Town of Chapel Hill
Central West Focus Area

TRAFFIC PROJECTIONS
DRAFT

0' 300' 600' 1200'
Scale: 1" = 600'

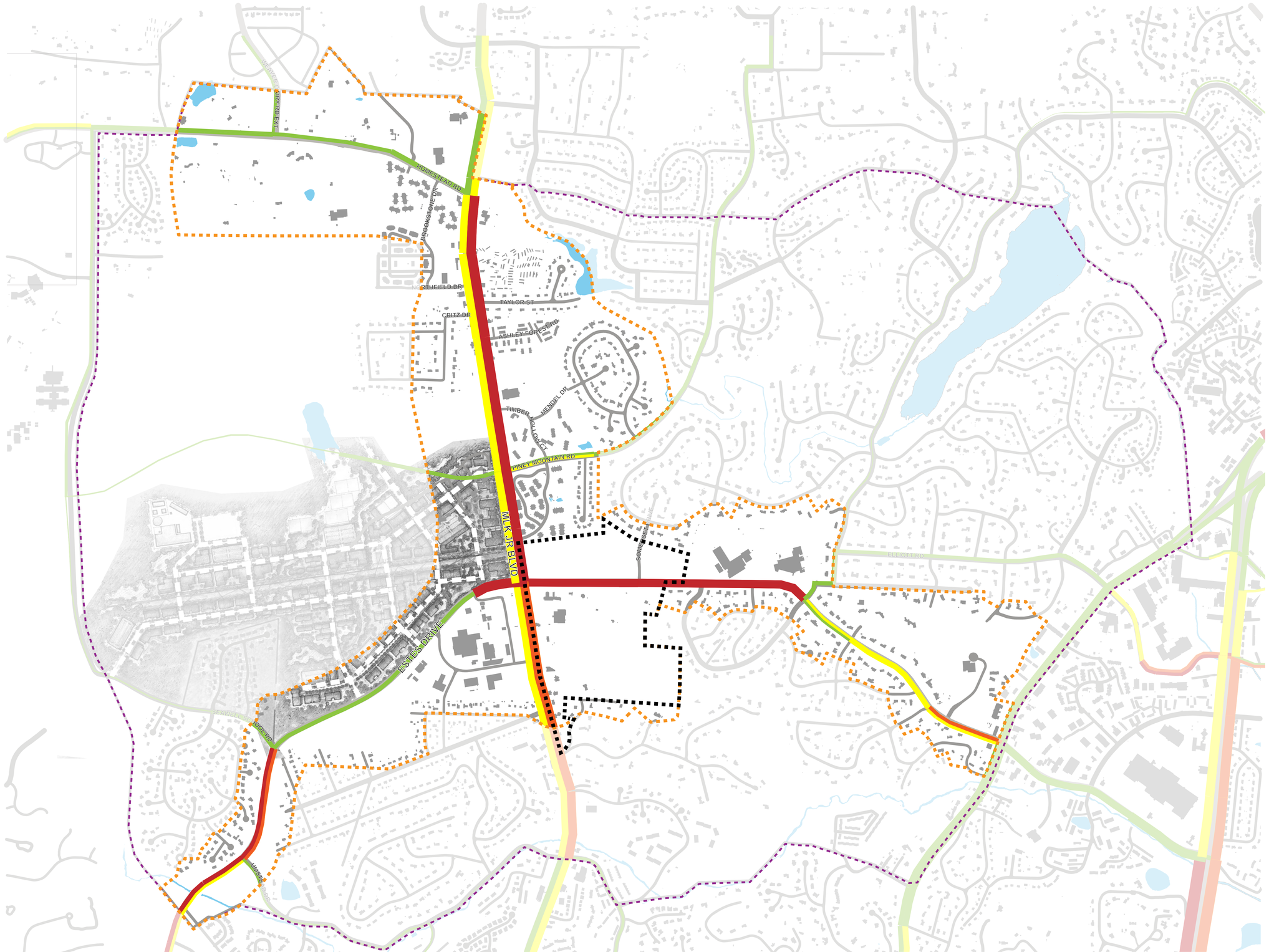
- Impact Area
- Evaluation for Transportation & Connections
- Evaluation for Form & Use

PM Peak Hour V/C

- 0.000 to 0.700
- 0.700 to 0.850
- 0.850 to 1.000
- 1.000 to 3.500

Peak Hour Volume

10000 5000 2500



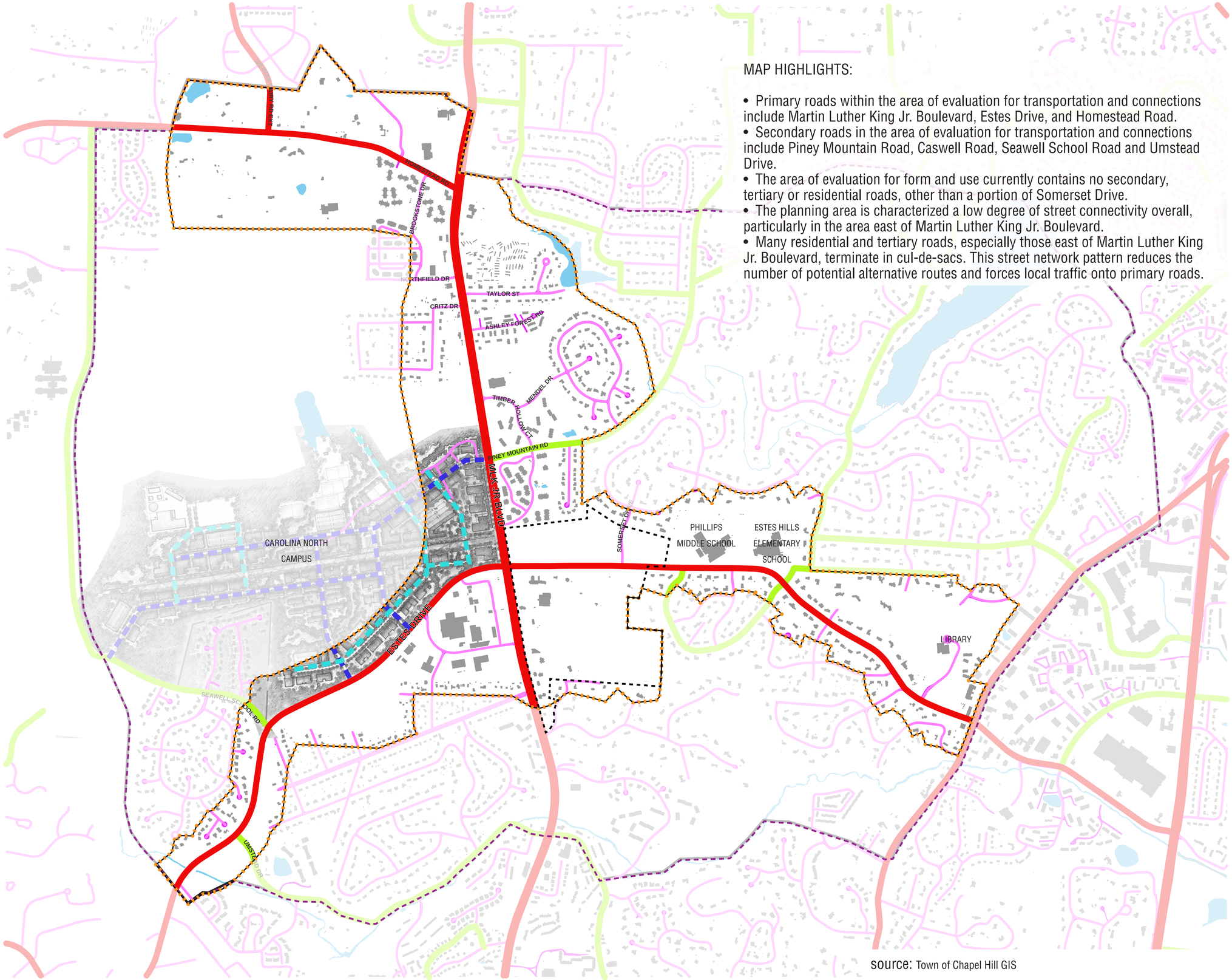
source: Town of Chapel Hill GIS

Town of Chapel Hill
Central West Focus Area

STREET CONNECTIVITY
DRAFT

0' 300' 600' 1200'
Scale: 1" = 600'

- Impact Area
- Evaluation for Transportation & Connections
- Evaluation for Form & Use
- Primary Roads
- Secondary Roads
- Tertiary/Residential Roads
- Major Proposed Roads
- Minor Proposed Roads



MAP HIGHLIGHTS:

- Primary roads within the area of evaluation for transportation and connections include Martin Luther King Jr. Boulevard, Estes Drive, and Homestead Road.
- Secondary roads in the area of evaluation for transportation and connections include Piney Mountain Road, Caswell Road, Seawell School Road and Umstead Drive.
- The area of evaluation for form and use currently contains no secondary, tertiary or residential roads, other than a portion of Somerset Drive.
- The planning area is characterized a low degree of street connectivity overall, particularly in the area east of Martin Luther King Jr. Boulevard.
- Many residential and tertiary roads, especially those east of Martin Luther King Jr. Boulevard, terminate in cul-de-sacs. This street network pattern reduces the number of potential alternative routes and forces local traffic onto primary roads.

source: Town of Chapel Hill GIS

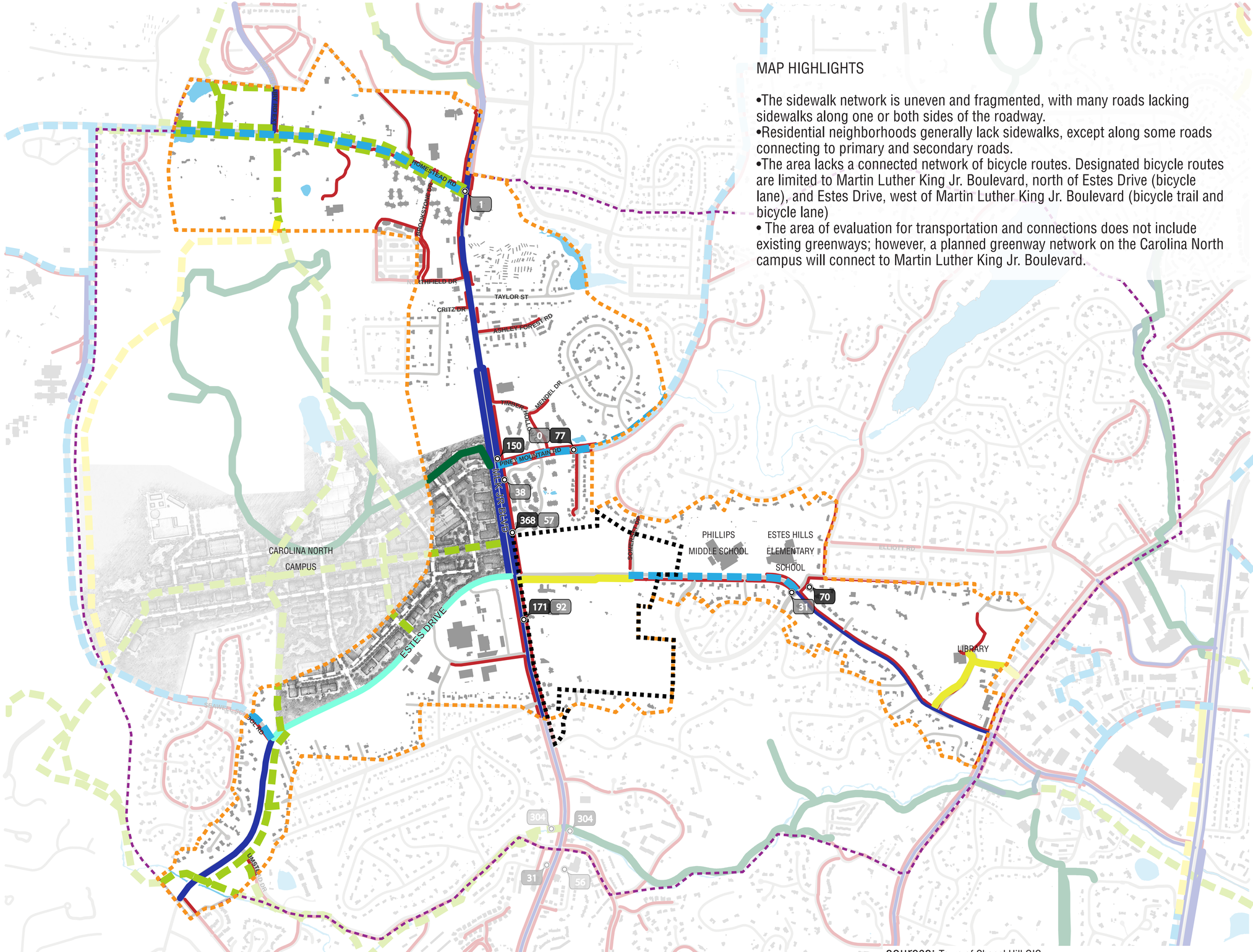
Town of Chapel Hill
Central West Focus Area

SIDEWALKS,BIKE ROUTES, & GREENWAYS

DRAFT

0' 300' 600' 1200'
Scale: 1" = 600'

- Impact Area
- Evaluation for Transportation & Connections
- Evaluation for Form & Use
- Sidewalks
- Multi-Use Path
- Proposed Multi-Use Path
- Bike Lane
- Bike Path
- Bike Path (Carolina North)
- Wide Outside Lane
- Wide Shoulder
- Future Facility
- New Proposal
- Existing Greenway
- Existing Pumpkin Loop Trail
- Proposed Greenway



MAP HIGHLIGHTS

- The sidewalk network is uneven and fragmented, with many roads lacking sidewalks along one or both sides of the roadway.
- Residential neighborhoods generally lack sidewalks, except along some roads connecting to primary and secondary roads.
- The area lacks a connected network of bicycle routes. Designated bicycle routes are limited to Martin Luther King Jr. Boulevard, north of Estes Drive (bicycle lane), and Estes Drive, west of Martin Luther King Jr. Boulevard (bicycle trail and bicycle lane)
- The area of evaluation for transportation and connections does not include existing greenways; however, a planned greenway network on the Carolina North campus will connect to Martin Luther King Jr. Boulevard.

sources: Town of Chapel Hill GIS
University of North Carolina at Chapel Hill,
Carolina North Plan

Town of Chapel Hill
Central West Focus Area

SCHOOL BOARD PEDESTRIAN/ BICYCLE SURVEY RESULTS

DRAFT

5. How far does your child live from school? (choose one)

	Response Percent	Response Count
less than 1/4 mile	**37.5%**	24
1/4 mile up to 1/2 mile	28.1%	18
1/2 mile up to 1 mile	18.8%	12
1 mile up to 2 miles	15.6%	10
More than 2 miles	0.0%	0
Don't know	0.0%	0
answered question		**64**
skipped question		**1**

6. On most days, how does your child arrive at school?

	Response Percent	Response Count
Walk	**63.1%**	41
Bike	4.6%	3
School Bus	0.0%	0
Family vehicle (only children from your family)	30.8%	20
Carpool (ride with children from other families)	1.5%	1
Transit (city bus)	0.0%	0
Other (skateboard, scooter, inline skates)	0.0%	0
answered question		**65**
skipped question		**0**

7. On most days, how does your child get home from school?

	Response Percent	Response Count
Walk	**57.8%**	37
Bike	4.7%	3
School Bus	6.3%	4
Family vehicle (only children from your family)	28.1%	18
Carpool (ride with children from other families)	0.0%	0
Transit (city bus)	3.1%	2
Other (skateboard, scooter, inline skates)	0.0%	0
answered question		**64**
skipped question		**1**

8. How long does it normally take your child to get to school?

	Response Percent	Response Count
Less than 5 minutes	17.2%	11
5-10 minutes	**57.8%**	37
11-20 minutes	25.0%	16
More than 20 minutes	0.0%	0
Don't know/ not sure	0.0%	0
answered question		**64**
skipped question		**1**

source: Chapel Hill-Carrboro City School Board

Town of Chapel Hill
Central West Focus Area

SCHOOL BOARD PEDESTRIAN/ BICYCLE SURVEY RESULTS (CONTINUED)

DRAFT

12. Which of the following concerns affect your decision to allow, or not allow, your child to walk or bike to/ from school? (check all that apply)

	Response Percent	Response Count
Distance	43.8%	28
Convenience of driving	4.7%	3
Time	34.4%	22
Child participation in before/ after-school activities	32.8%	21
Speed of traffic along route	46.9%	30
Amound of traffic along route	35.9%	23
Adults to walk or bike with	35.9%	23
Sidewalks or pathways	**67.2%**	43
Safety of intersections and crossings	60.9%	39
Crossing guards	39.1%	25
Violence or crime	29.7%	19
Weather or climate	34.4%	22
Other (please specify)	17.2%	11
	answered question	**64**
	skipped question	**1**

13. Would you probably let your child walk or bike to/ from school if the following problem were changed or improved?

	Yes	No	Not sure	Response Count
Distance	**75.0% (6)**	12.5% (1)	12.5% (1)	8
Convenience of driving	**50.0% (3)**	16.7% (1)	33.3% (2)	6
Time	**55.6% (5)**	11.1% (1)	33.3% (3)	9
Child participation in before/ after-school activities	**77.8% (7)**	0.0% (0)	22.2% (2)	9
Speed of traffic along route	**77.8% (14)**	0.0% (0)	22.2% (4)	18
Amount of traffic along route	**84.6% (11)**	0.0% (0)	15.4% (2)	13
Adults to walk or bike with	**71.4% (10)**	0.0% (0)	28.6% (4)	14
Sidewalks or pathways	**84.2% (16)**	0.0% (0)	15.8% (3)	19
Safety of intersections and crossings	**93.8% (15)**	0.0% (0)	6.3% (1)	16
Crossing guards	**80.0% (8)**	10.0% (1)	10.0% (1)	10
Violence or crime	**90.9% (10)**	0.0% (0)	9.1% (1)	11
Weather or climate	**83.3% (10)**	0.0% (0)	16.7% (2)	12
Other	**83.3% (10)**	0.0% (0)	16.7% (2)	12
			answered question	**29**
			skipped question	**36**

source: Chapel Hill-Carrboro City School Board

Town of Chapel Hill
Central West Focus Area

ORIGINS & DESTINATIONS
DRAFT

Work Destination Report - Where Workers are Employed Who Live in the Selection Area - by Places (Cities, CDPs, etc.)

Total All Jobs

	2010	
	Count	Share
Total All Jobs	20,547	100.0%

Jobs Counts by Places (Cities, CDPs, etc.) Where Workers are Employed - All Jobs

	2010	
	Count	Share
Chapel Hill town, NC	7,285	35.5%
Durham city, NC	4,261	20.7%
Raleigh city, NC	1,601	7.8%
Charlotte city, NC	530	2.6%
Greensboro city, NC	518	2.5%
Cary town, NC	491	2.4%
Carrboro town, NC	392	1.9%
Brevard city, NC	332	1.6%
Winston-Salem city, NC	199	1.0%
Hillsborough town, NC	172	0.8%
All Other Locations	4,766	23.2%

Source: U.S. Census Bureau, OnTheMap Application, http://lehdmap.ces.census.gov

Home Destination Report - Where Workers Live Who are Employed in the Selection Area - by Places (Cities, CDPs, etc.)

Total All Jobs

	2010	
	Count	Share
Total All Jobs	48,513	100.0%

Jobs Counts by Places (Cities, CDPs, etc.) Where Workers Live - All Jobs

	2010	
	Count	Share
Durham city, NC	8,870	18.3%
Chapel Hill town, NC	7,285	15.0%
Carrboro town, NC	3,344	6.9%
Raleigh city, NC	1,971	4.1%
Cary town, NC	1,826	3.8%
Charlotte city, NC	581	1.2%
Burlington city, NC	559	1.2%
Apex town, NC	514	1.1%
Hillsborough town, NC	456	0.9%
Greensboro city, NC	449	0.9%
All Other Locations	22,658	46.7%

Source: U.S. Census Bureau, OnTheMap Application, http://lehdmap.ces.census.gov