS	No		Fill Sidewalk Gaps (Ramsey Street to McArthur Road and Golden Road to Country Club Road)	Add shared use path along length of corridor	Add or improve crosswalks at strategic bus stops		
		North of Country Club Road to West of Ramsey Street (S)	1.90		Entire Length	High Bike/Ped Crash Frequency, Gaps in Sidewalk, Lack of Crossing Opportunities, High BLTS	No	Road Diet (reduce from 4 lanes to 3 lanes, with 2WCLTL and buffered bike lanes)	Add Crosswalks (Trinity Christian School, Fayetteville Christian Church, Warrenwood Elementary School, College Lakes Park, College Lakes Elementary School, North Regional Public Library)		Add Crosswalks (Lafayette Park)	Improve existing bus stop amenities	
3	Sycamore Dairy Road	Morganton Road to Bragg Boulevard	1.67	8,100 to 17,000	Morganton Road Intersection	High Auto Crash Frequency, Current Hotspot, Gaps in Sidewalk, Lack of Crossing Opportunities, High BLTS	Yes						
					Bragg Blvd Intersection	High Auto Crash Frequency, Gaps in Sidewalk, Lack of Crossing Opportunities, High BLTS	Yes						
					Morganton Road to McPherson Church Road	Bike / Ped Crashes, Sidewalk Gaps, High BLTS	No	Road Diet (reduce from 5 lanes to 3 lanes, with 2WCLTL and buffered bike lanes)	Fill Sidewalk Gaps (multiple small gaps along corridor)	Add Crosswalk between Wyncham / Courtyard Hotels	Buffered bike lanes		
4	McPherson Church Road	Raeford Road to Skibo Road	2.78	11,000 to 21,000	Morganton Road Intersection	High Auto Crash Frequency, Gaps in Sidewalk, Lack of Crossing Opportunities, High BLTS	Yes						
					Raeford Road Intersection	High Auto Crash Frequency, Gaps in Sidewalk, Lack of Crossing Opportunities, At-Grade Rail Crossing, High BLTS	Yes						
					Skibo Road Intersection	High Auto Crash Frequency, Lack of Crossing Opportunities, High BLTS	Yes						
					Skibo Road to Morganton Road	High Transit Propensity, High BLTS, High Bike / Ped Crashes	No	Add medians, access control (consolidate or right-in/right-out)				Add crosswalks at strategic bus stops Improve existing bus stop amenities	
5	Village Drive	Ireland Drive to Robeson Street	2.00	15,500 to 18,500	Entire Corridor	High Transit Propensity, High PLTS, High Auto Crash Frequency	No					Add crosswalks at strategic bus stops Improve existing bus stop amenities	
					Robeson Road Intersection	High Auto Crash Frequency, Lack of Crossing Opportunities, At-Grade Rail Crossing, High BLTS	No		Add / improve crosswalks at signal				
					Owen Drive Intersection	High Auto Crash Frequency, Current Hotspot, High BLTS	Yes						
					Ireland Drive to Owen Drive	High Transit Propensity, High BLTS	No	Road Diet (reduce from 5 lanes to 3 lanes, with 2WCLTL and buffered bike lanes)	Add crosswalks (Mary McArthur Elementary, Bordeaux Public Library)	Buffered bike lanes	Add crosswalks at strategic bus stops Improve existing bus stop amenities		
					Fargo Drive to Metro Medical	High Ped Crashes, High BLTS	No		Signalized pedestrian crossing at Cape Fear Valley		Add crosswalks at strategic bus stops Improve existing bus stop amenities		
12	Jasper Street / Topeka Street	Murchison Road to Corrianna Street	0.72	5,000	Murchison Road to Seabrook Road	Lack of Crossing Opportunities, At-Grade Rail Crossing, High BLTS	No	Road Diet (reduce from 4 lanes to 3 lanes with 2WCLTL and buffered bike lanes)					
					East of Seabrook Road	Lack of Crossing Opportunities, High BLTS	No				Buffered bike lanes		
					Greensboro Street Intersection	Lack of Crossing Opportunities, At-Grade Rail Crossing, High BLTS	No						
					Murchison Road Intersection	High Auto Crash Frequency, High BLTS	Yes						
					Seabrook Road Intersection	Gaps in Sidewalk, Lack of Crossing Opportunities, High BLTS	No	Reconfigure intersection to remove channelized right turns	Add crosswalks at Intersection				
13	Cliffdale Road	Raeford Road to Two Bale Lane	0.42	2,000	Raeford Road Intersection	High Auto Crash Frequency, Gaps in Sidewalk, Lack of Crossing Opportunities, High BLTS	Yes						
					Entire Corridor	Gaps in Sidewalk, High BLTS	No		Add crosswalks (LDS Church, Food Lion shopping center). Fill gaps in sidewalk.				
21	Langdon Street	Murchison Road to Ramsey Street	0.96	5,400	Ramsey Street Intersection	High Auto Crash Frequency, Lack of Crossing Opportunities, High BLTS	Yes						
					Entire Corridor	High Transit Propensity, High BLTS	No	Install traffic calming devices			Consider adding bus service		
					Edgecombe Avenue to Ramsey Street	High Ped Crashes, High BLTS, High Transit Propensity	No		Add crosswalk (Trinity Drive / Ramsey Street School)				
					MLK Rail Crossing	Lack of Crossing Opportunities, At-Grade Rail Crossing, High BLTS	No		Add crosswalk at MLK Drive to Park Street				
23	Roxie Avenue	Raeford Road to Boone Trail	1.76	5,700	Village Drive to Boone Trail	Gaps in Sidewalk, Lack of Crossing Opportunities, High Transit Propensity, High BLTS	No	Install traffic calming devices	Add curb extensions and crosswalks at Boone Trail intersection.	Install traffic calming devices	Add crosswalks at strategic bus stops Improve existing bus stop amenities		
					Raeford Road to Village Drive	Gaps in Sidewalk, Lack of Crossing Opportunities, High BLTS	No		Add sidewalk along length of corridor on east side. Add a marked crosswalk on that side, perpendicular at Madison Avenue				
24	Blount Street	Robeson Street to Gillespie Street	0.57	3,500	Entire Corridor	Gaps in Sidewalk, Lack of Crossing Opportunities, At-Grade Rail Crossings, High Transit Propensity, High BLTS	No		Add Shared-Use Path along south side				
26	Cumberland Street	Murchison Road to Ramsey Street	0.75	3,606	Entire Corridor	Gaps in Sidewalk, Lack of Crossing Opportunities, At-Grade Rail Crossings, High Transit Propensity, High BLTS	No	Realign west end to meet Murchison Street at Blue Street	Fill sidewalk gaps along north side (entire corridor except around Hillsboro Street intersection)	Add crosswalks (John Wesley Church)			
					Hillsboro Street Intersection	High Ped Crash, Lack of Crossing Opportunities, At-Grade Rail Crossings, High BLTS	No		Add pedestrian crossing infrastructure (crosswalks, accessible ramps, push buttons, etc.)				
27	Hillsboro Street	Rowan Street to Ramsey Street	1.41	2,395	Entire Corridor	High Transit Propensity, High BLTS	No	Install traffic calming devices	Add crosswalks (Windsor Park, St Luke AME Church)		Add crosswalks at strategic bus stops		
					Cumberland Road, Chance Street, and Moore Street Intersections	Lack of Crossing Opportunities, At-Grade Rail Crossing, High BLTS	No		Extend ped/bike connection under Rowan Street	Add pedestrian crossing infrastructure (crosswalks, accessible ramps, push buttons, etc.)		Improve existing bus stop amenities	
31	Coventry Road	Camelot Drive to Ireland Drive	0.66	6,800	Ireland Drive to Odom Drive	Gaps in Sidewalk, High Transit Propensity, High BLTS	No		Add sidewalk along north side	Provide curb extensions at skewed intersections and traffic calming devices along the corridor	Add crosswalks at strategic bus stops Improve existing bus stop amenities		
								Add crosswalks (DBHS, Odom Drive)					
34	Deep Creek Road	Clinton Road to Cade Hill Avenue	1.31	1,900	Entire Corridor	High Ped Crashes, Gaps in Sidewalk, Lack of Crossing Opportunities, High BLTS	No	Remove channelized right at Sapona Road	Add Shared Use Path along east side	Install traffic calming devices	Add crosswalks at strategic bus stops Improve existing bus stop amenities		
								Add crosswalks (River Commons School)					
38	W Rowan Street	Oakridge Avenue to Bragg Boulevard	0.64	1,800	Entire Corridor	Gaps in Sidewalk, Lack of Crossing Opportunities, High BLTS	No	Install traffic calming devices	Fill sidewalk gaps along north side				
42	Old Wilmington / B Street	S Eastern Boulevard to Grove Street	1.38	5,900	Eastern Boulevard Intersection (BFS)	High Auto Crash Frequency, Gaps in Sidewalk, Lack of Crossing Opportunities, High BLTS	No						
					Entire Corridor	Gaps in Sidewalk, Lack of Crossing Opportunities, High Transit Propensity, High BLTS	No	Install traffic calming devices	Add / improve crosswalks (Walker-Spivey)		Add crosswalks at strategic bus stops Improve existing bus stop amenities		
					E Russell Street to Grove Street	High Ped Crashes, Lack of Crossing Opportunities	No	Install roundabout at Person Street / Grove Street					

Glossary:
AADT = Average Annual Daily Traffic
Bike/Ped = Bicycle / Pedestrian
BLTS = Bicycle Level of Traffic Stress
2WCLTL = 2-Way Center Left Turn Lane