MAP BOOK

Phase 1, Step 2: Define Sub-corridors

Central Corridor High-Capacity Transit Study

projectconnect
central corridor

October 2013

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"A" Maps = Central Corridor study area overlay
"B" Maps = Sub-Corridors overlay

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EXECUTIVE SUMMARY

This Map Book is a data-driven foundation for the Central Corridor High-Capacity Transit (HCT) study. As shown in the Work Plan, the first phase of the study will identify and define the sub-corridors, eventually resulting in the selection of a priority sub-corridor. Sub-corridors consist of complementary development patterns and transportation infrastructure linking compatible land use and major destinations. As this study advances and new and refined data becomes available, the information in this document will evolve.

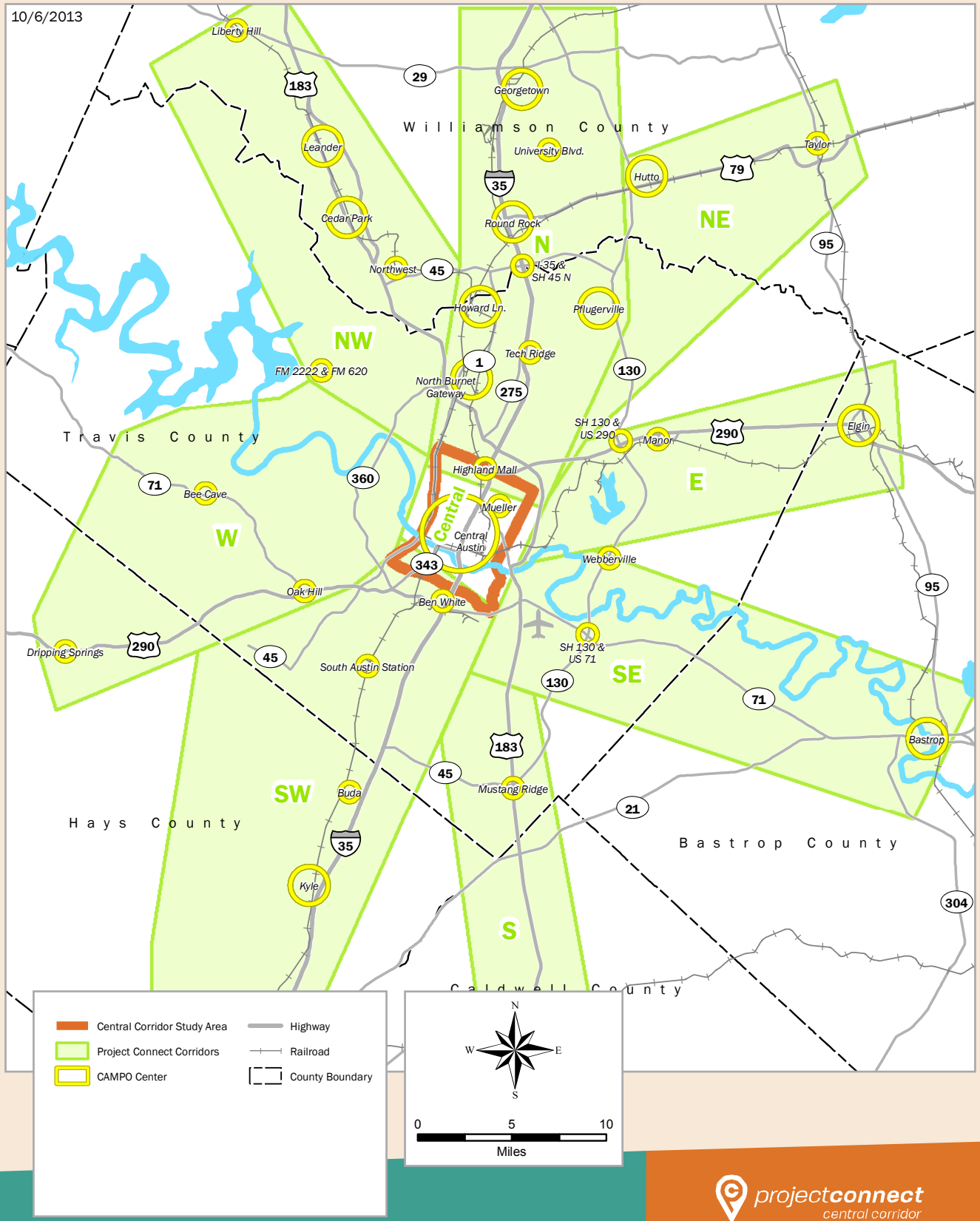
The data presented herein was used to identify the problems in the Central Corridor and develop the goals and objectives of the HCT study. This information was evaluated to identify reasonable sub-corridors and define their boundaries according to the definition above. This information will assist in the subsequent comparative evaluation of the sub-corridors.

The Map Book contains regional and Central Corridor area maps for context and illustrates the initial results of the sub-corridor definition. For purposes of review, it should be noted that trip modeling results within the Central Corridor demonstrate Downtown as the primary origin/destination point; therefore, it was established that all sub-corridors should include Downtown.

Definition of Sub-Corridor:
A defined geographic area with characteristics and facilities serving similar travel patterns.

	WORK PLAN	
PHASE 1 Select Priority Sub-Corridor	Task 1	Work Plan/Decision-Making Process
	Task 2	Framework/History
	Task 3	G&O/Problem Statement
	Task 4	Methodology/Criteria
	Task 5	Identify Sub-Corridors
	Task 6	Define Sub-Corridors
	Task 7	Evaluate Sub-Corridors
	Task 8	Select Priority Sub-Corridors
PHASE 2 Select Locally Preferred Alternative (LPA)	Task 9	Project P&N/Problem Statement
	Task 10	Methodology/Criteria
	Task 11	Identify Preliminary Alternatives – Alignment & Mode
	Task 12	Define Final Alternatives – Alignment & Mode
	Task 13	Evaluate Alternatives
	Task 14	Select Locally Preferred Alternative (LPA)

PROJECT CONNECT REGIONAL CORRIDORS



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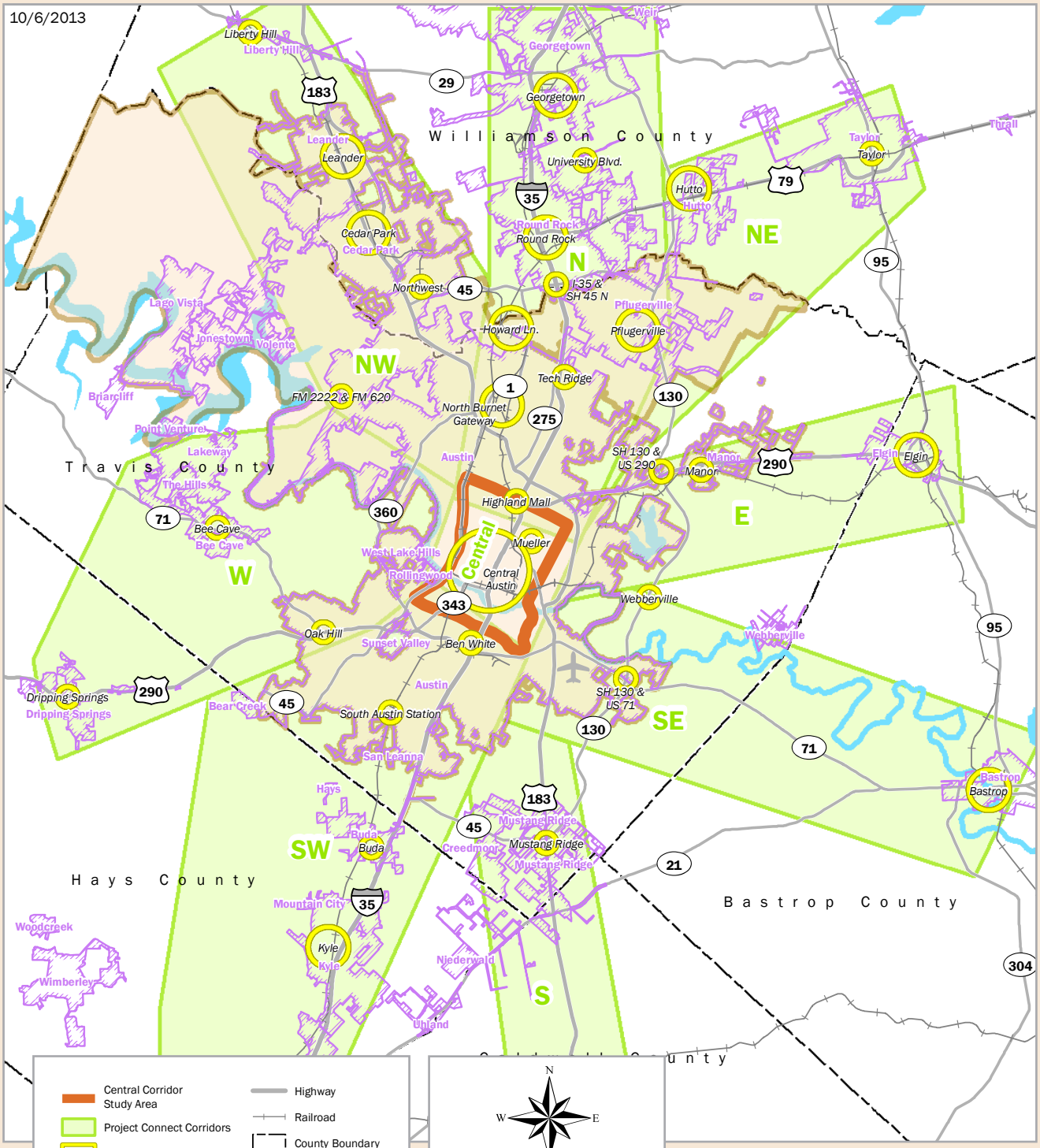
PROJECT CONNECT REGIONAL CORRIDORS – WITH JURISDICTION BOUNDARIES



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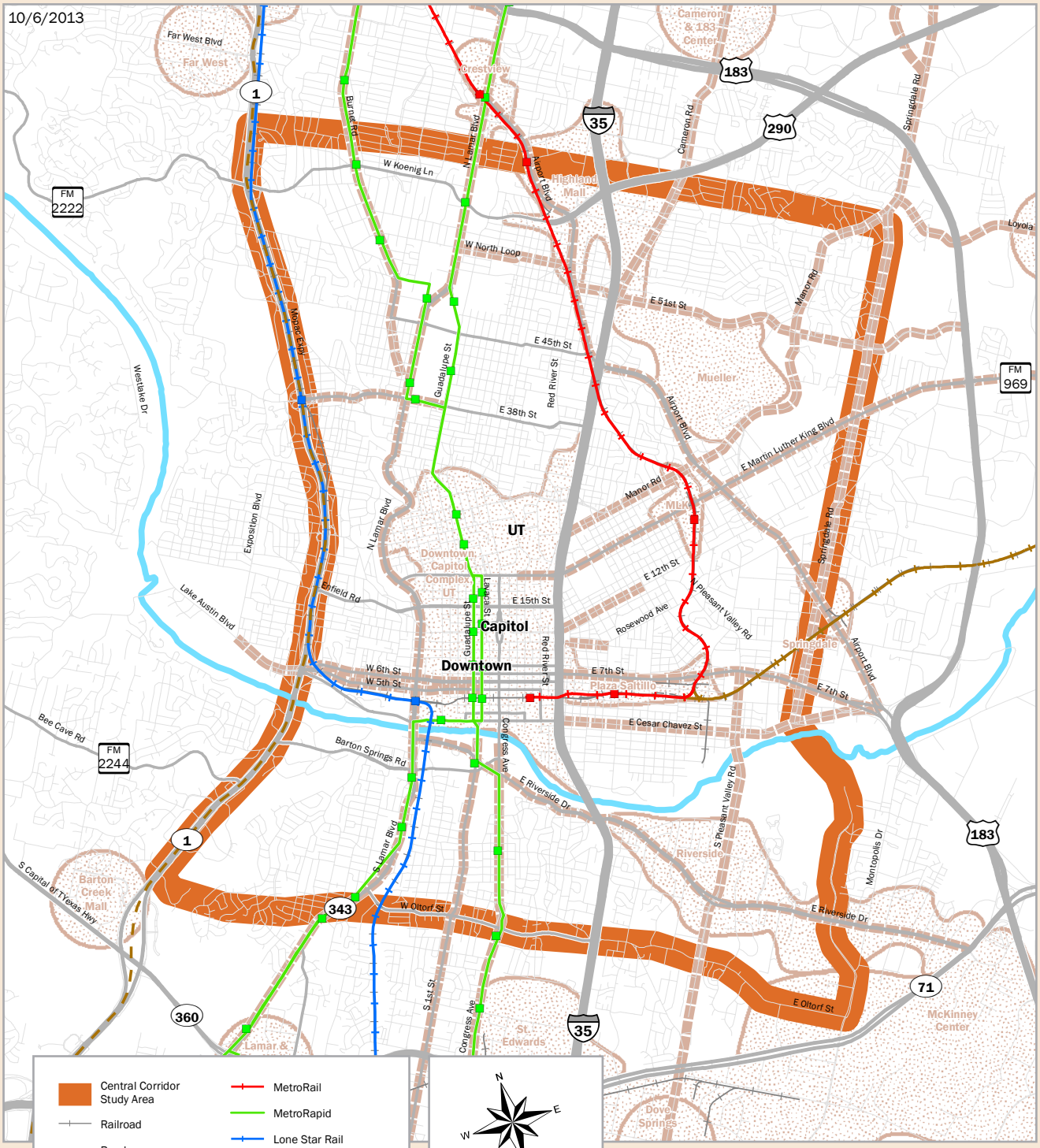
CENTRAL CORRIDOR BASEMAP



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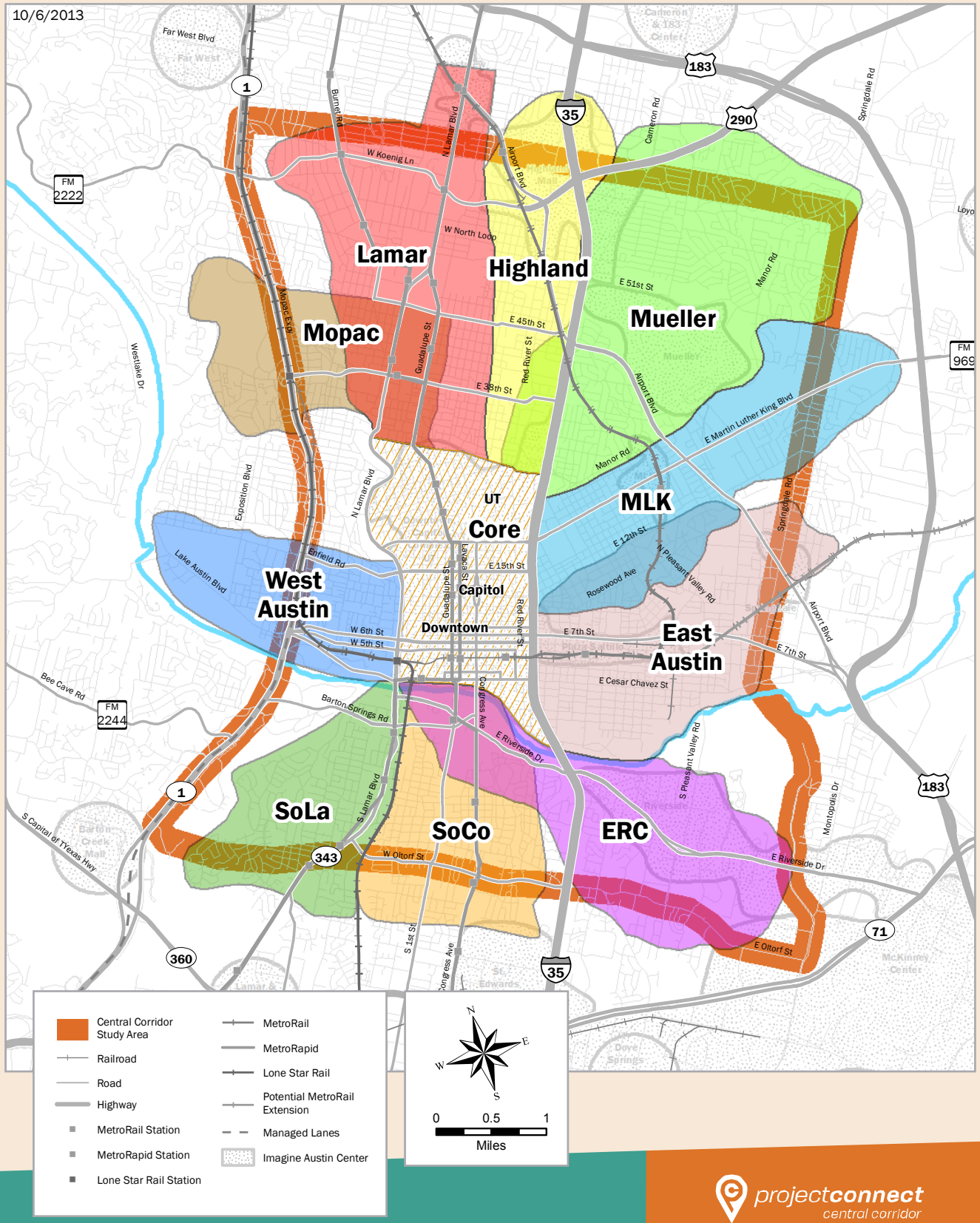
COMBINED SUB-CORRIDORS



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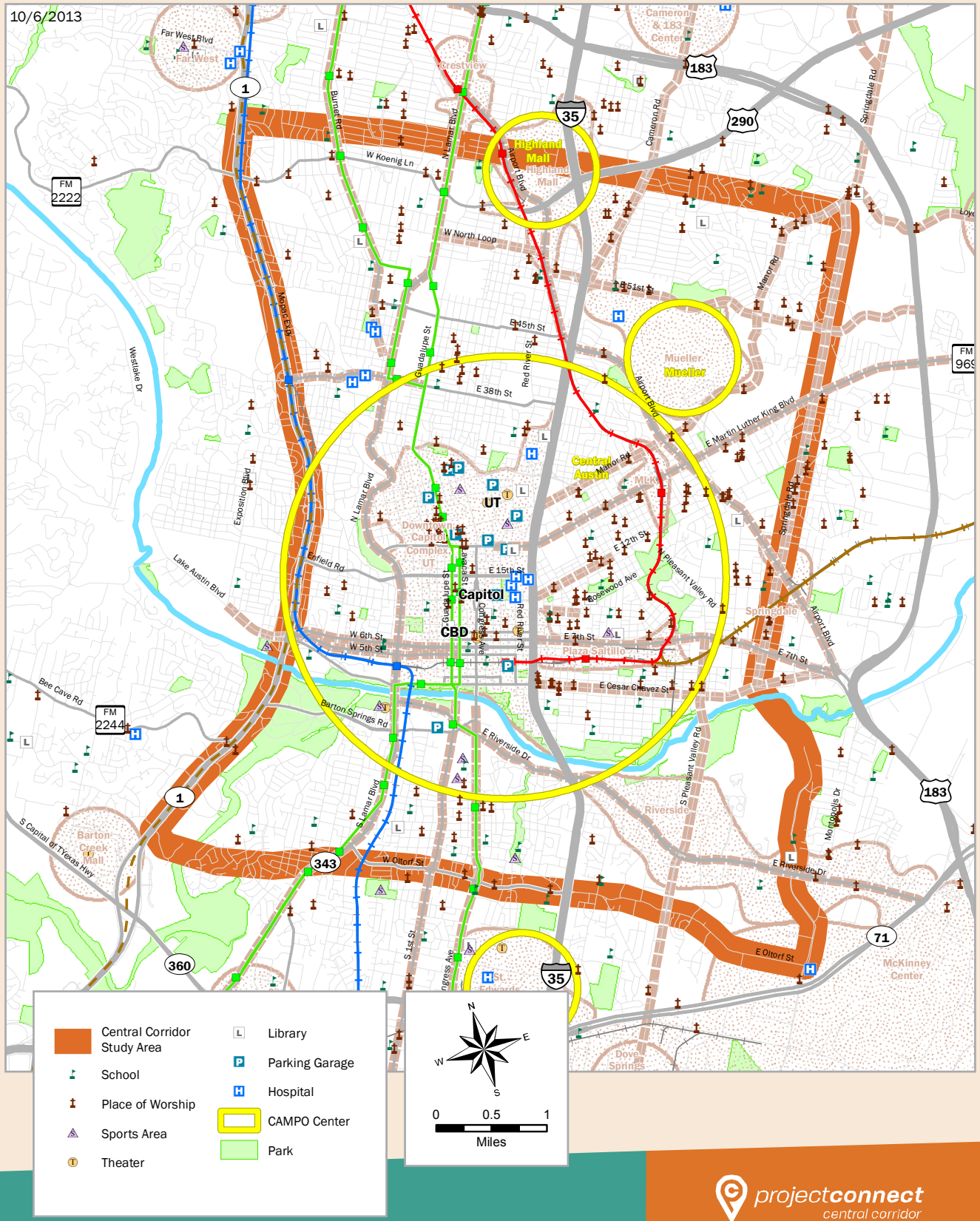
ACTIVITY CENTERS AND POINTS OF INTEREST A



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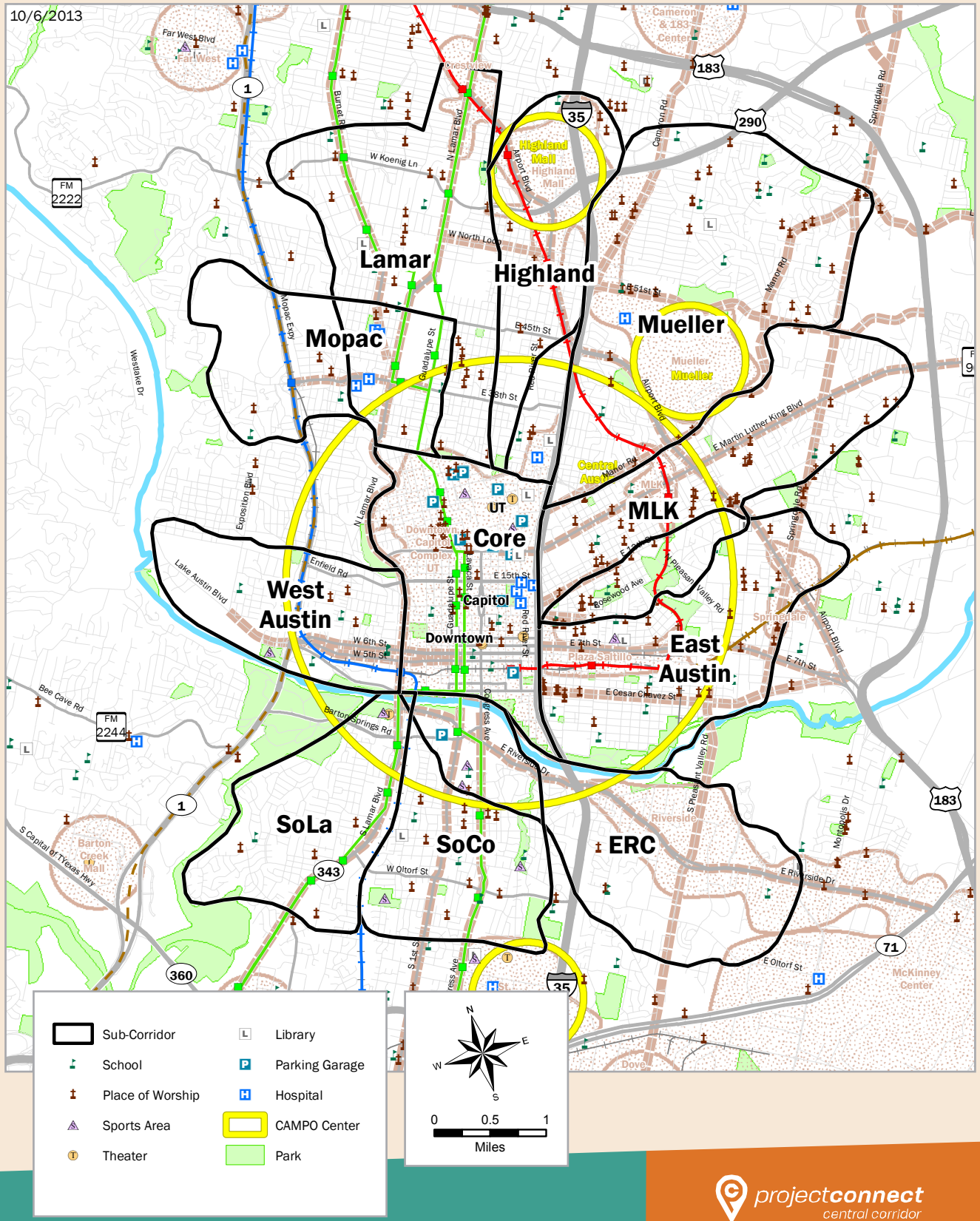
ACTIVITY CENTERS AND POINTS OF INTEREST B



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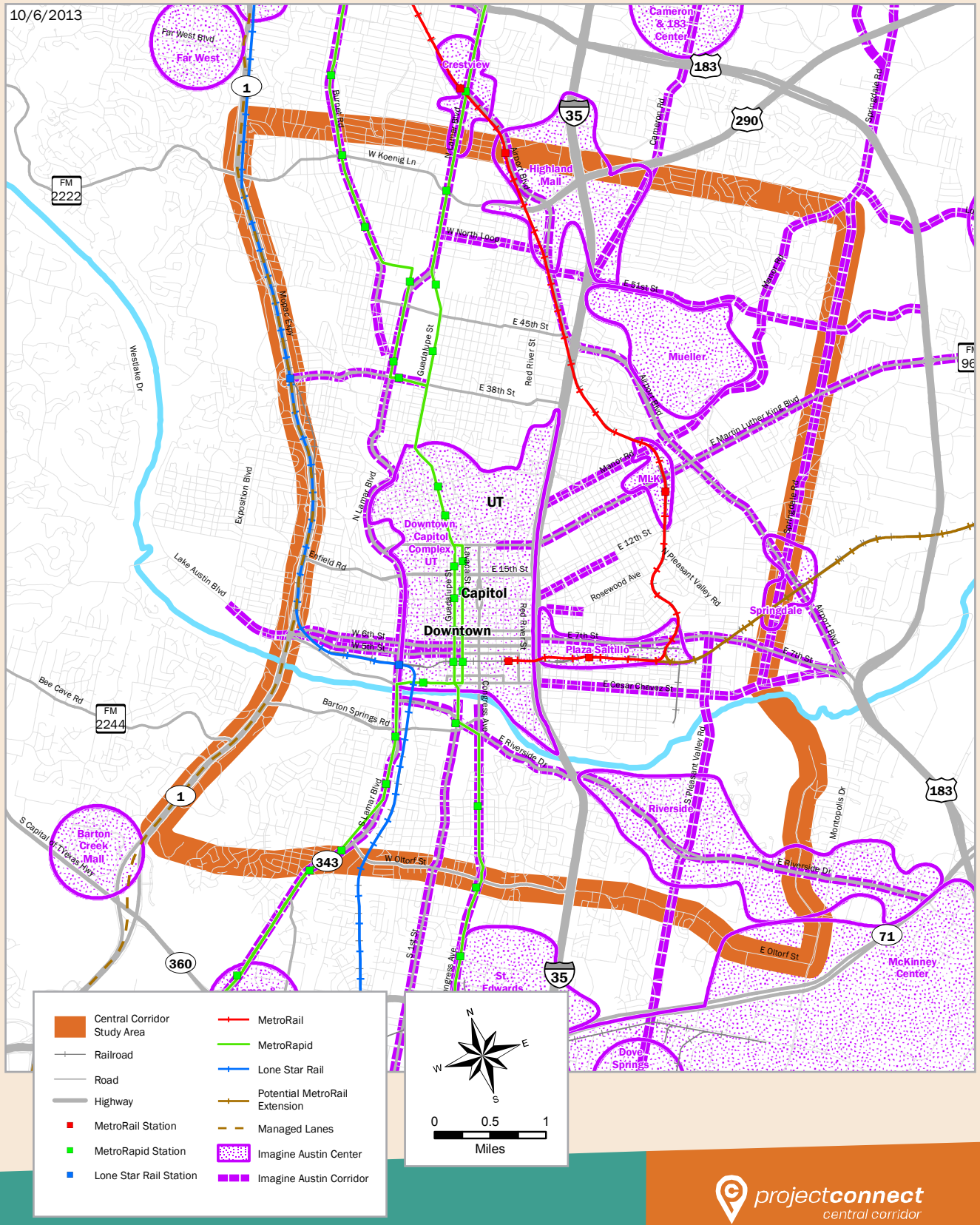
IMAGINE AUSTIN CENTERS A



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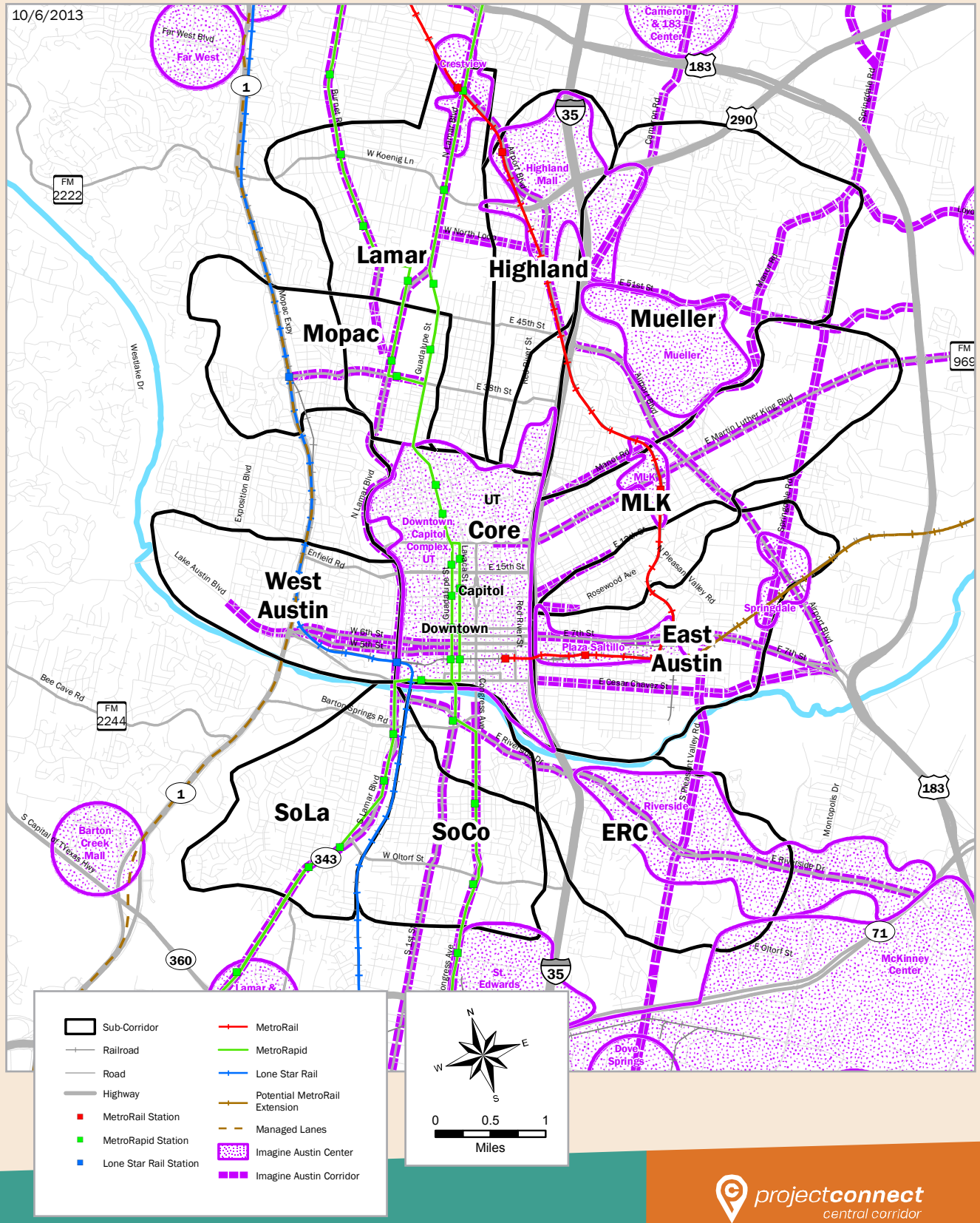
IMAGINE AUSTIN CENTERS B



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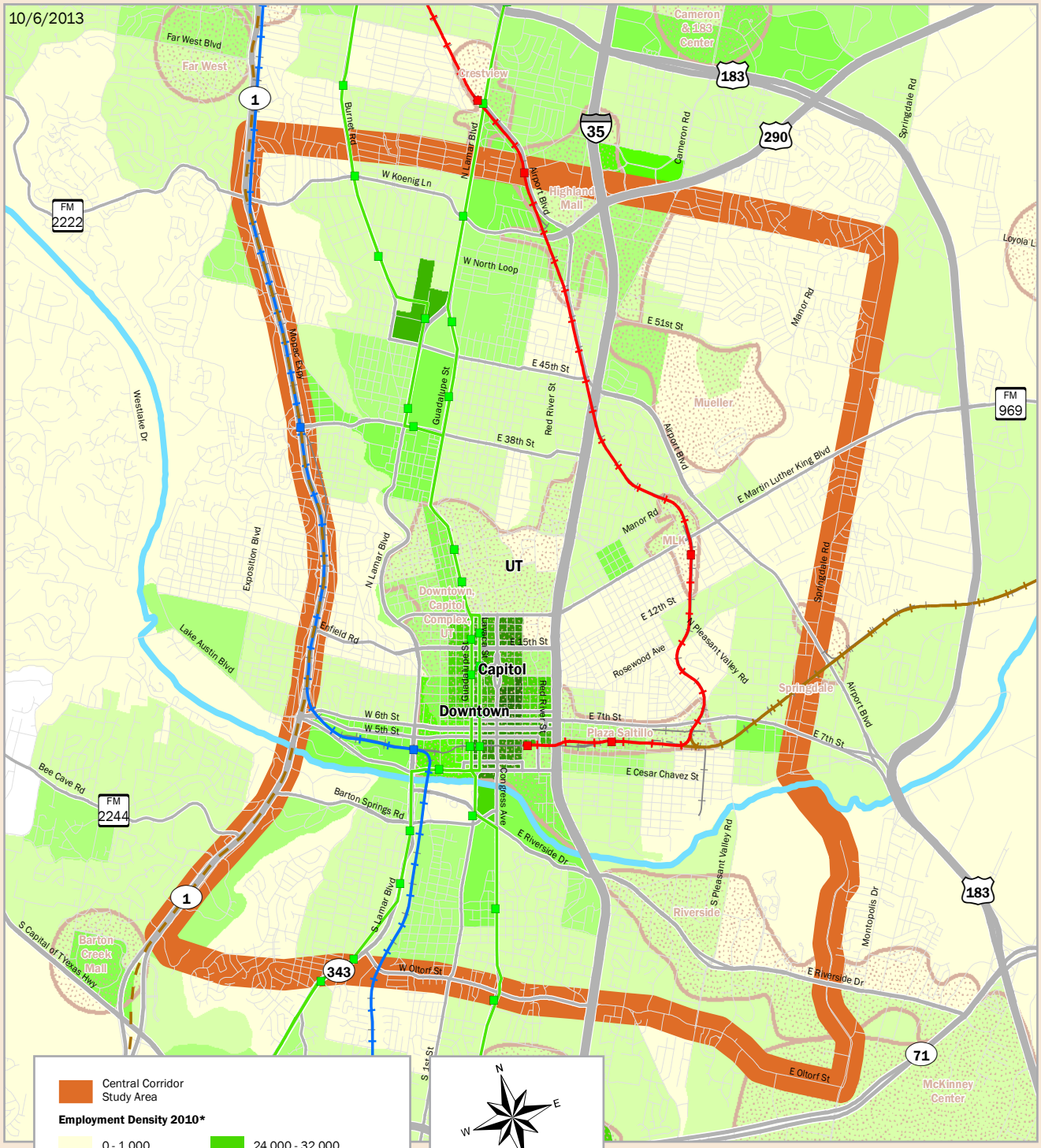
EMPLOYMENT DENSITY 2010 A



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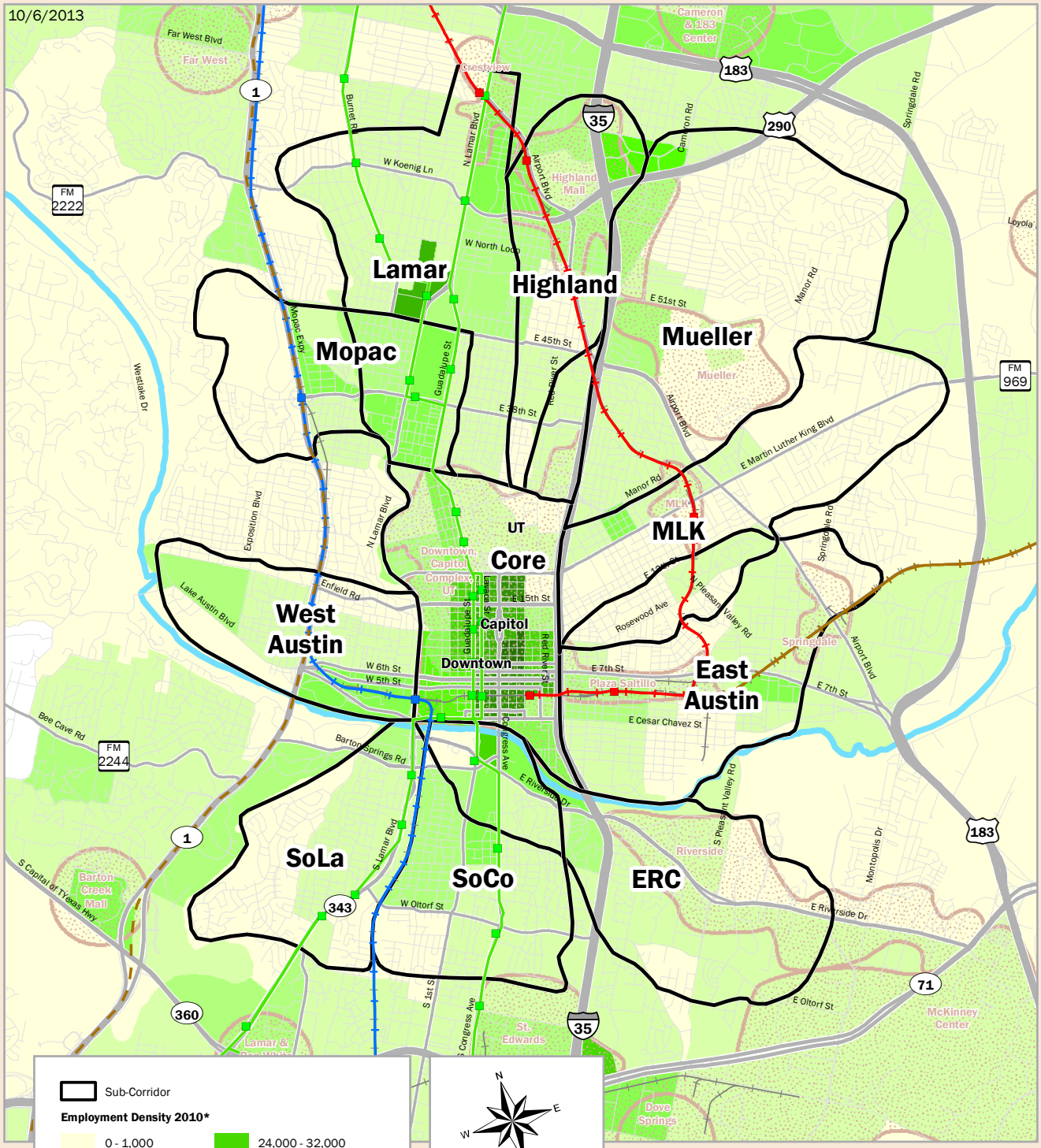
EMPLOYMENT DENSITY 2010 B



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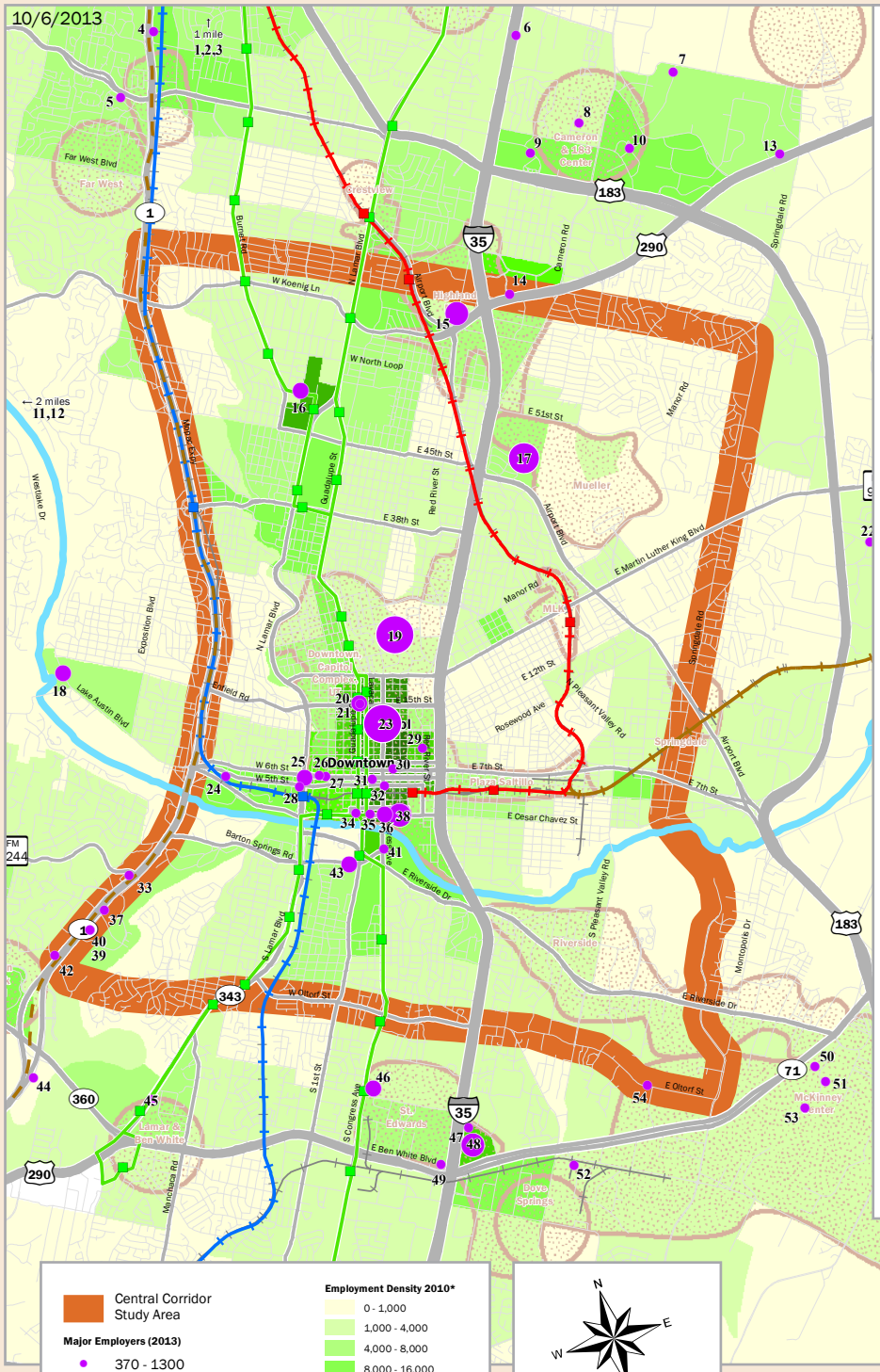
EMPLOYMENT DENSITY 2010 WITH MAJOR EMPLOYERS A



ID	Company	Employees
1	Oracle	550
2	Image Microsystems	500
3	Yodle (formerly ProfitFuel)	400
4	University Federal Credit Union	425
5	Coldwell Banker	386
6	Rackspace Managed Hosting	403
7	Clinical Pathology Laboratories	972
8	Home Depot Technology Center	500
9	Goodwill Industries of Central Texas	1,050
10	Starwood Hotels & Resorts	604
11	Bazaarvoice	551
12	VMWare	500
13	Gila Corp.	370
14	Texas Mutual Insurance Co.	522
15	Austin Community College	5,682
16	Girling Health Care	2,225
17	Seton Healthcare Family	12,606
18	Lower Colorado River Authority	2,255
19	University of Texas at Austin	25,974
20	AT&T	3,450
21	Deloitte	405
22	BAE Systems	534
23	State of Texas	70,863
24	BBVA Compass	498
25	Whole Foods Market	2,166
26	GSD&M Idea City	439
27	Cirrus Logic	523
28	HomeAway	510
29	Teacher Retirement System of Texas	517
30	Netspend	408
31	JPMorgan Chase & Co.	1,300
32	Bank of America	650
33	Temple-Inland	450
34	Silicon Laboratories	600
35	CSC Financial Services Group	420
36	Wells Fargo Bank Texas	1,400
37	Texas Gas Service	388
38	St. David's Healthcare Partnership	7,500
39	Intel Corp.	1,100
40	Accenture	790
41	Austin American-Statesman	565
42	EZCorp	400
43	Austin Energy	1,700
44	SolarWinds	370
45	Dynamic Systems	500
46	St. Edward's University	1,508
47	U.S. Dept. of Veterans Affairs	750
48	U.S. Internal Revenue Service	4,500
49	Maximus	918
50	Aditya Birla Minacs	500
51	PPD Development	1,050
52	Stock Building Supply of Texas	500
53	Progressive Insurance Co.	1,211
54	Spansion	907

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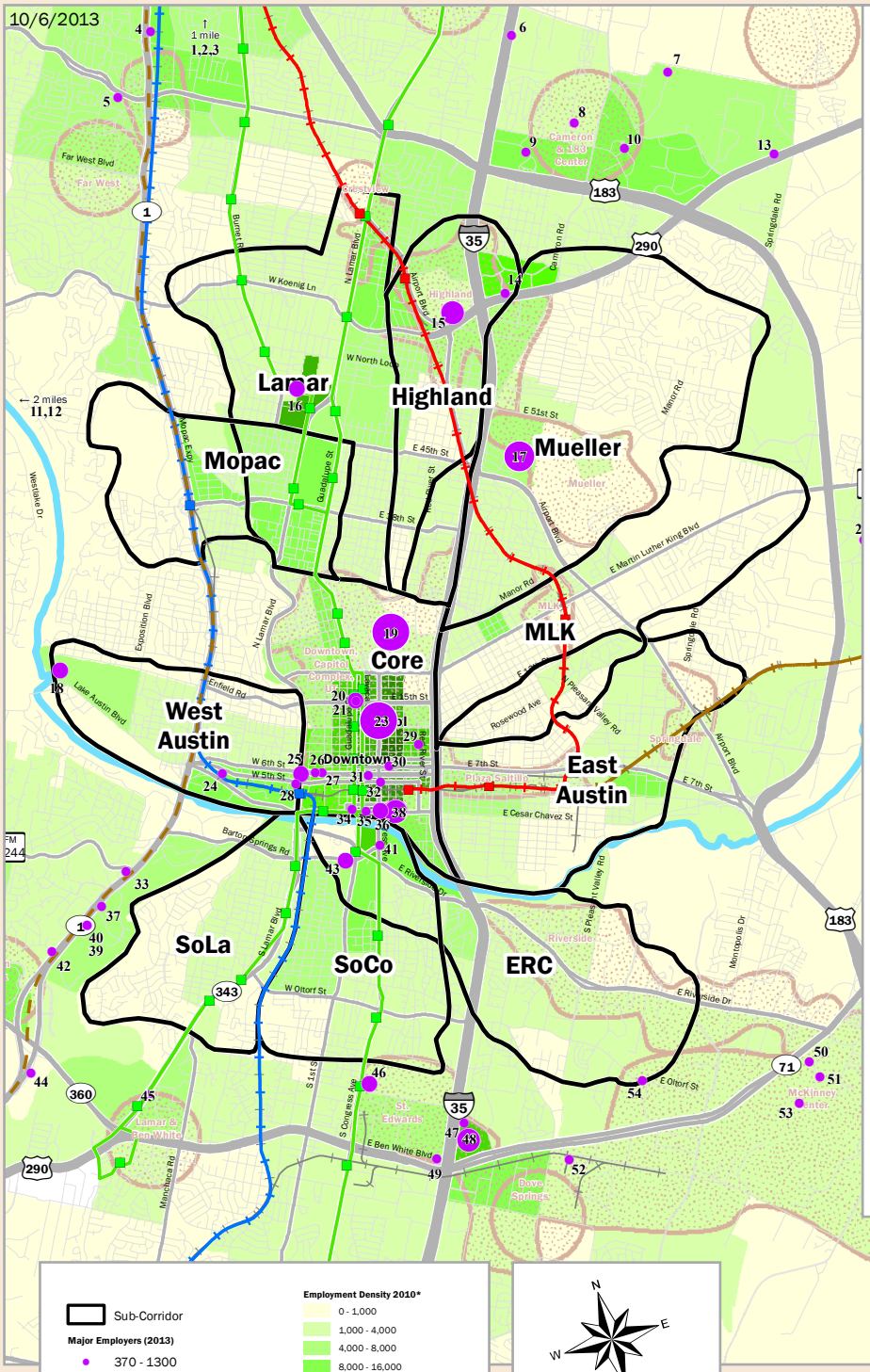
EMPLOYMENT DENSITY 2010 WITH MAJOR EMPLOYERS B



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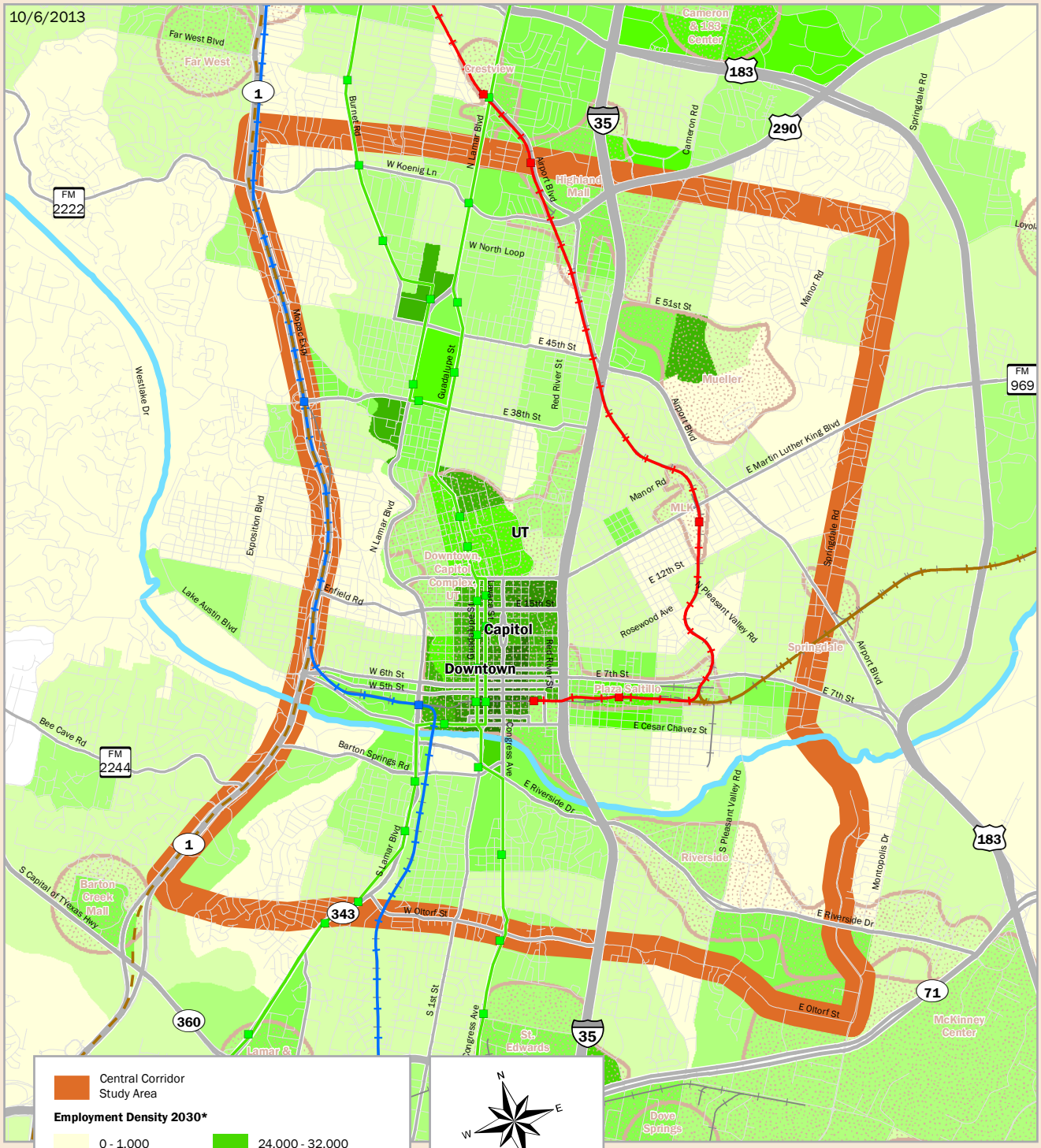
EMPLOYMENT DENSITY 2030 A



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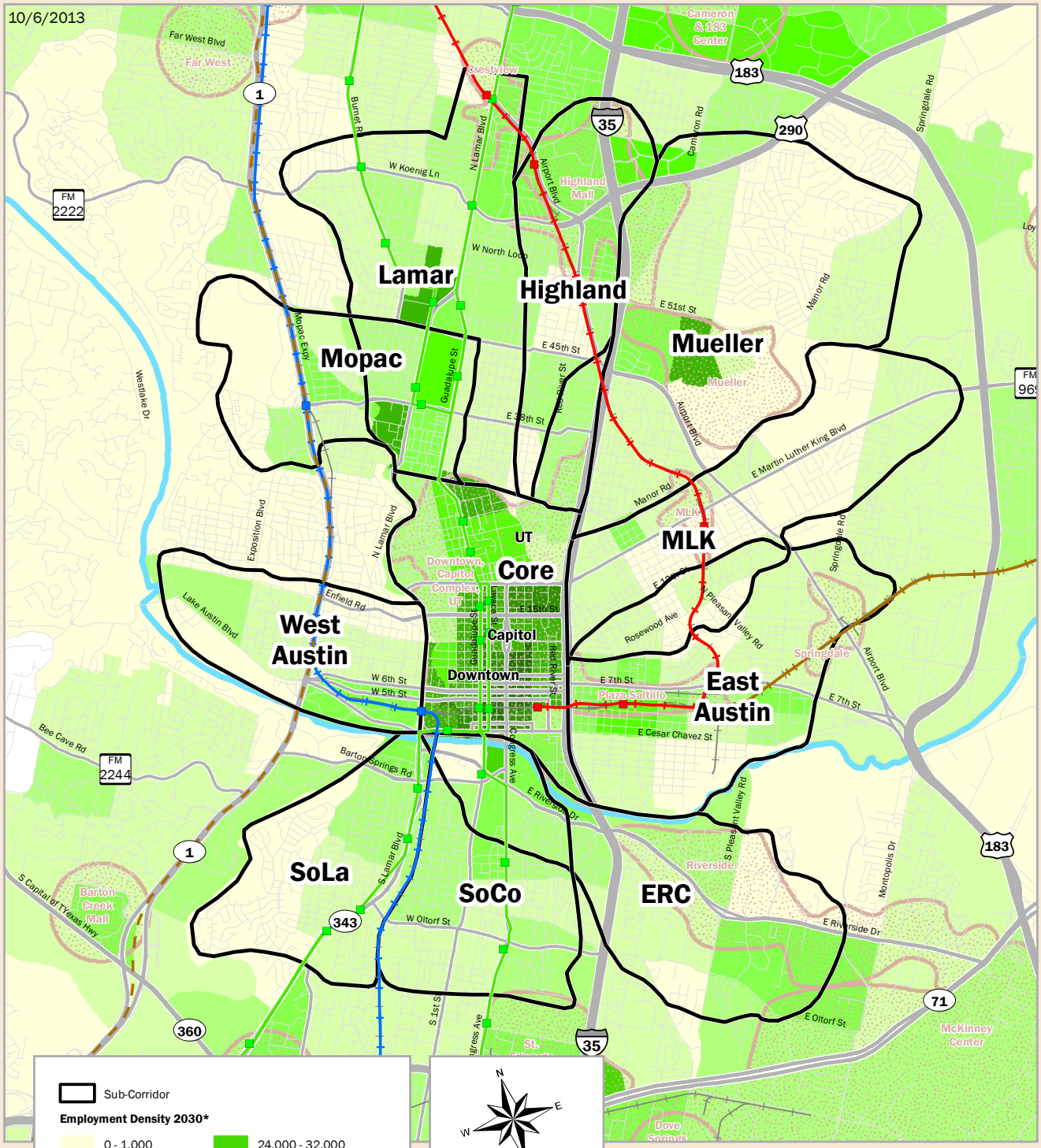
EMPLOYMENT DENSITY 2030 B



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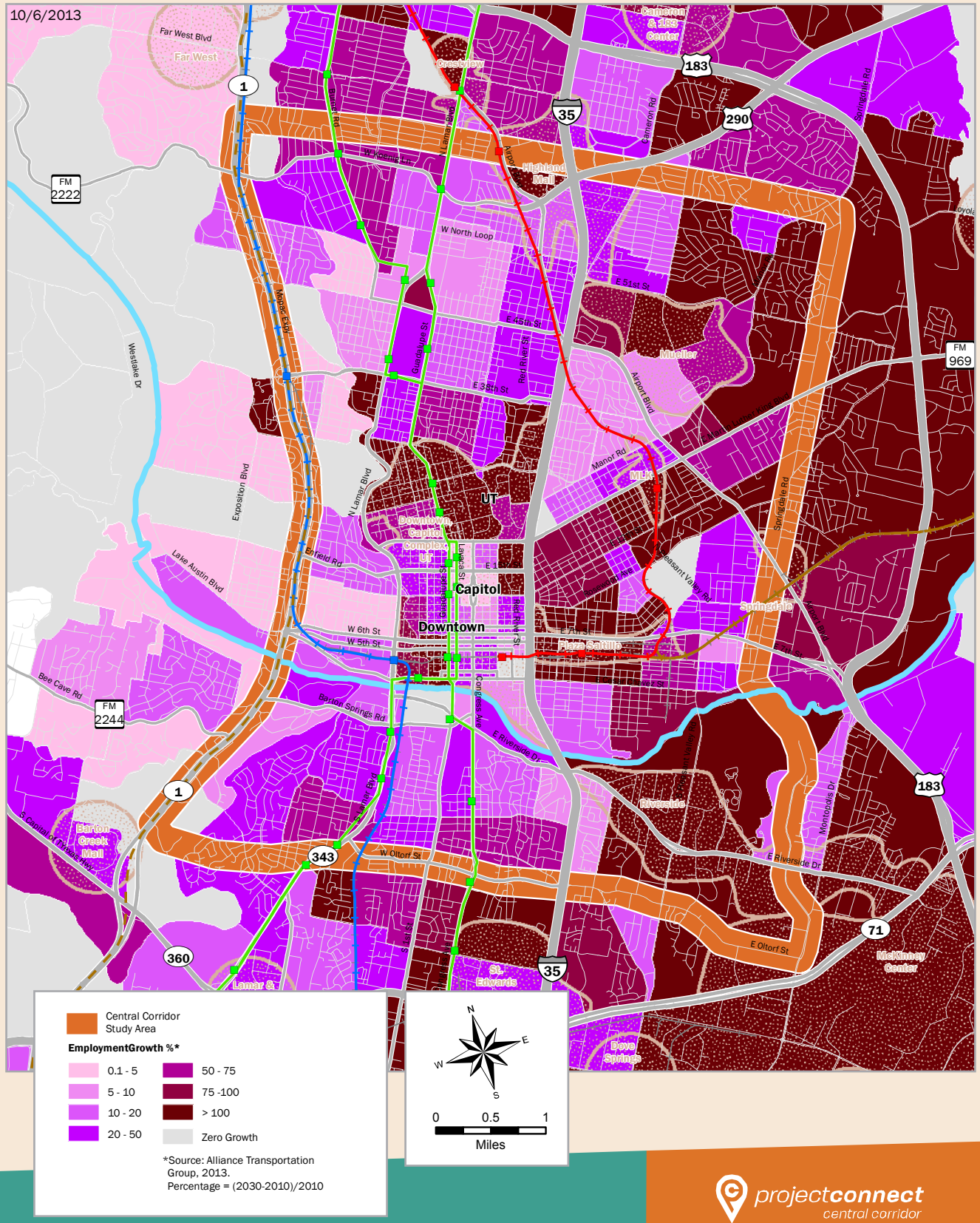
EMPLOYMENT GROWTH 2010-2030 A



Central Corridor Study Area

EmploymentGrowth %*

- 0.1 - 5
- 5 - 10
- 10 - 20
- 20 - 50
- 50 - 75
- 75 -100
- > 100
- Zero Growth

*Source: Alliance Transportation Group, 2013. Percentage = (2030-2010)/2010

N E S W

0 0.5 1 Miles

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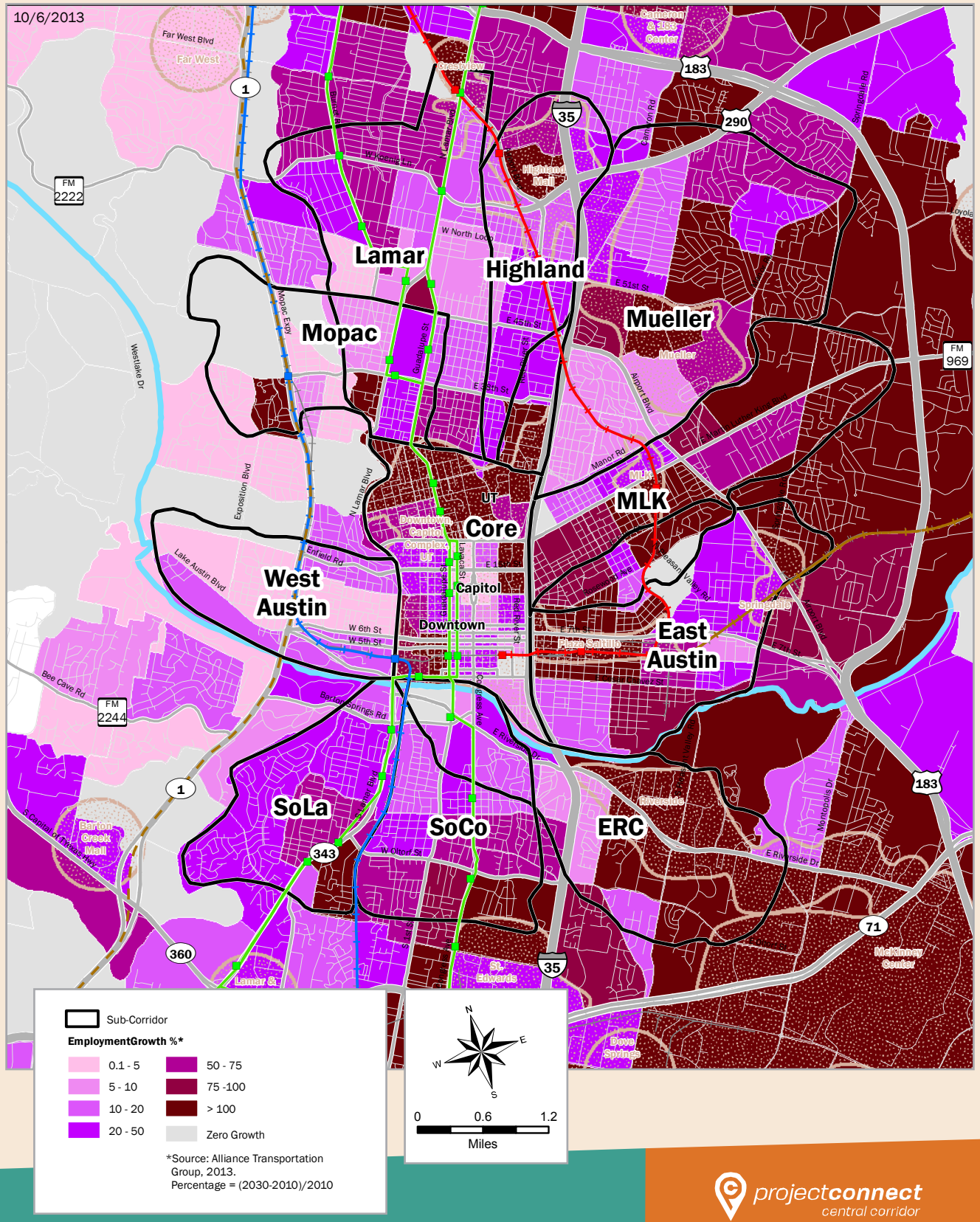
EMPLOYMENT GROWTH 2010-2030 B



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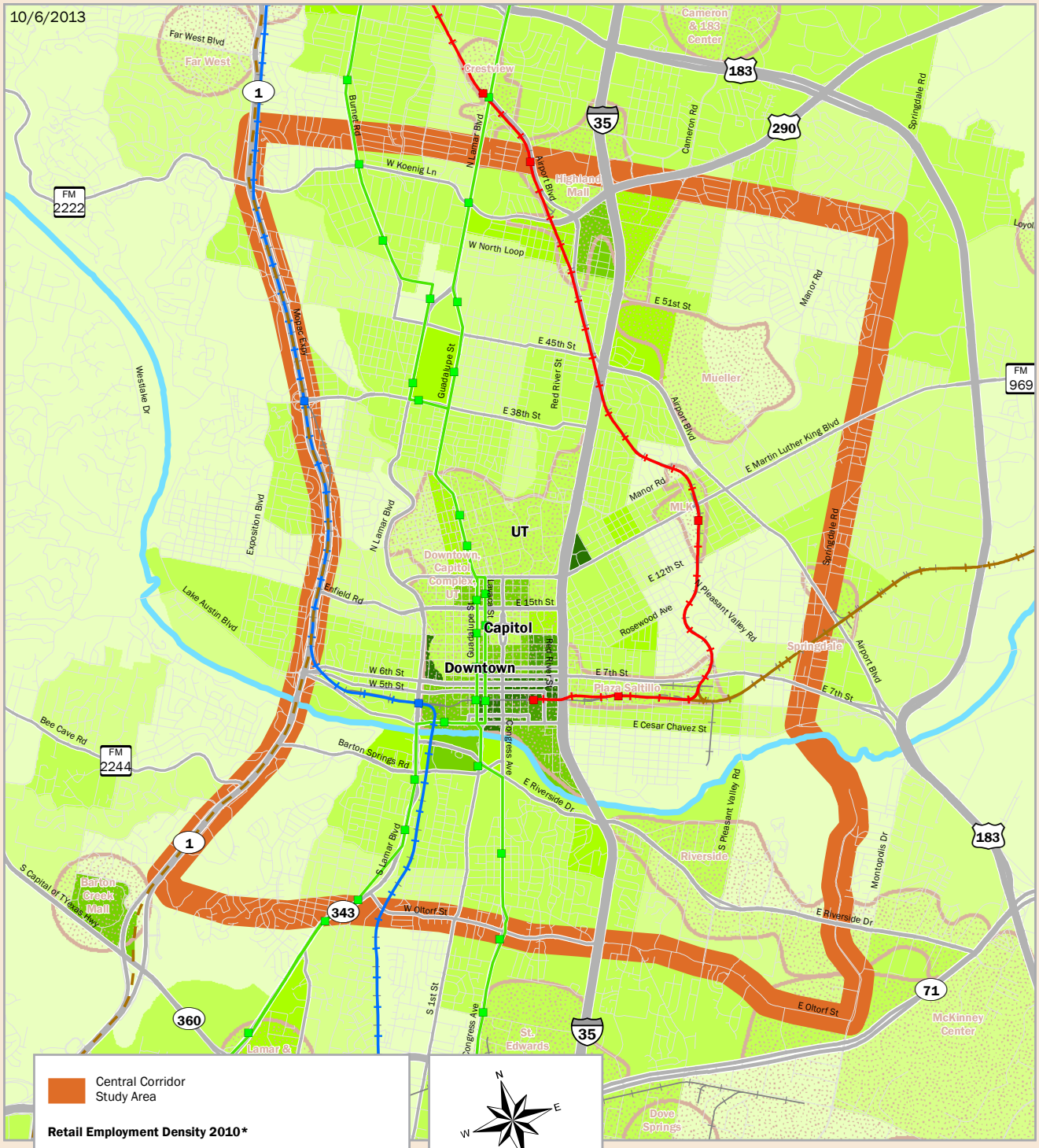
RETAIL EMPLOYMENT DENSITY 2010 A



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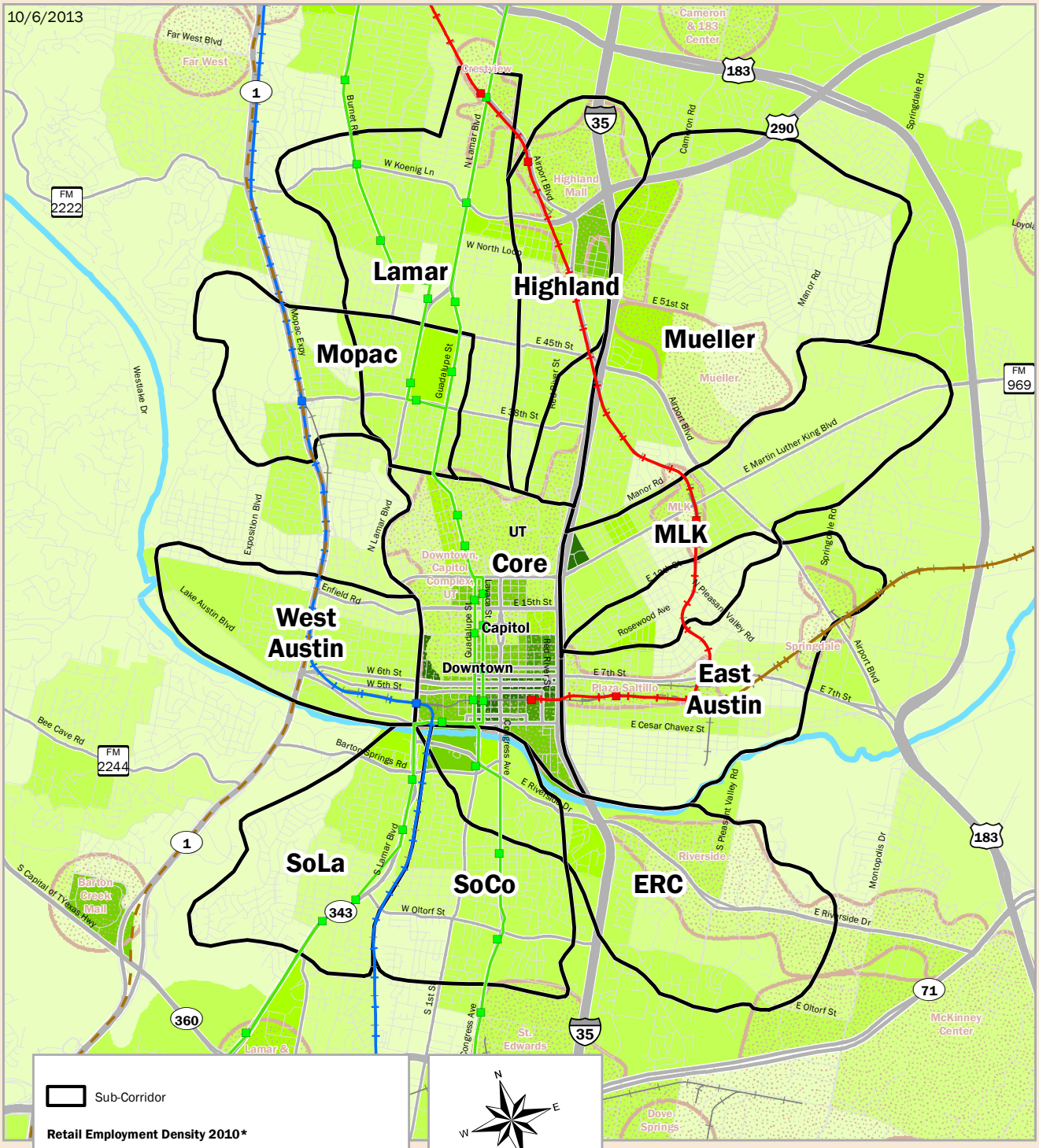
RETAIL EMPLOYMENT DENSITY 2010 B



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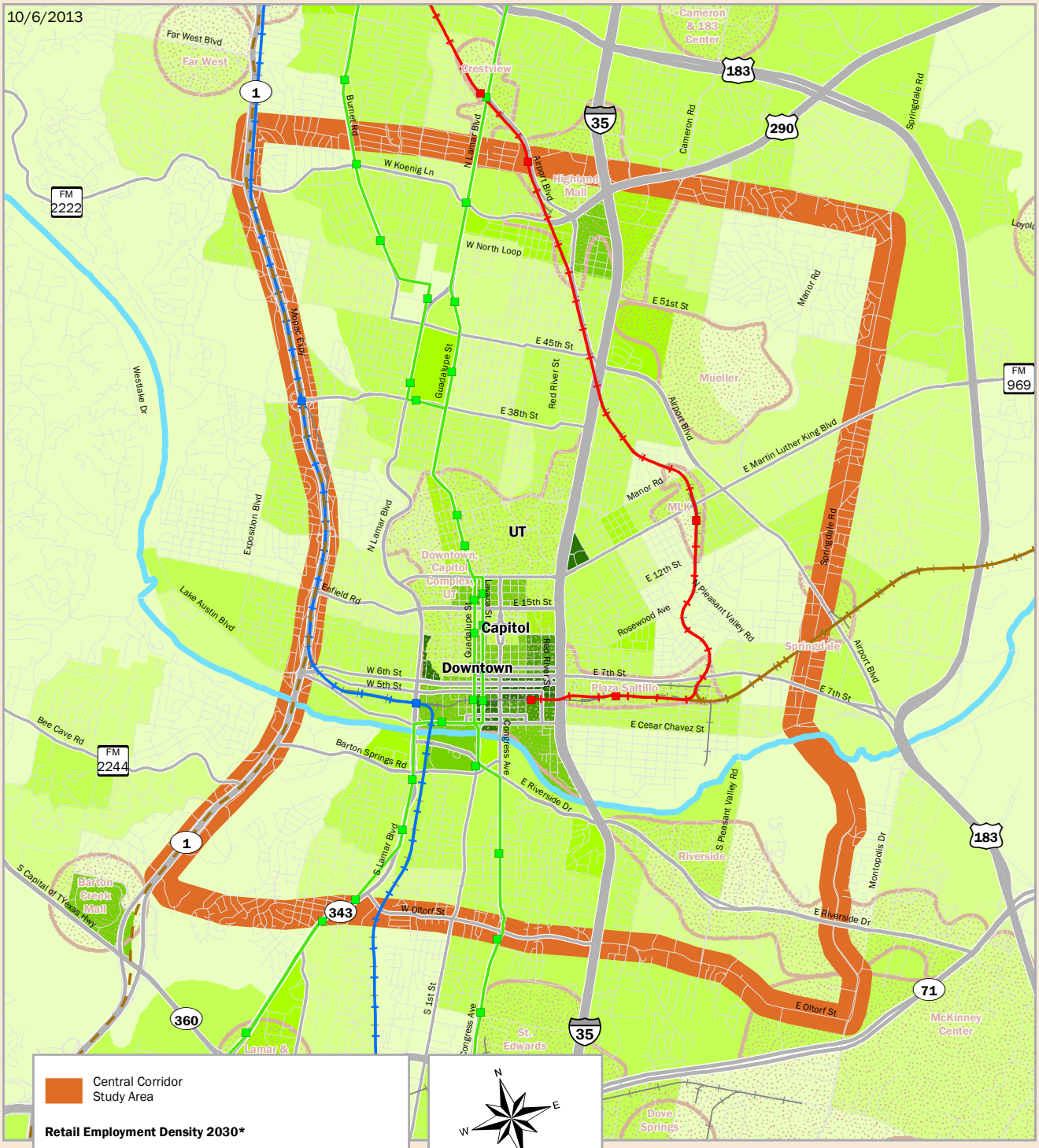
RETAIL EMPLOYMENT DENSITY 2030 A



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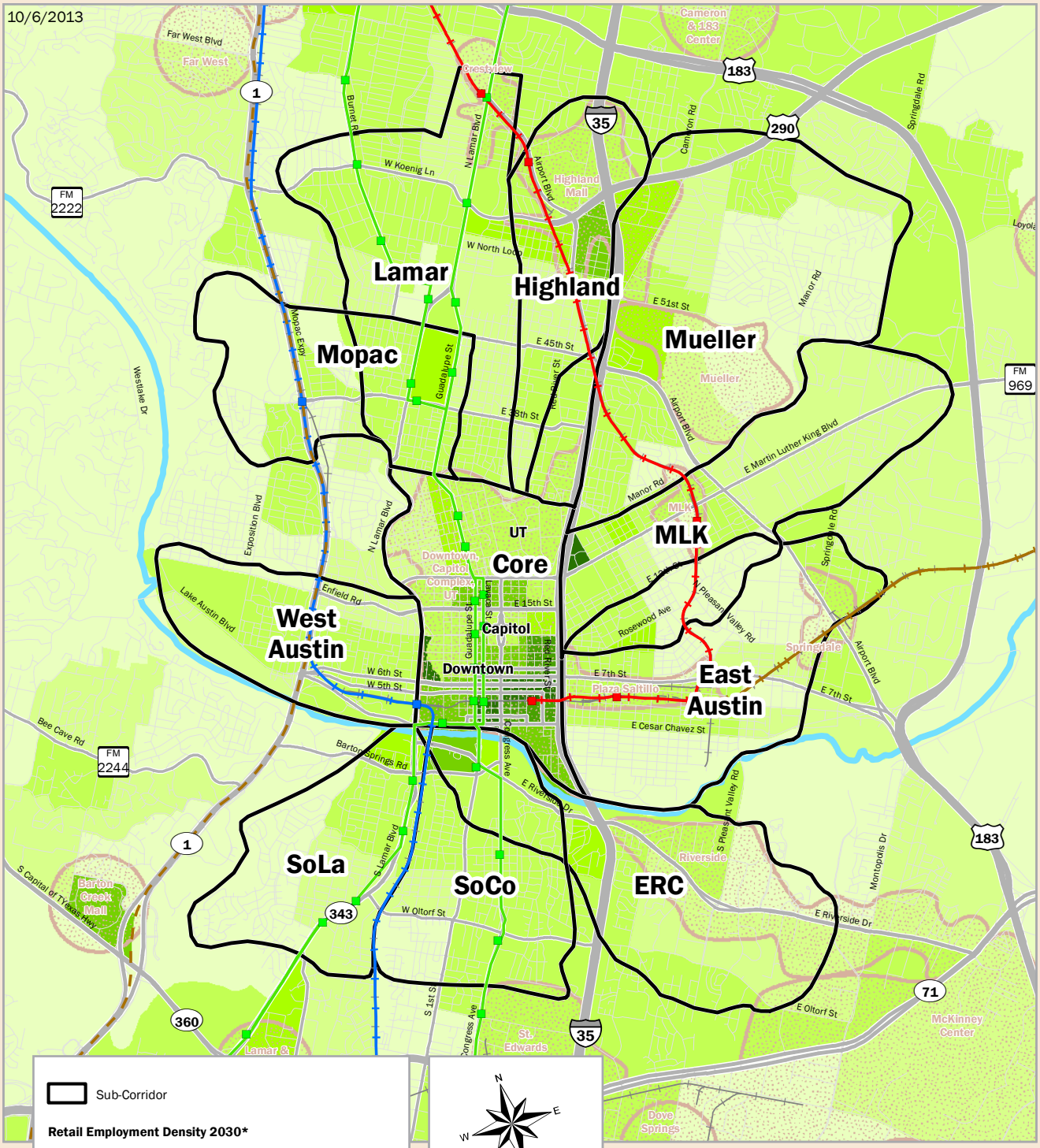
RETAIL EMPLOYMENT DENSITY 2030 B



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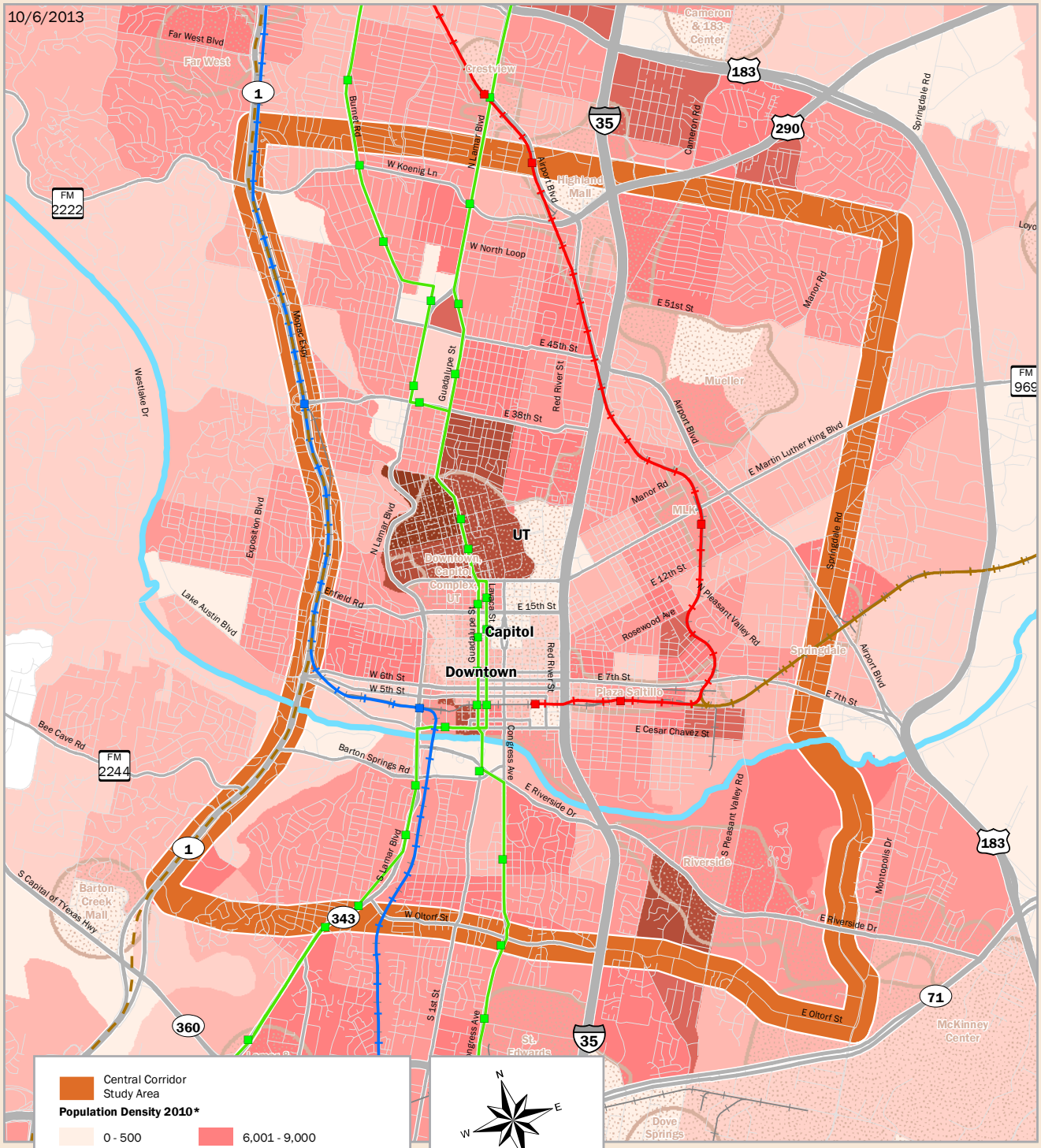
POPULATION DENSITY 2010 A



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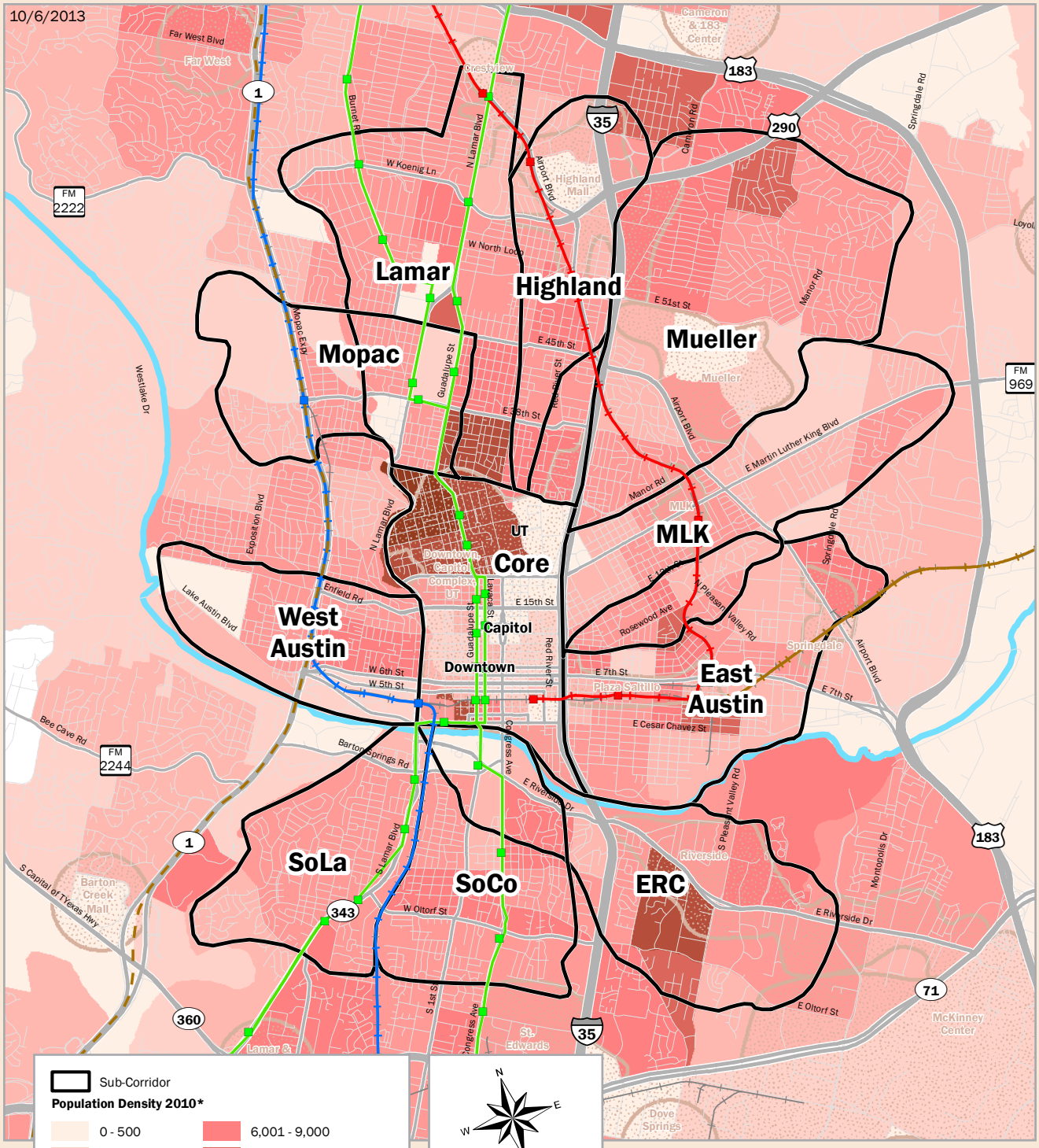
POPULATION DENSITY 2010 B



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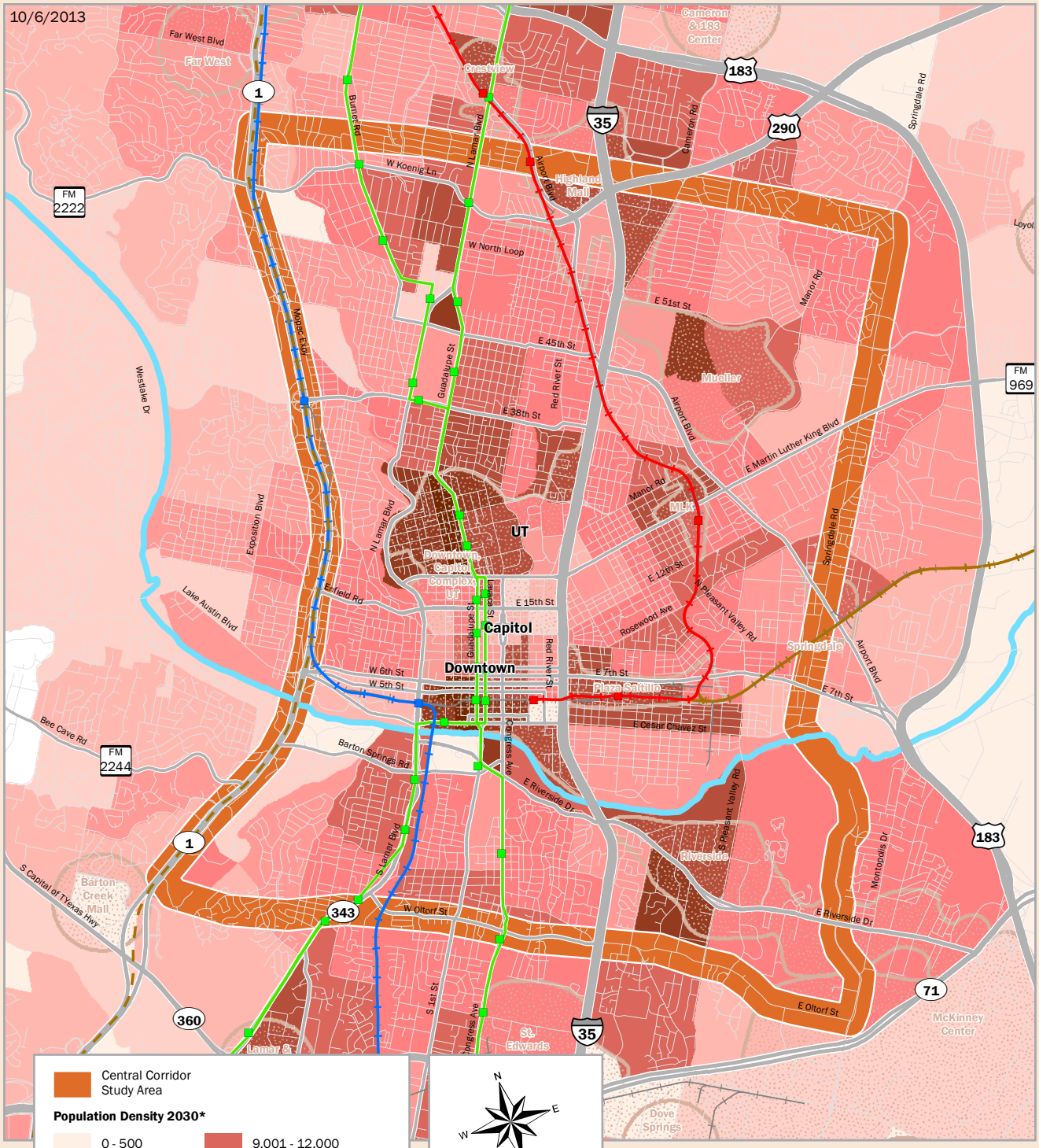
POPULATION DENSITY 2030 A



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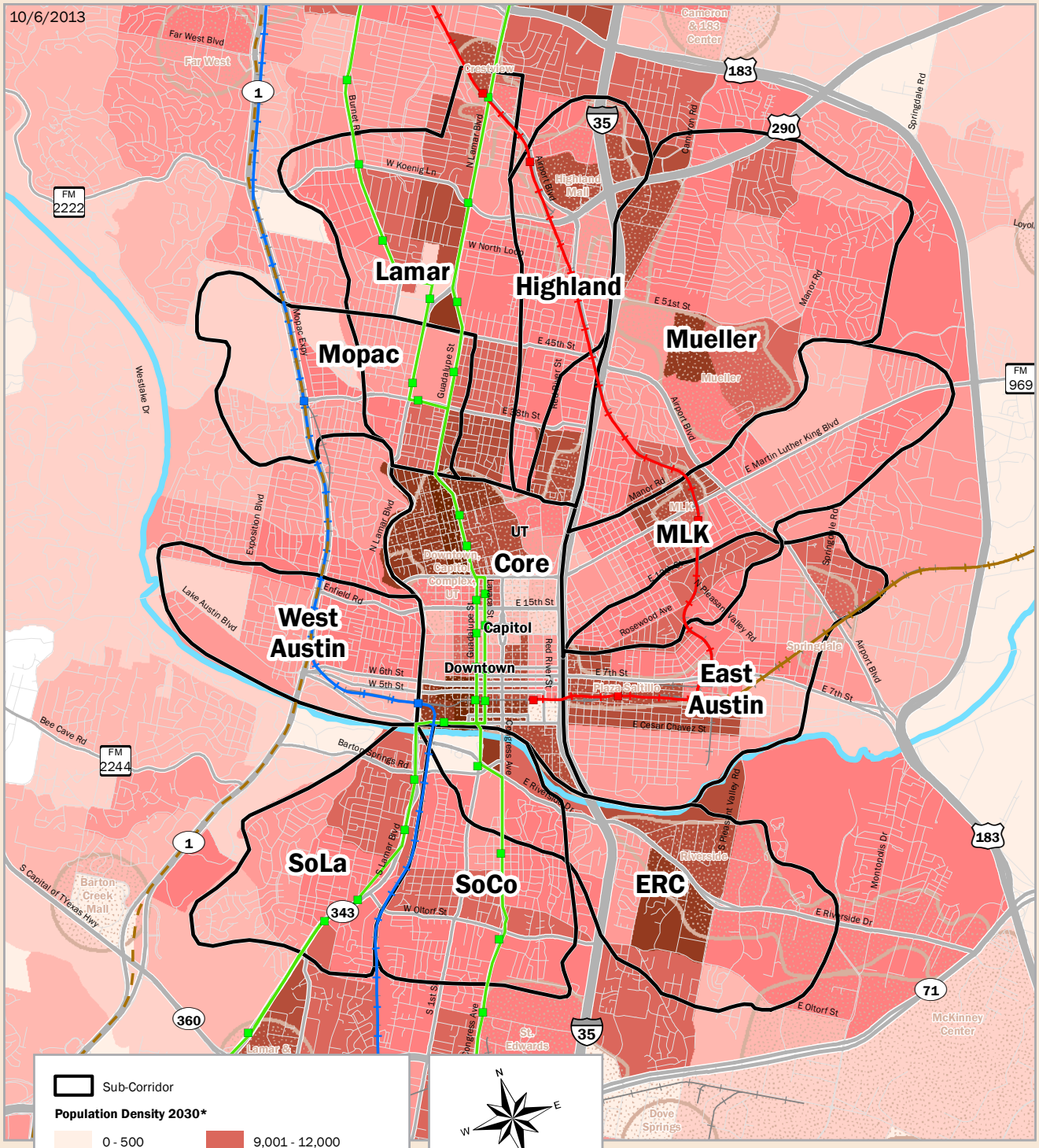
POPULATION DENSITY 2030 B



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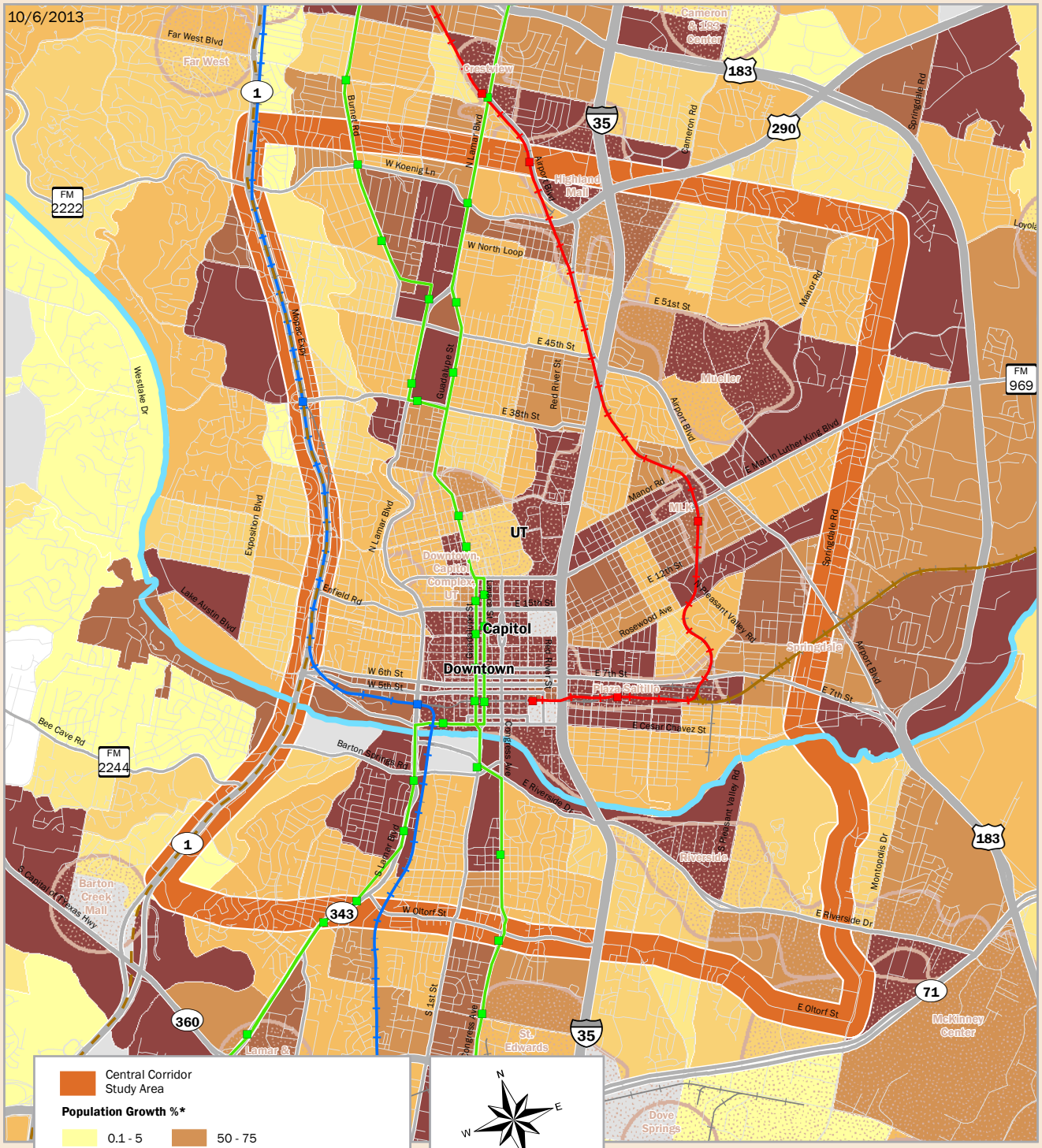
POPULATION GROWTH 2010-2030 A



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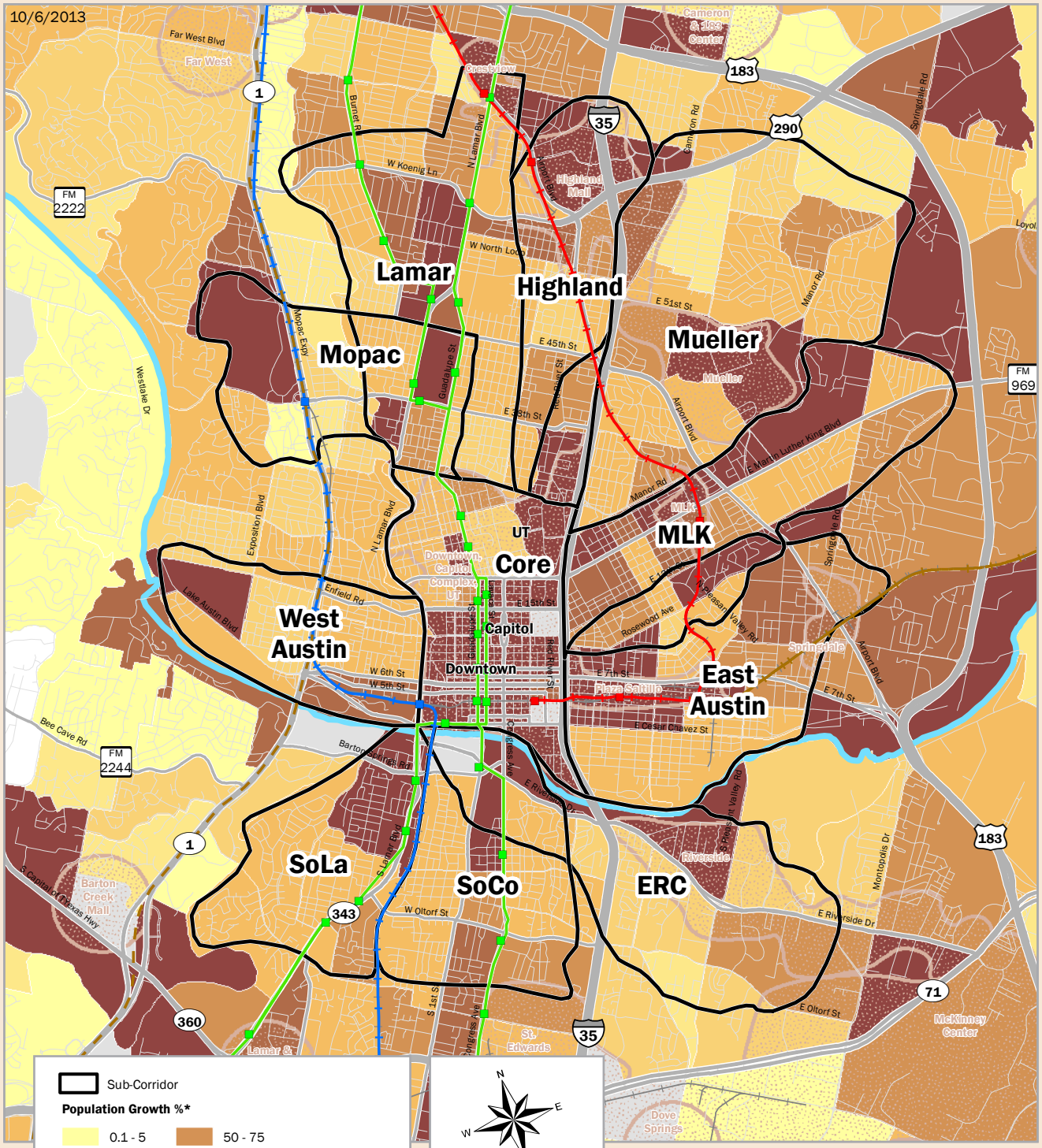
POPULATION GROWTH 2010-2030 B



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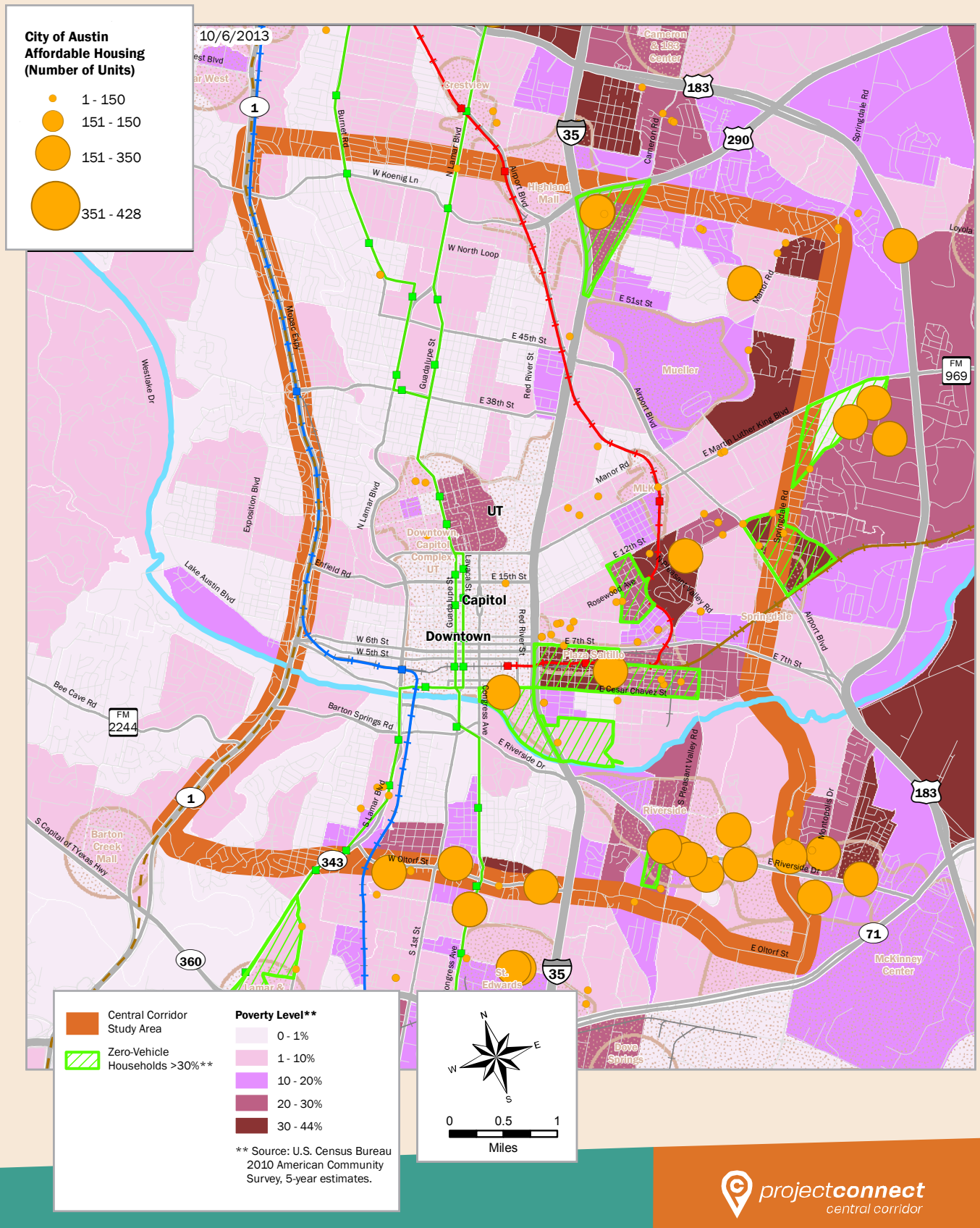
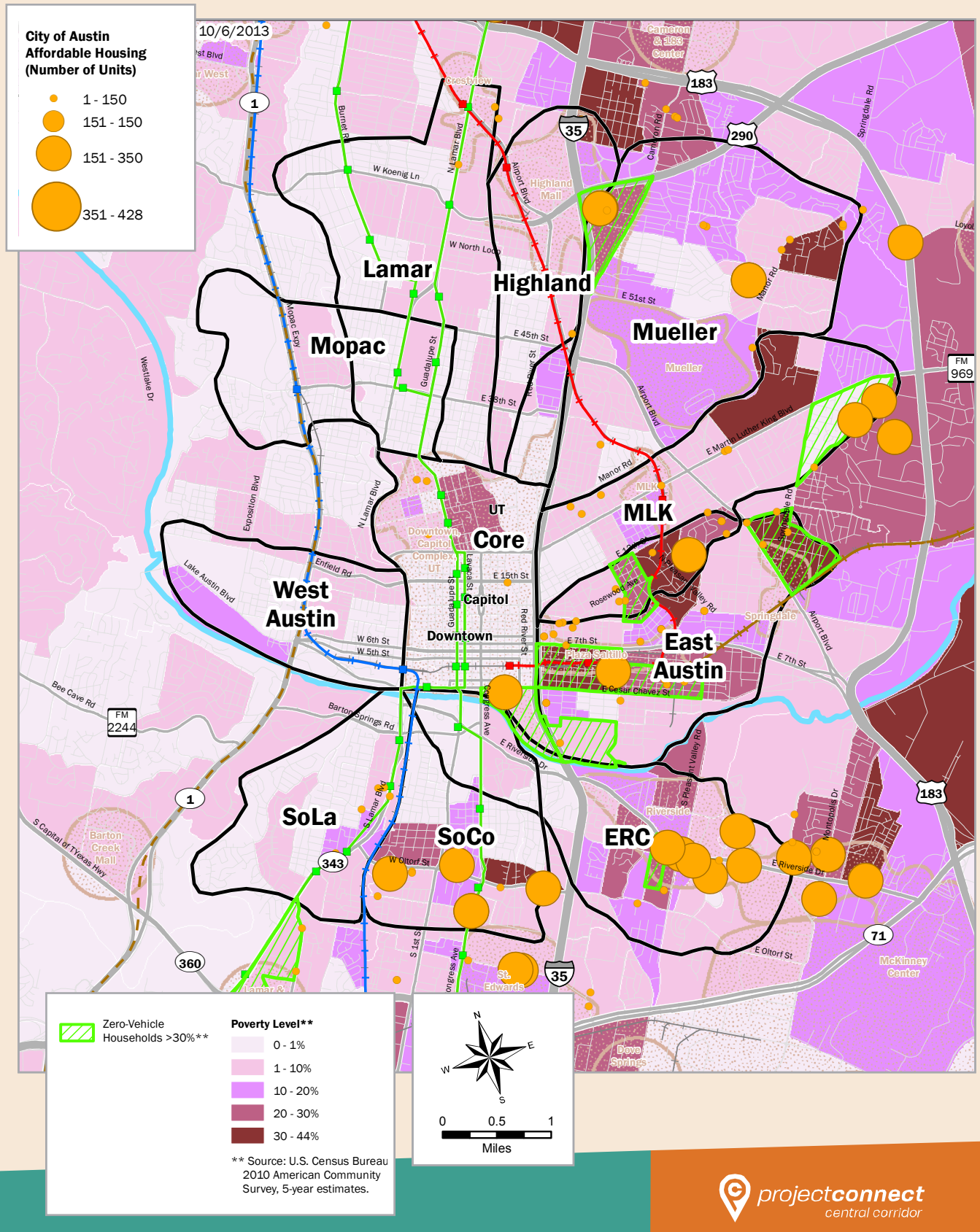
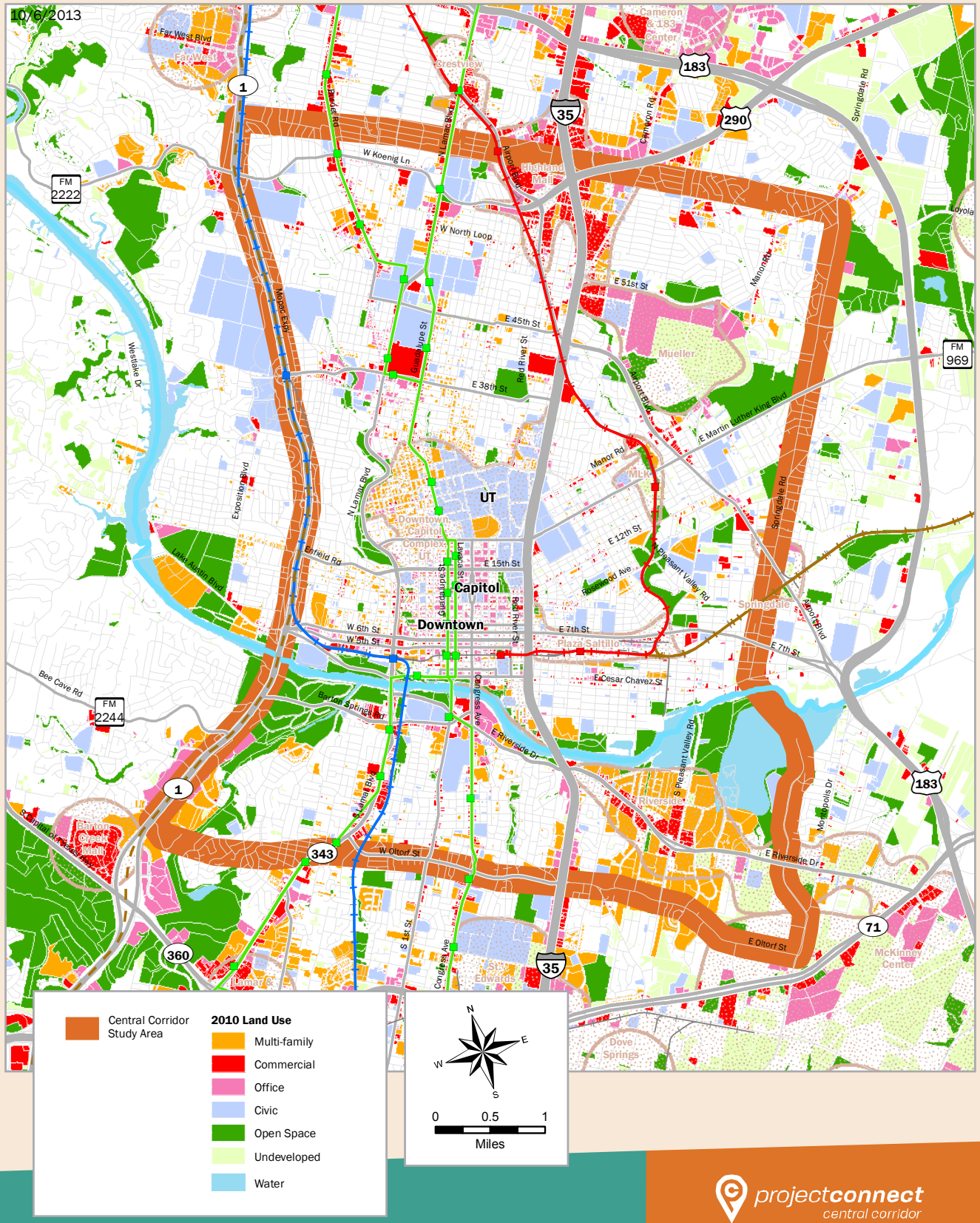
POVERTY, ZERO-VEHICLE HOUSEHOLDS, AFFORDABLE HOUSING 2010 A



POVERTY, ZERO-VEHICLE HOUSEHOLDS, AFFORDABLE HOUSING 2010 B



SELECTED LAND USE 2010 A



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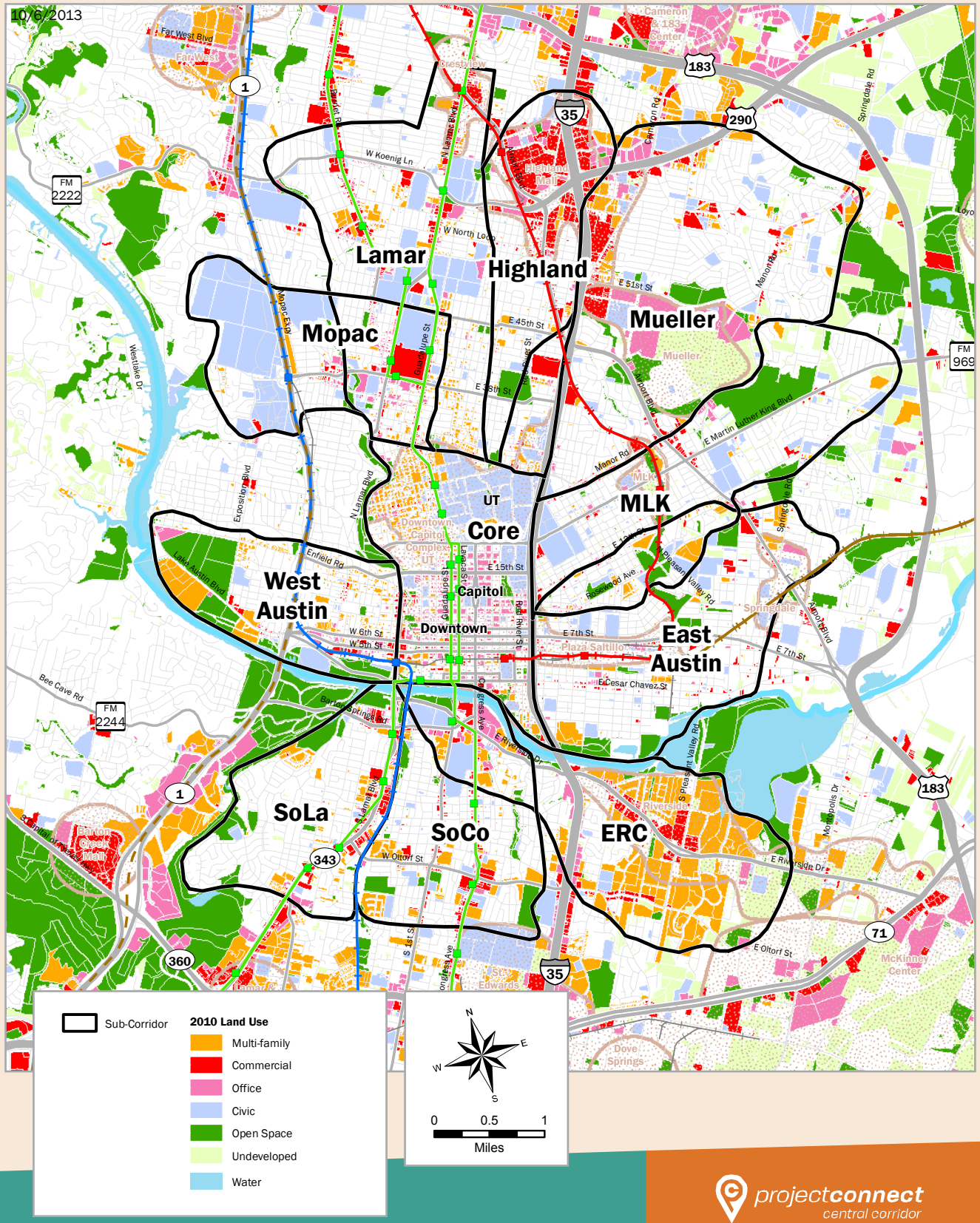
SELECTED LAND USE 2010 B



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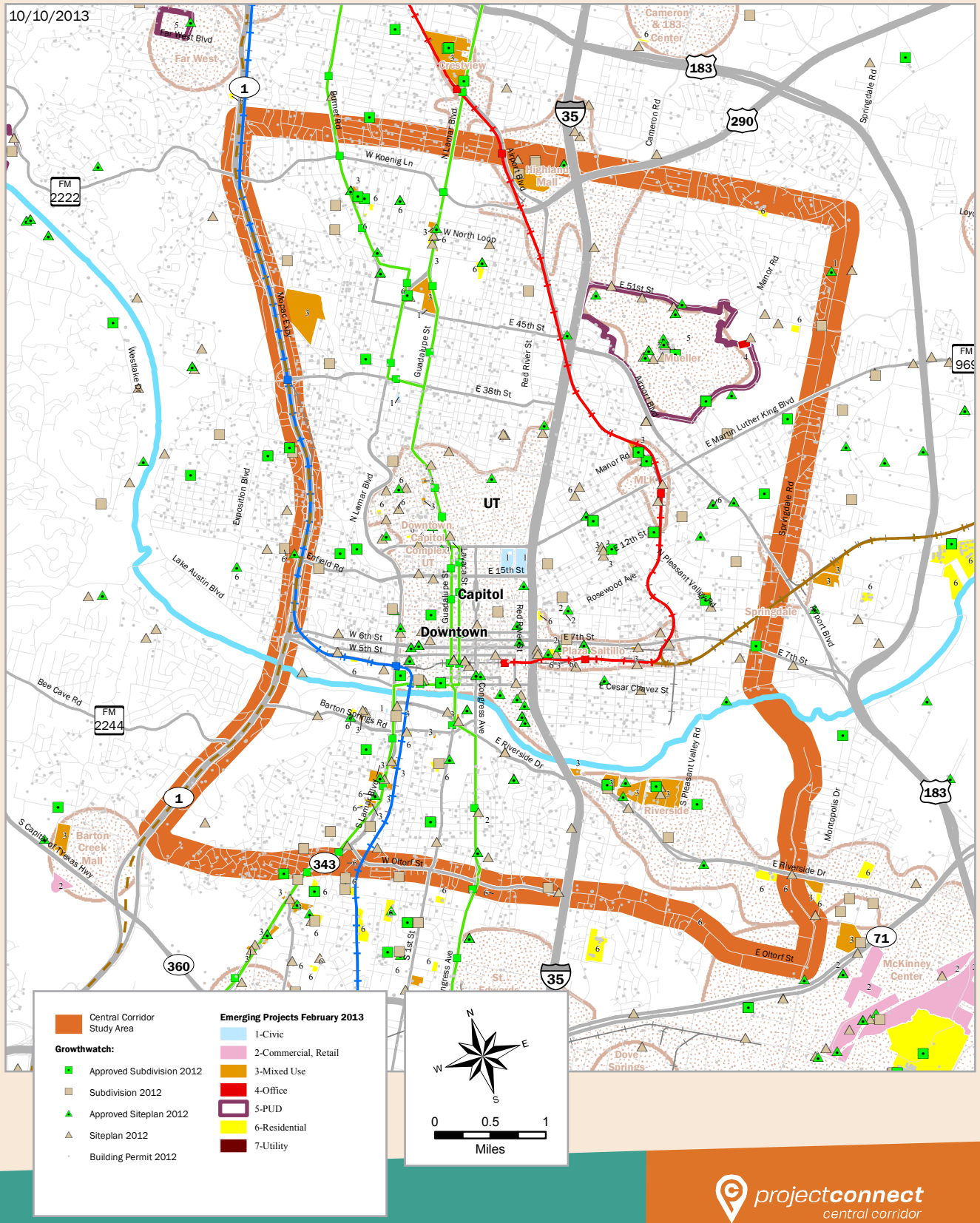
CITY OF AUSTIN 2012 GROWTH WATCH AND 2013 EMERGING PROJECTS A



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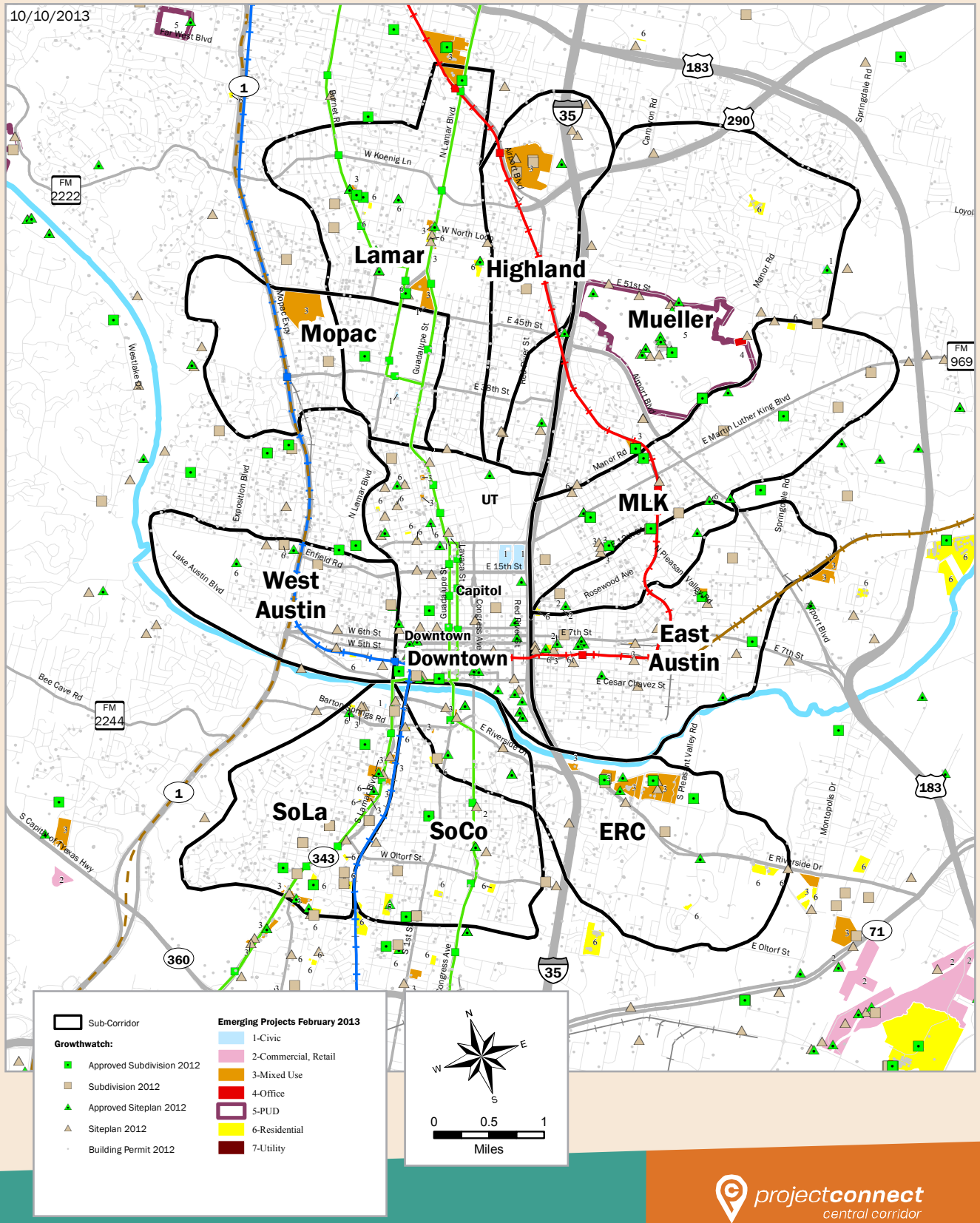
CITY OF AUSTIN 2012 GROWTH WATCH AND 2013 EMERGING PROJECTS B



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MULTIMODAL SYSTEM A

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MULTIMODAL SYSTEM B

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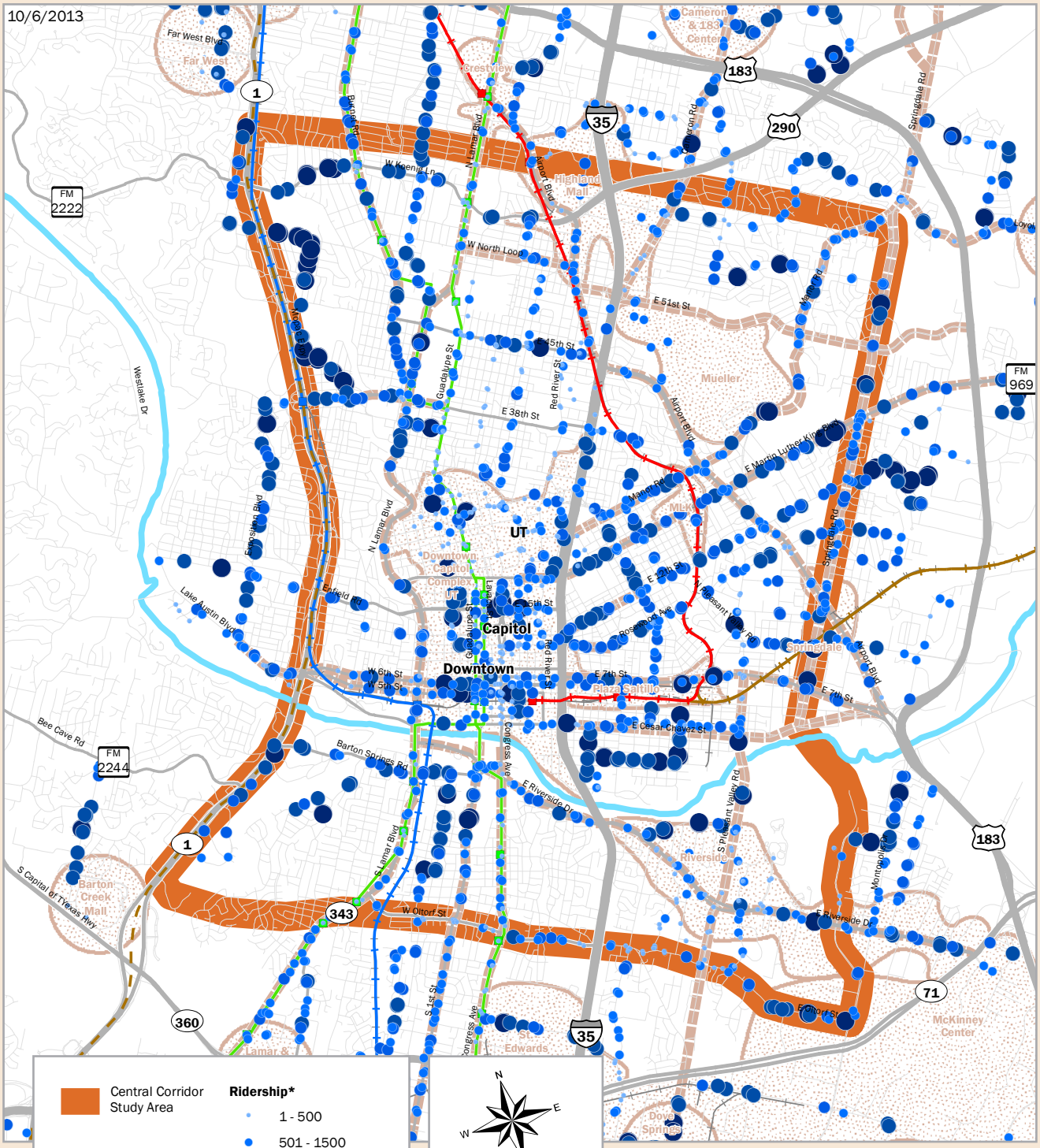
BUS RIDERSHIP – 2011 A



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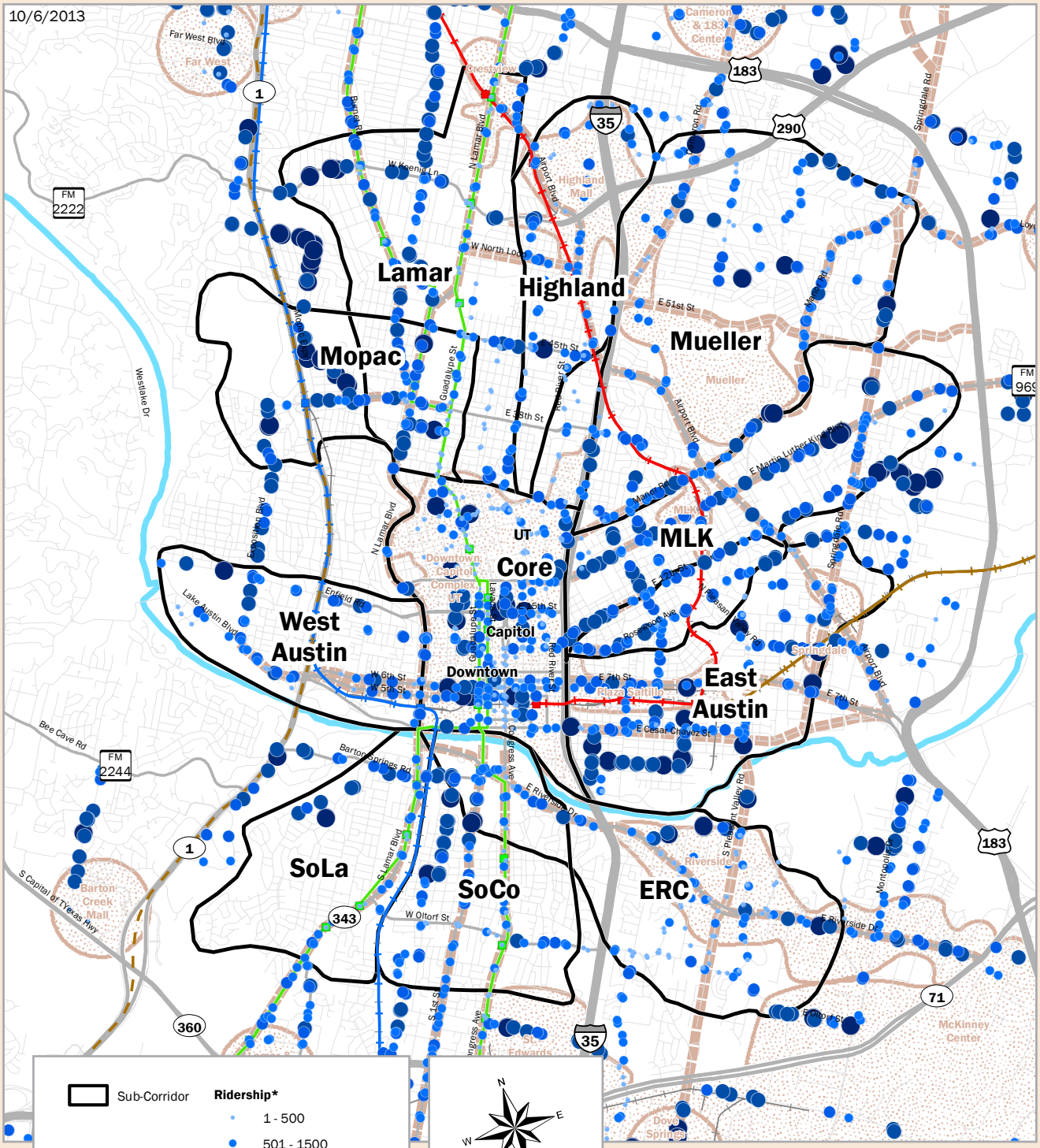

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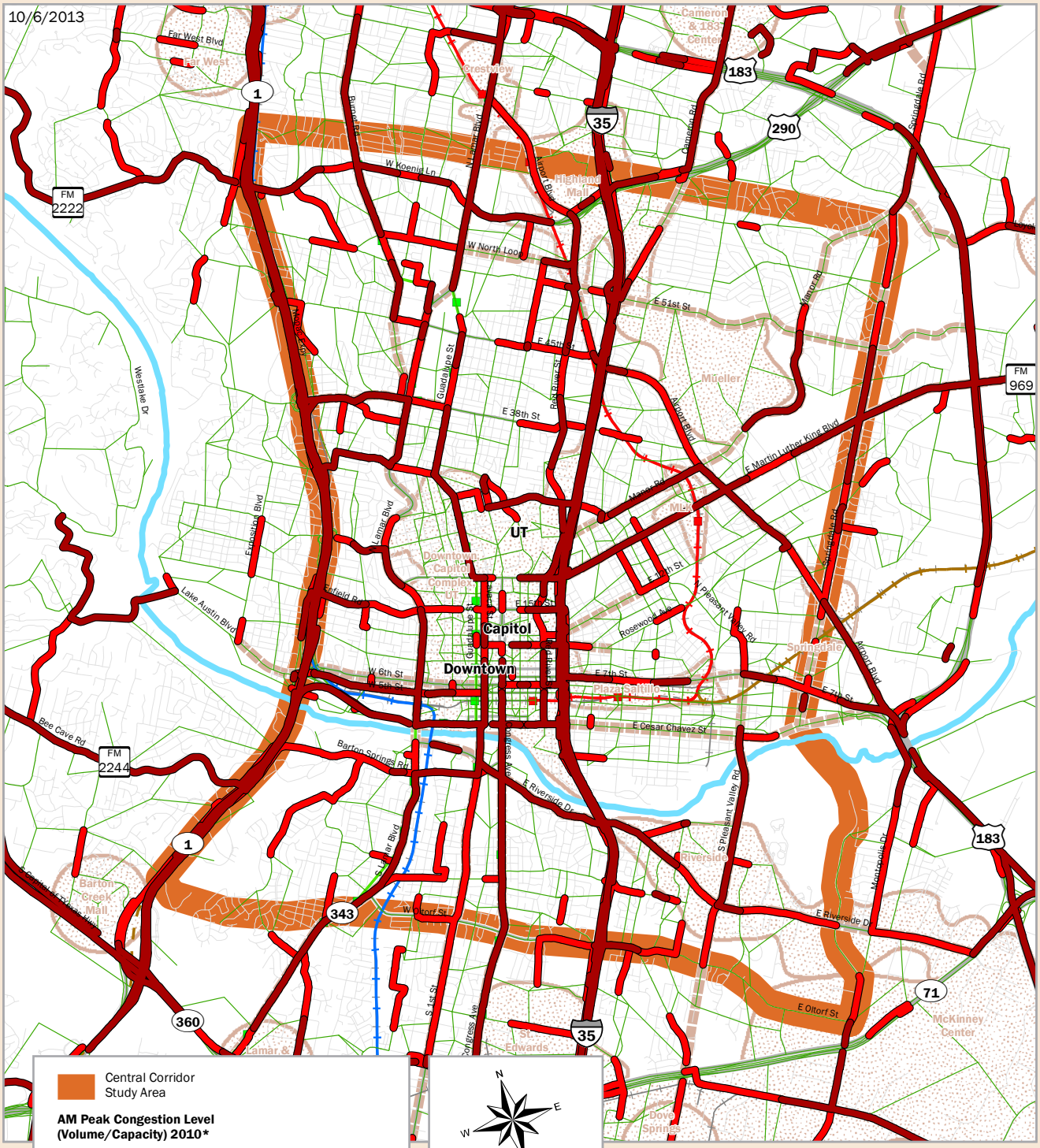
TRAVEL DEMAND MODEL 2010 LINK VOLUME/CAPACITY (V/C) A



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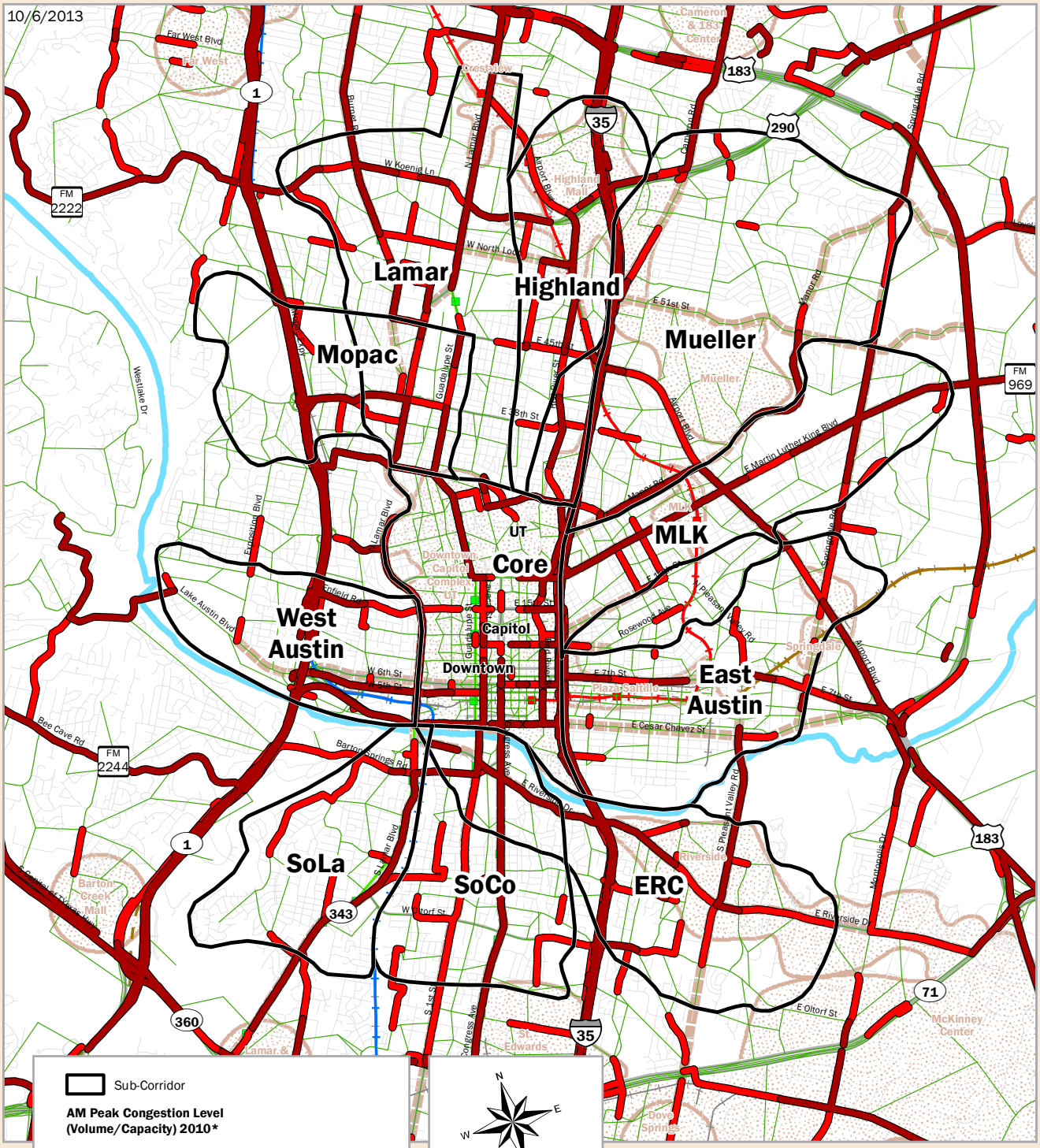
TRAVEL DEMAND MODEL 2010 LINK VOLUME/CAPACITY (V/C) B



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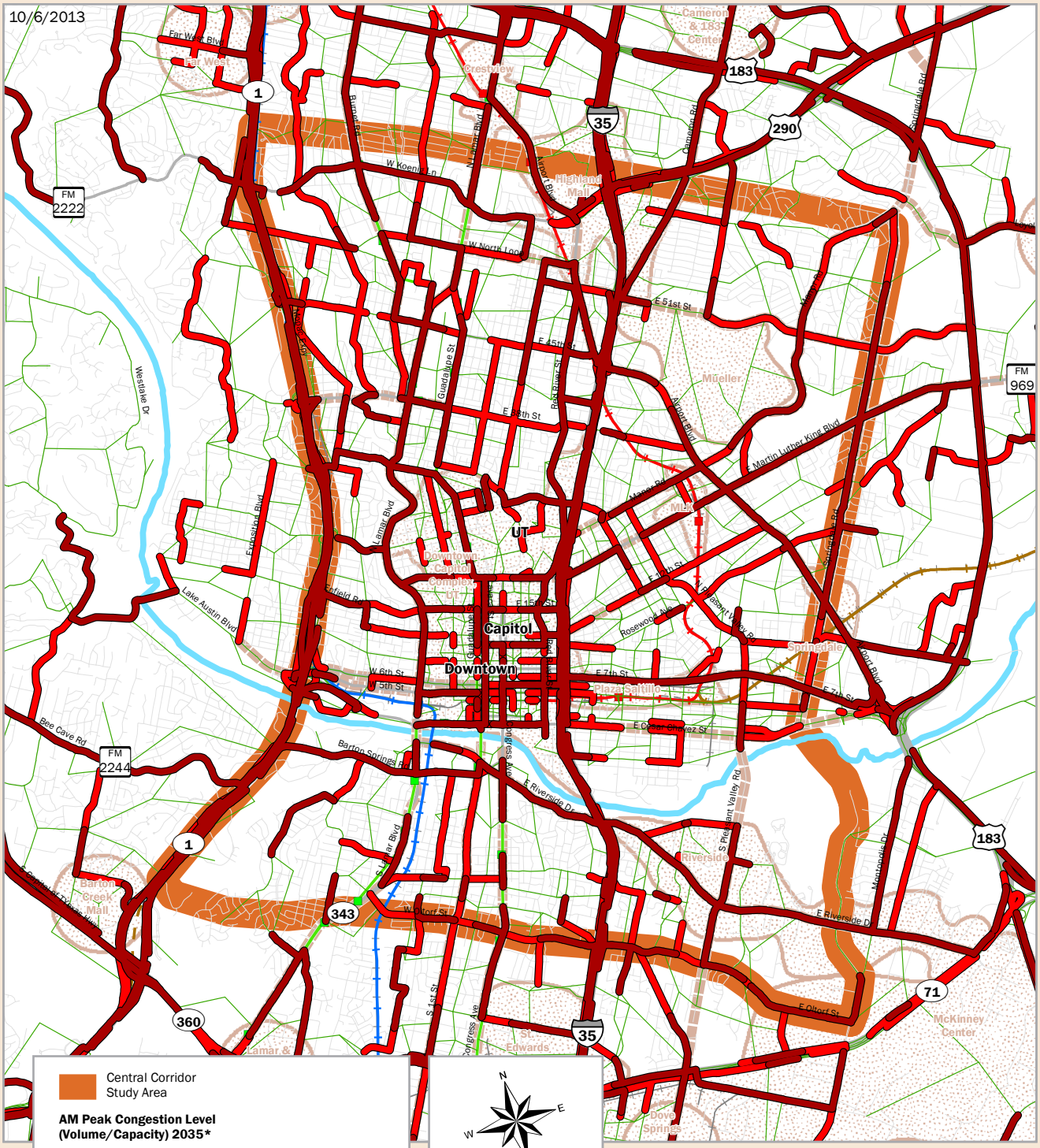
TRAVEL DEMAND MODEL 2035 LINK VOLUME/CAPACITY (V/C) A



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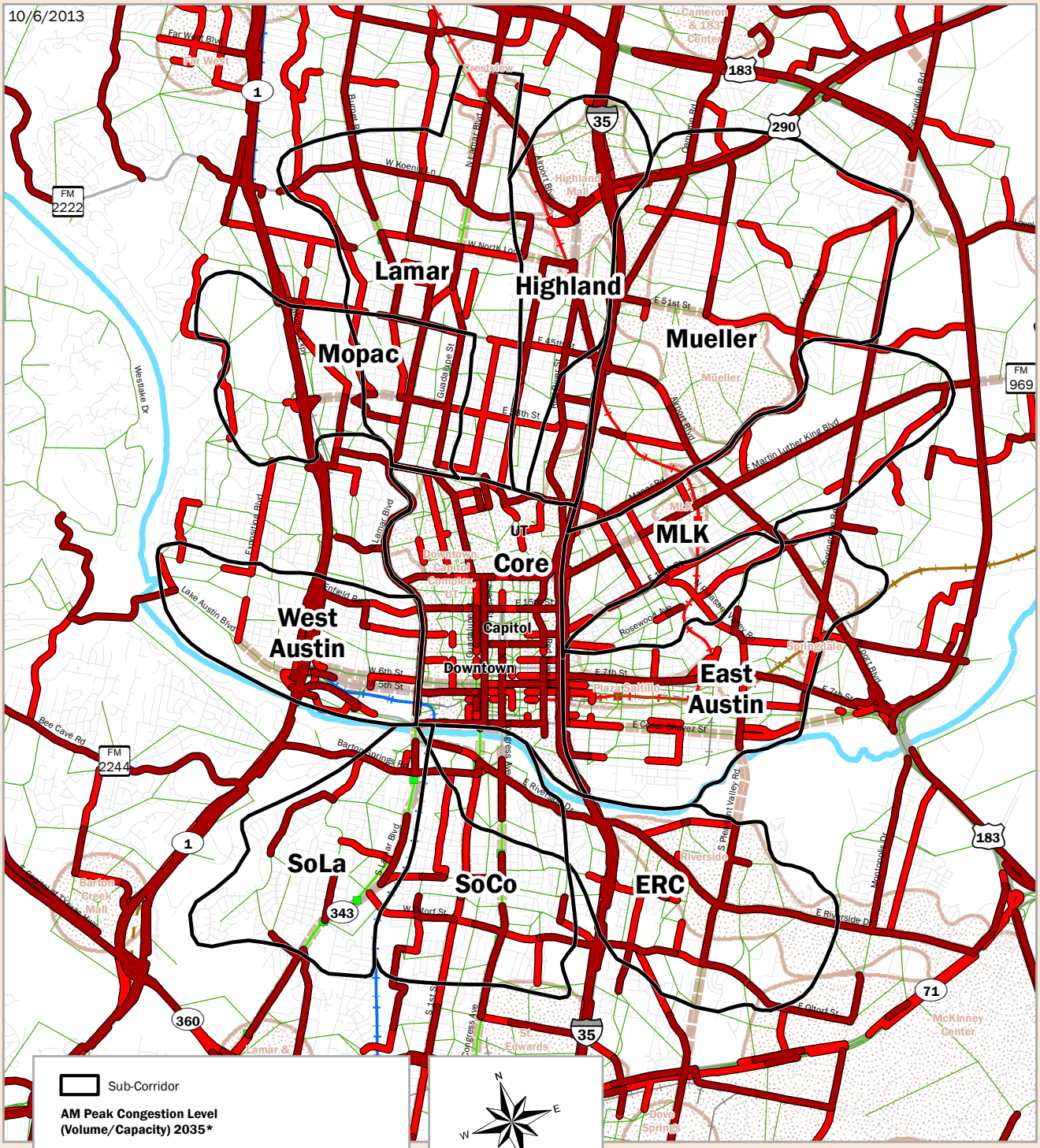
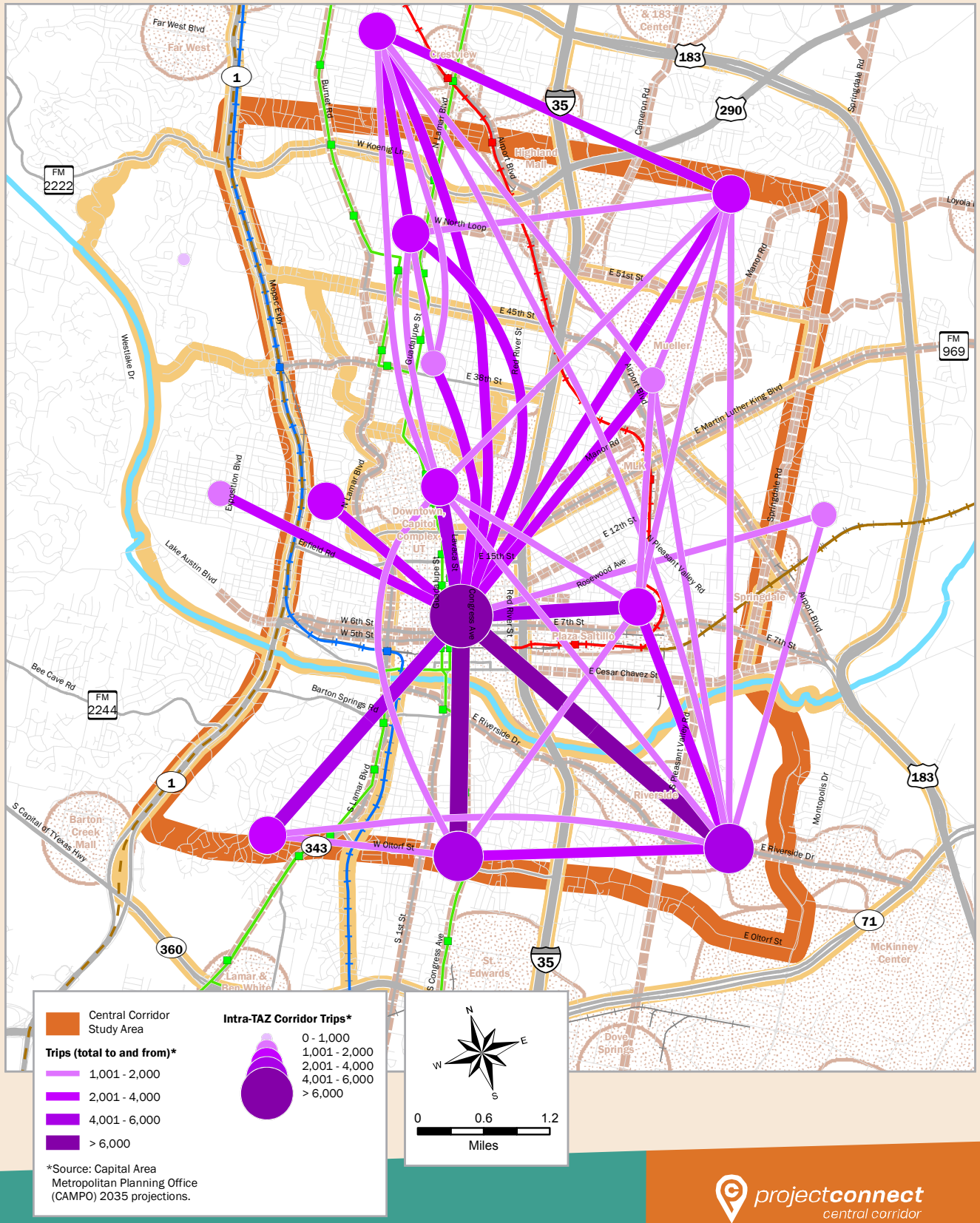
TRAVEL DEMAND MODEL 2035 LINK VOLUME/CAPACITY (V/C) B



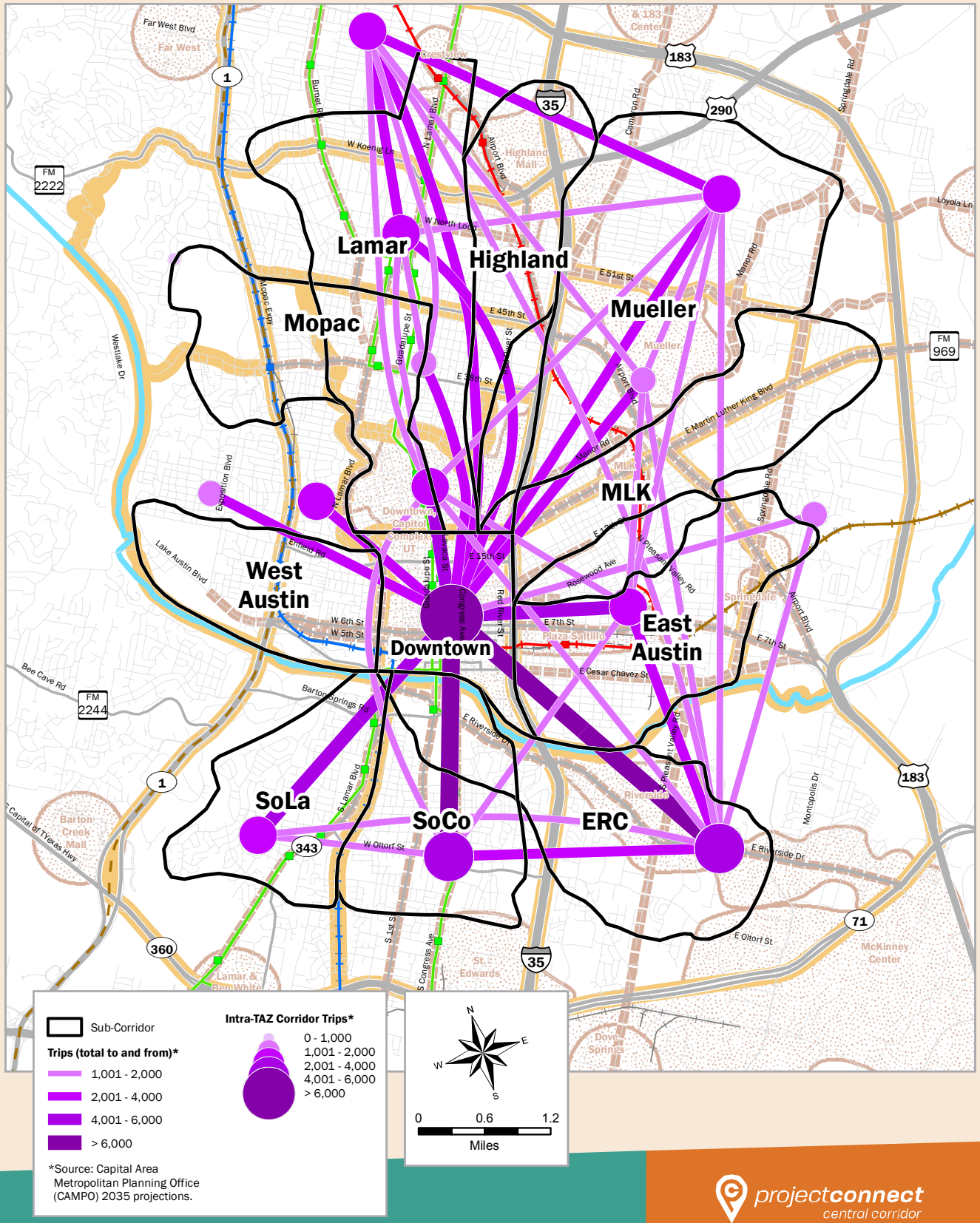
projectconnect
central corridor

TRAVEL DEMAND MODEL 2035 ORIGIN-DESTINATION TRIPS (CENTRAL CORRIDOR) A



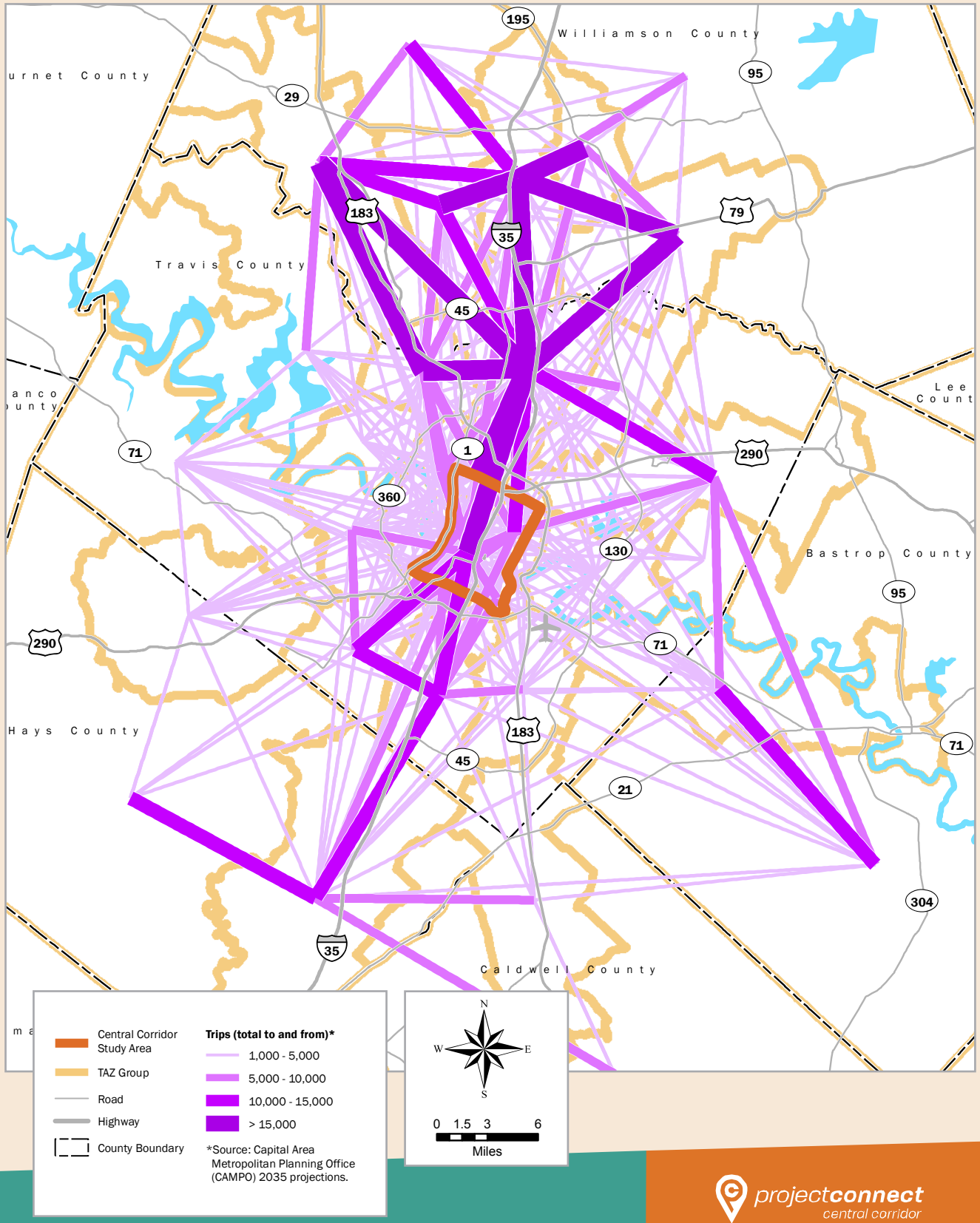
projectconnect
central corridor

TRAVEL DEMAND MODEL 2035 ORIGIN-DESTINATION TRIPS (CENTRAL CORRIDOR) B



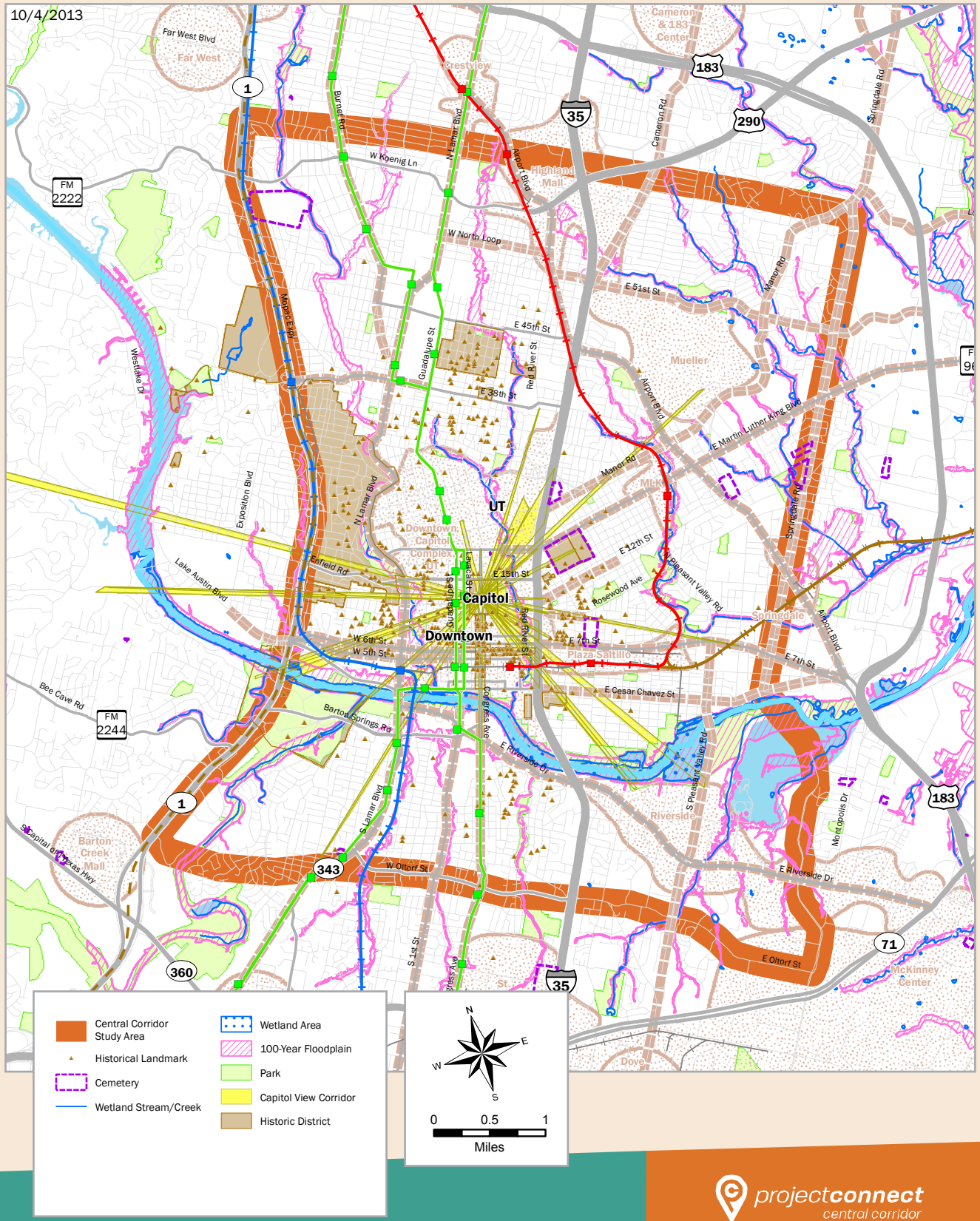
projectconnect central corridor

TRAVEL DEMAND MODEL 2035 ORIGIN-DESTINATION TRIPS (REGIONAL)



projectconnect
central corridor

ENVIRONMENTAL CONSTRAINTS A



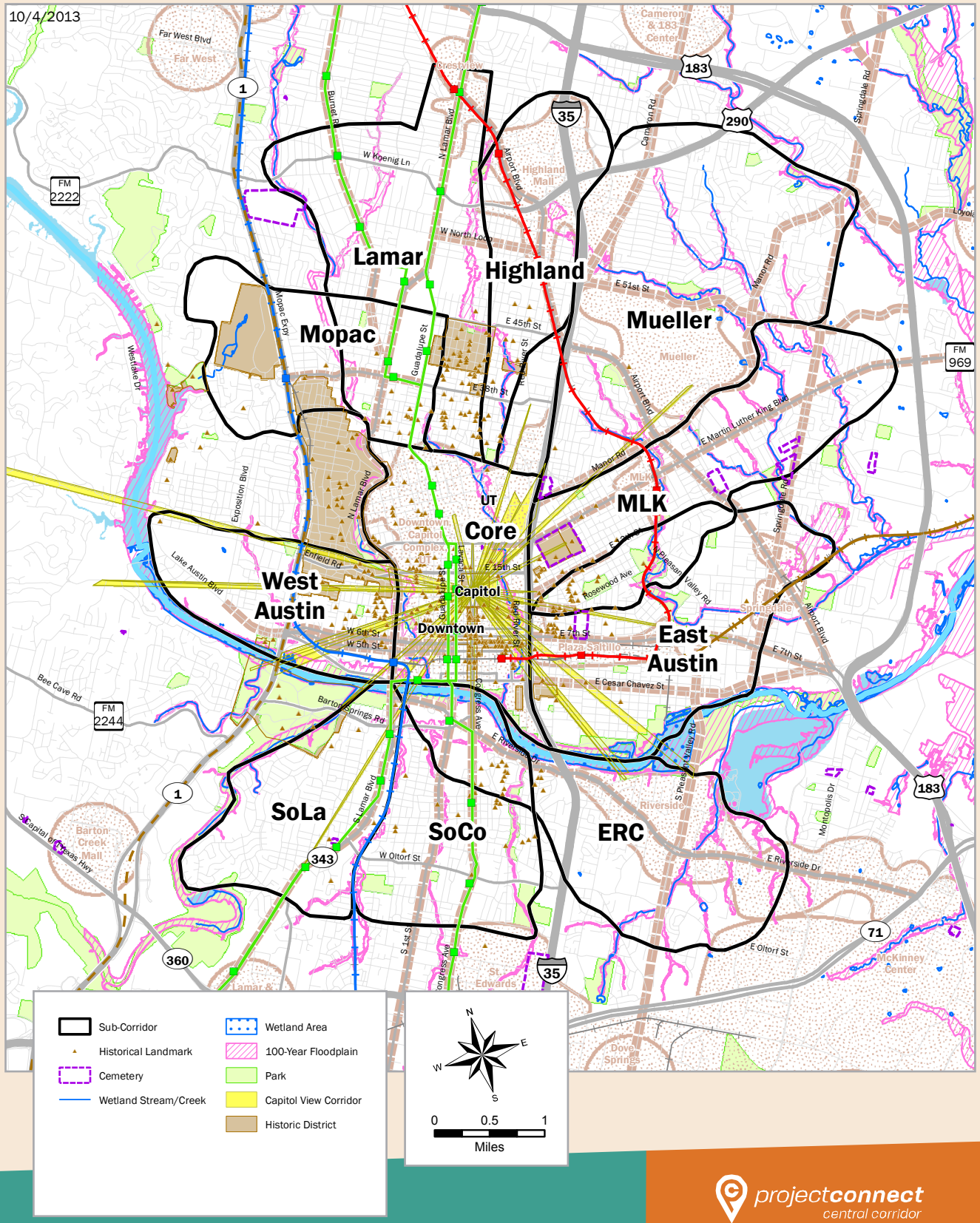
Central Corridor Study Area
Historical Landmark
Cemetery
Wetland Stream/Creek
Wetland Area
100-Year Floodplain
Park
Capitol View Corridor
Historic District

N
E
S
W

0 0.5 1
Miles

projectconnect
central corridor

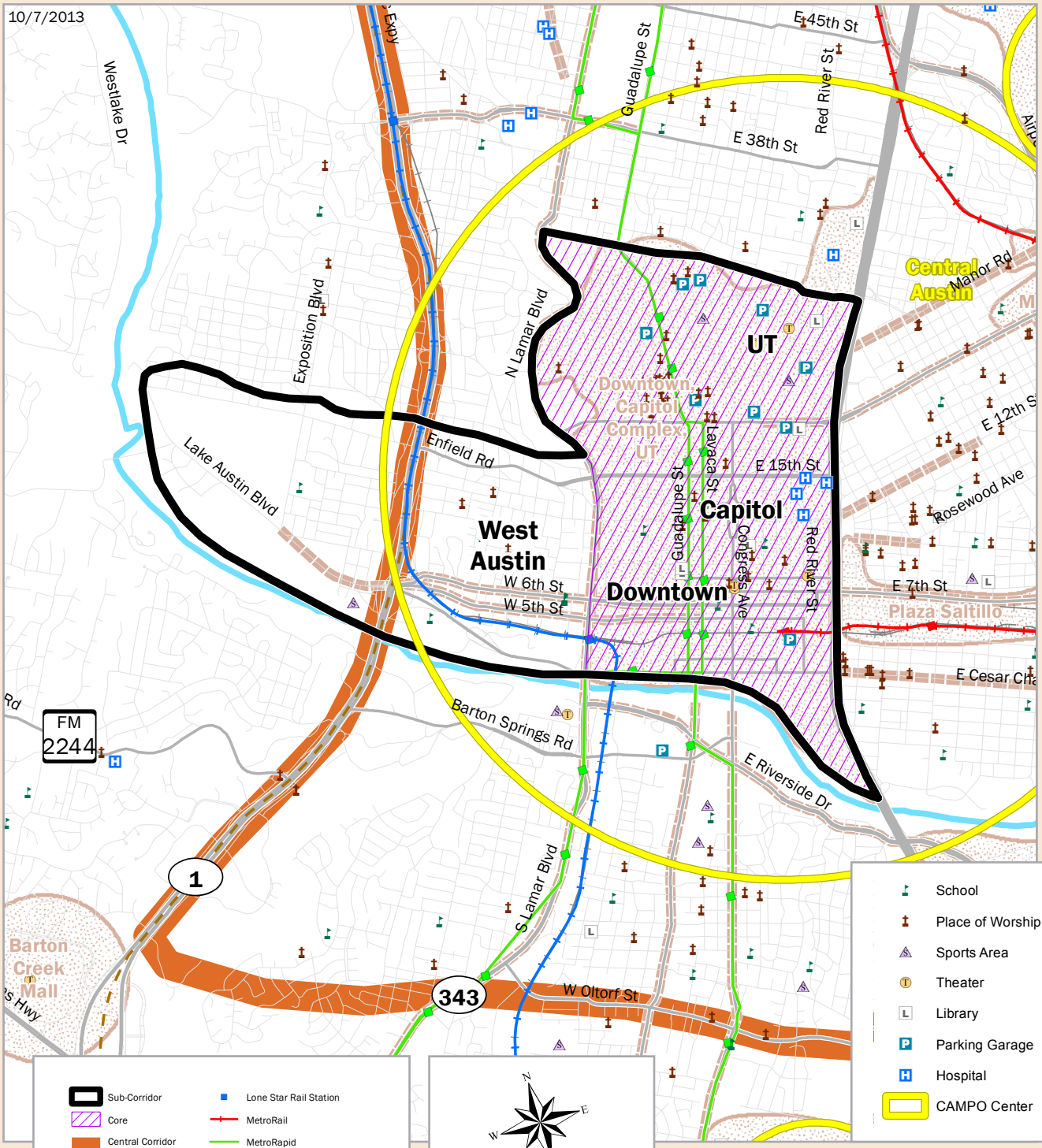
ENVIRONMENTAL CONSTRAINTS B



projectconnect
central corridor

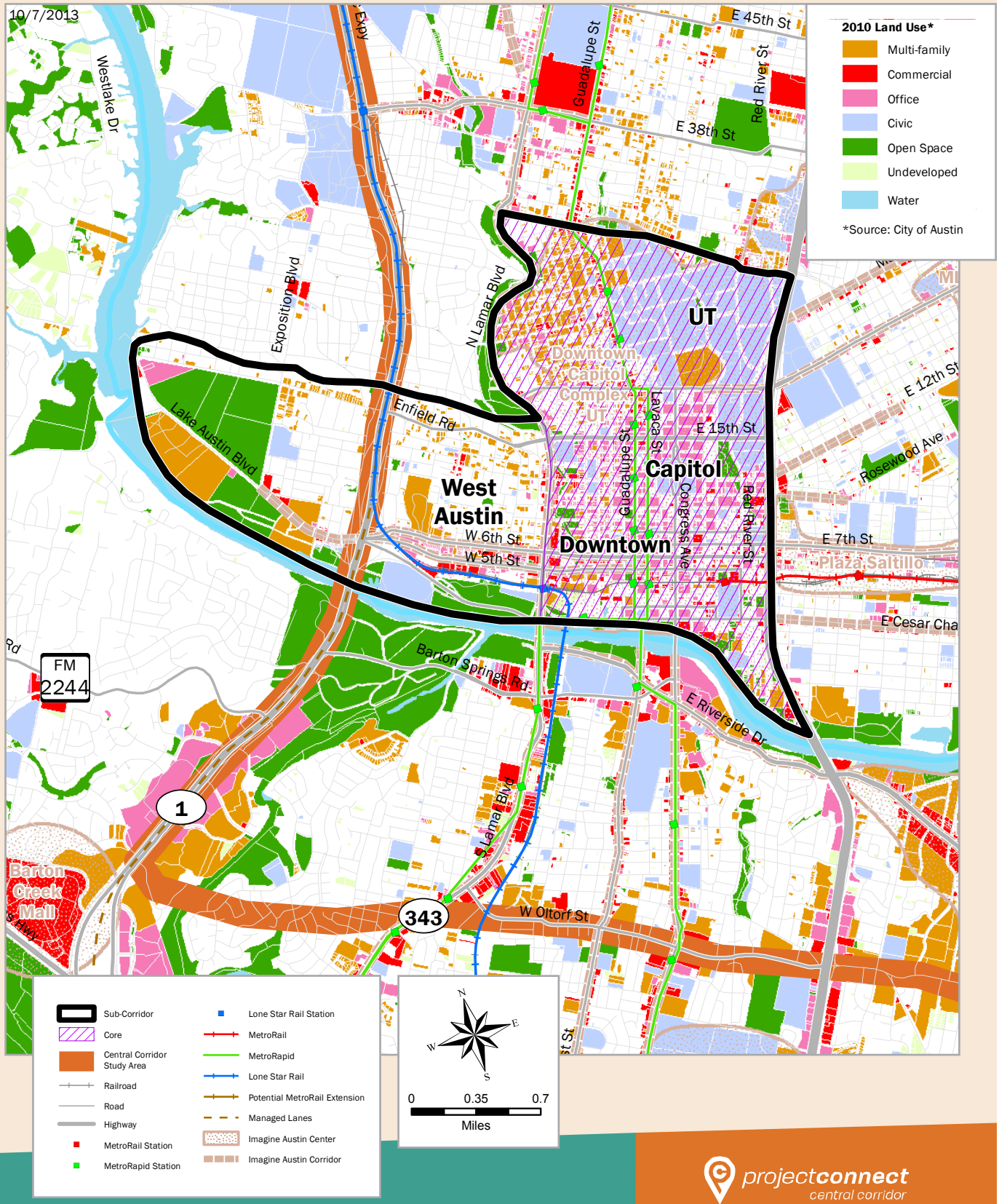
Sub-Corridor Definition Packages

SUB-CORRIDOR DEFINITION PACKAGE WEST



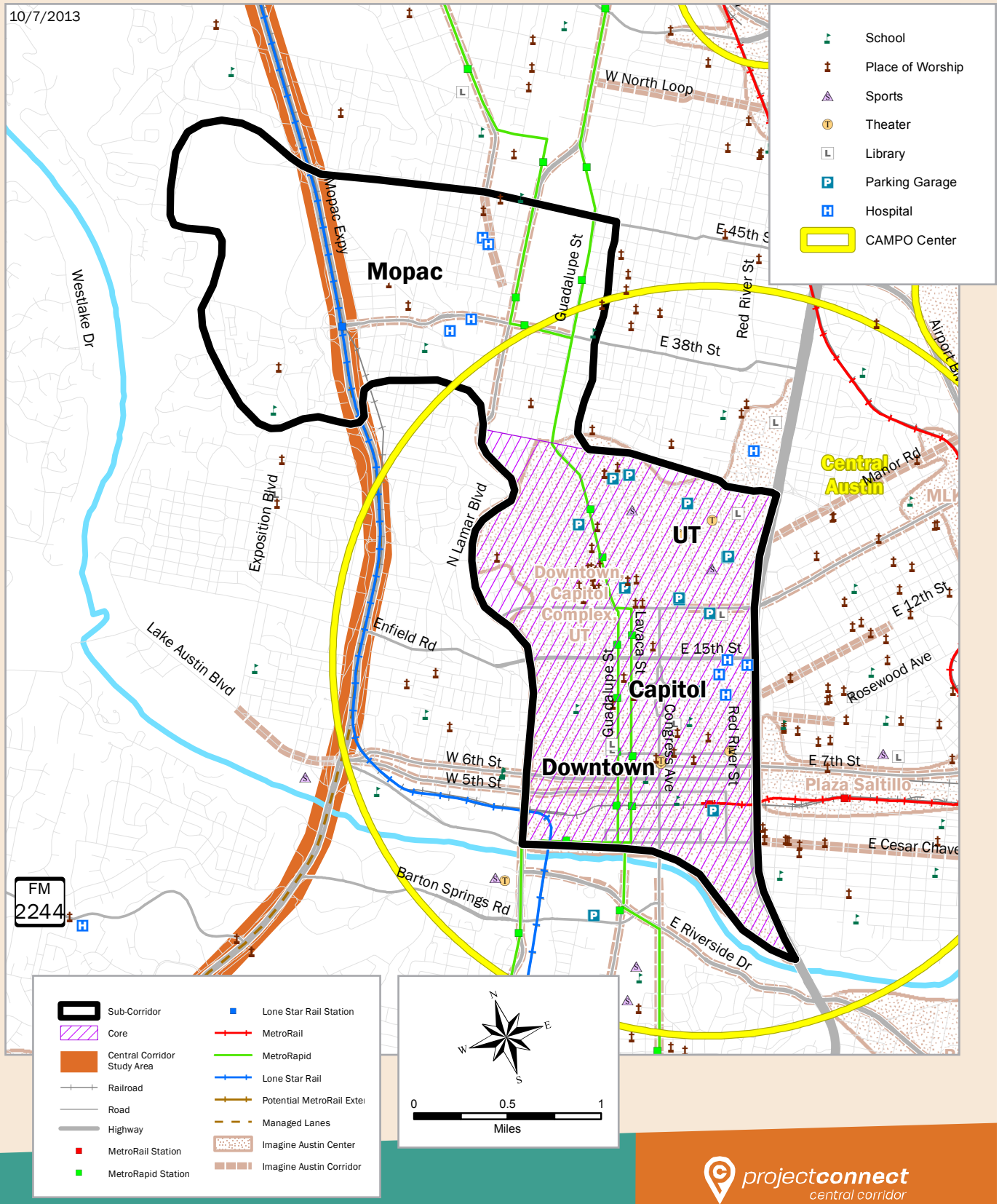
projectconnect
central corridor

SUB-CORRIDOR DEFINITION PACKAGE WEST



projectconnect
central corridor

SUB-CORRIDOR DEFINITION PACKAGE MOPAC



projectconnect
central corridor

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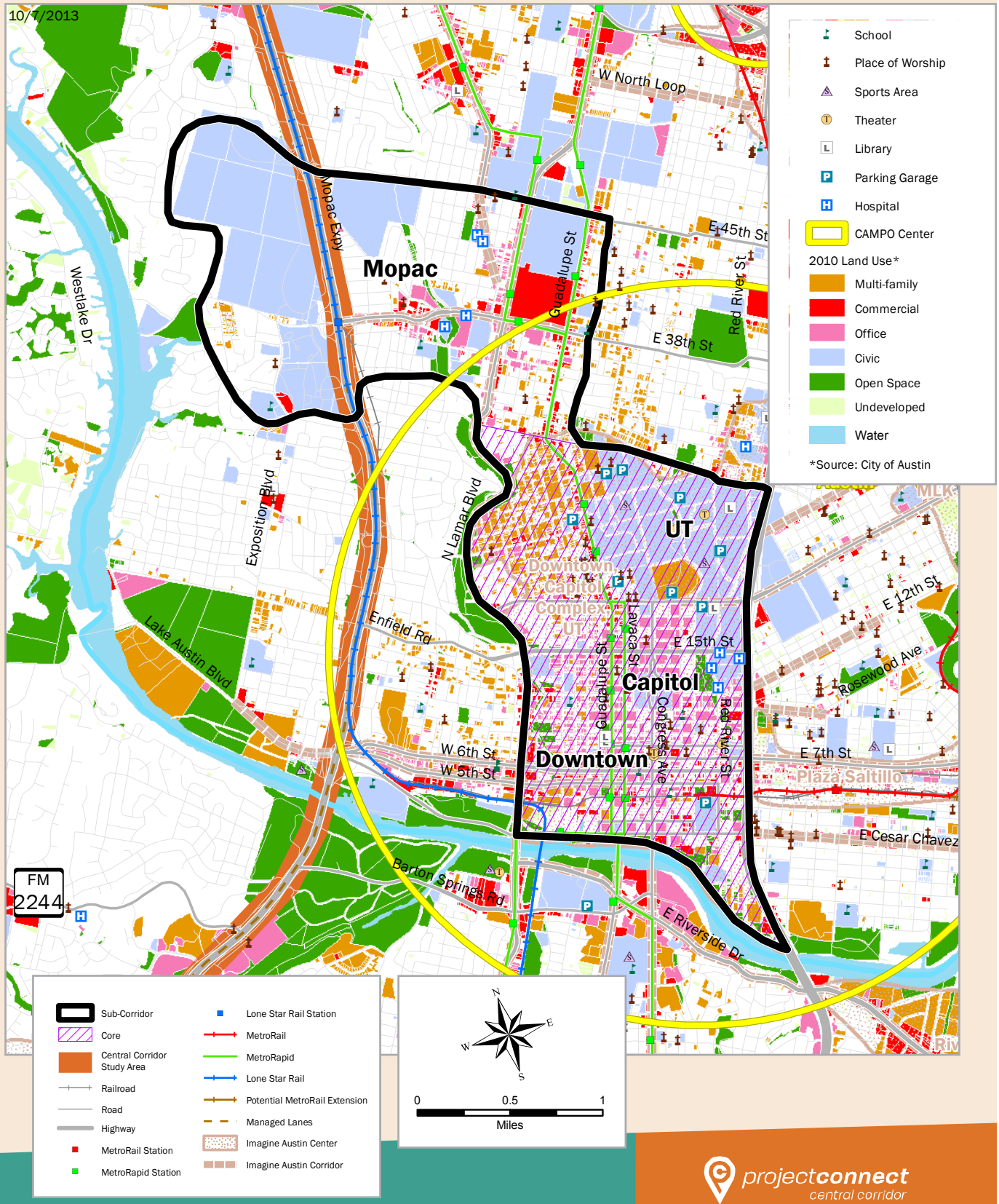

projectconnect
central corridor

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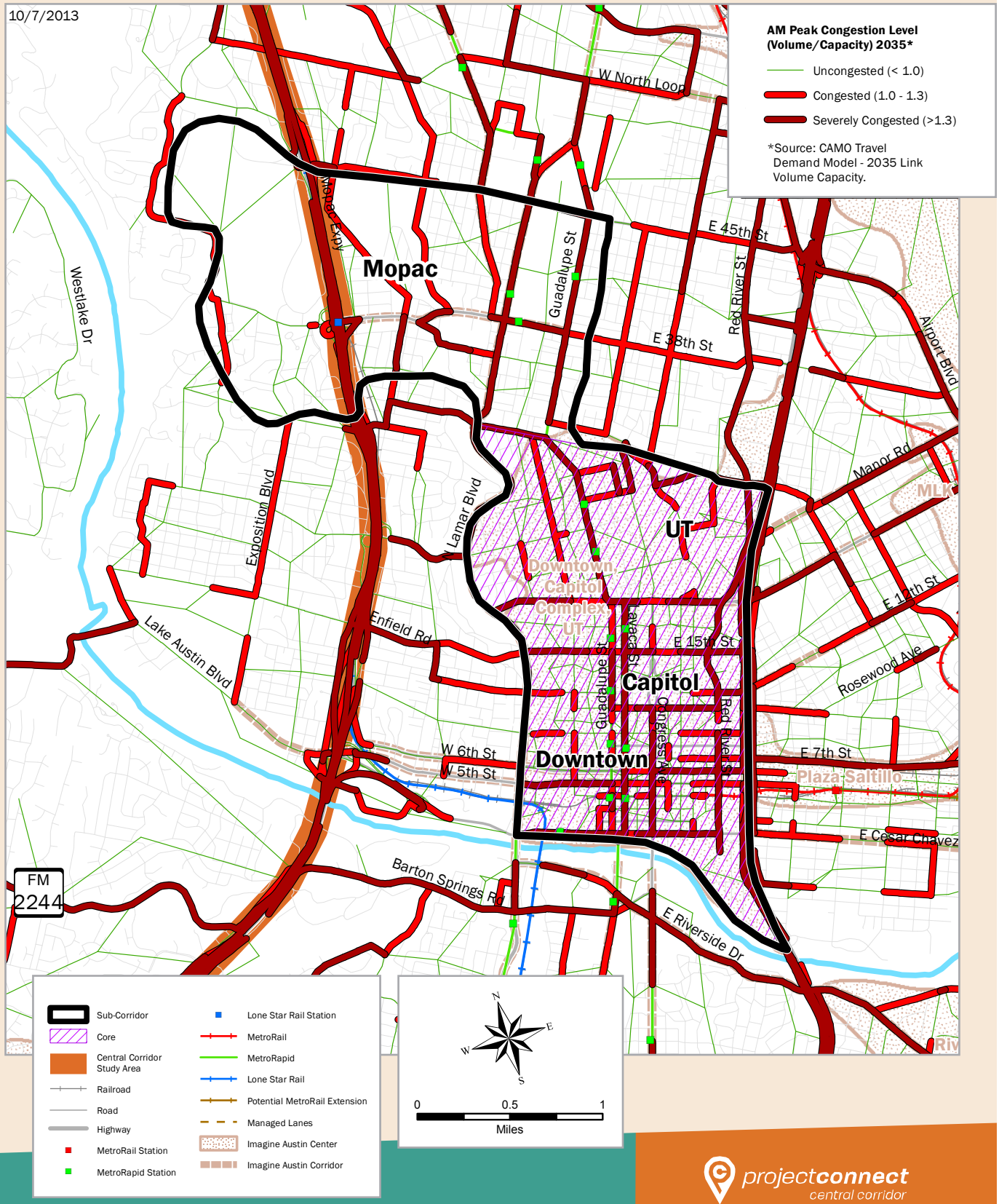

projectconnect
central corridor

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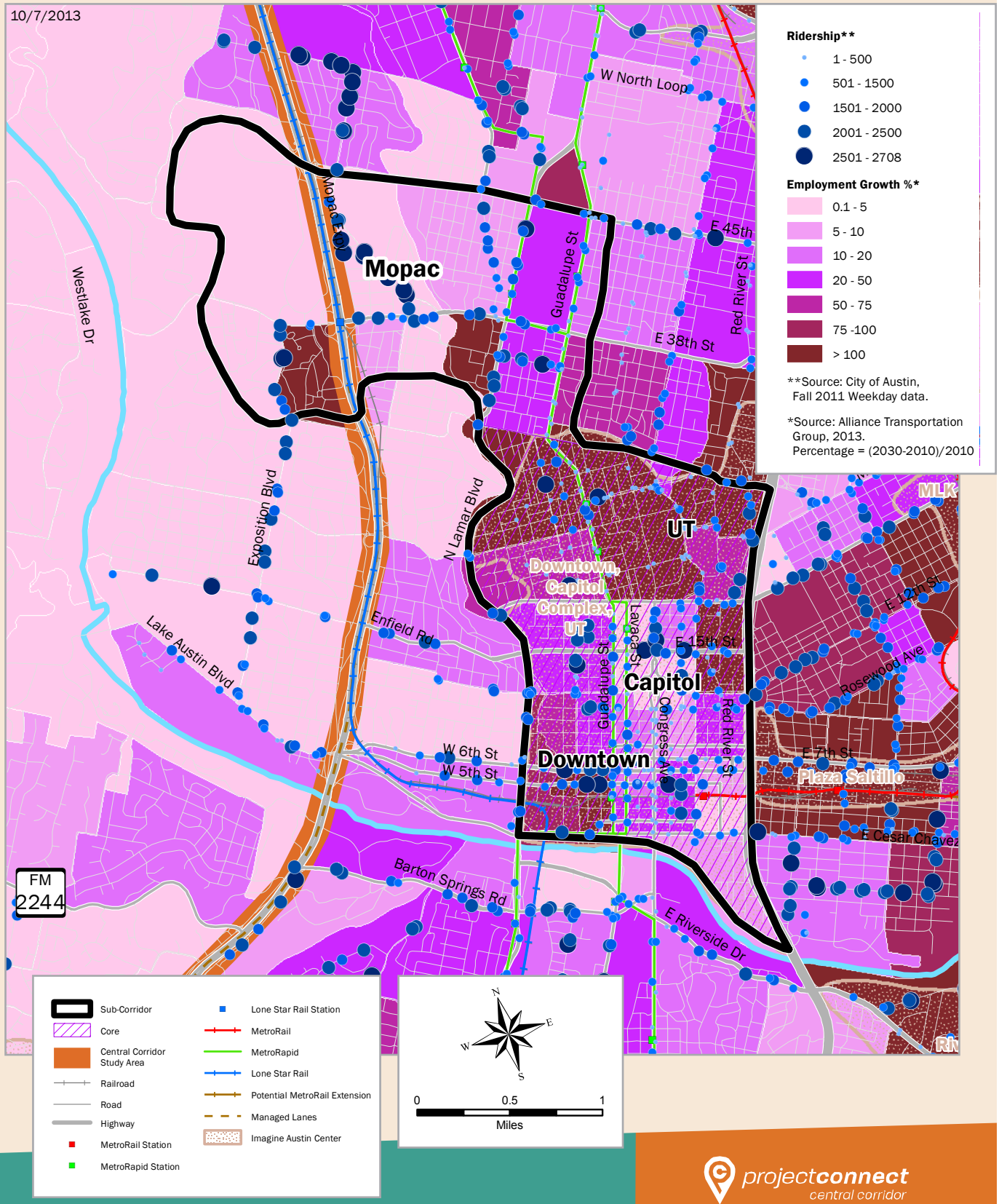

projectconnect
central corridor

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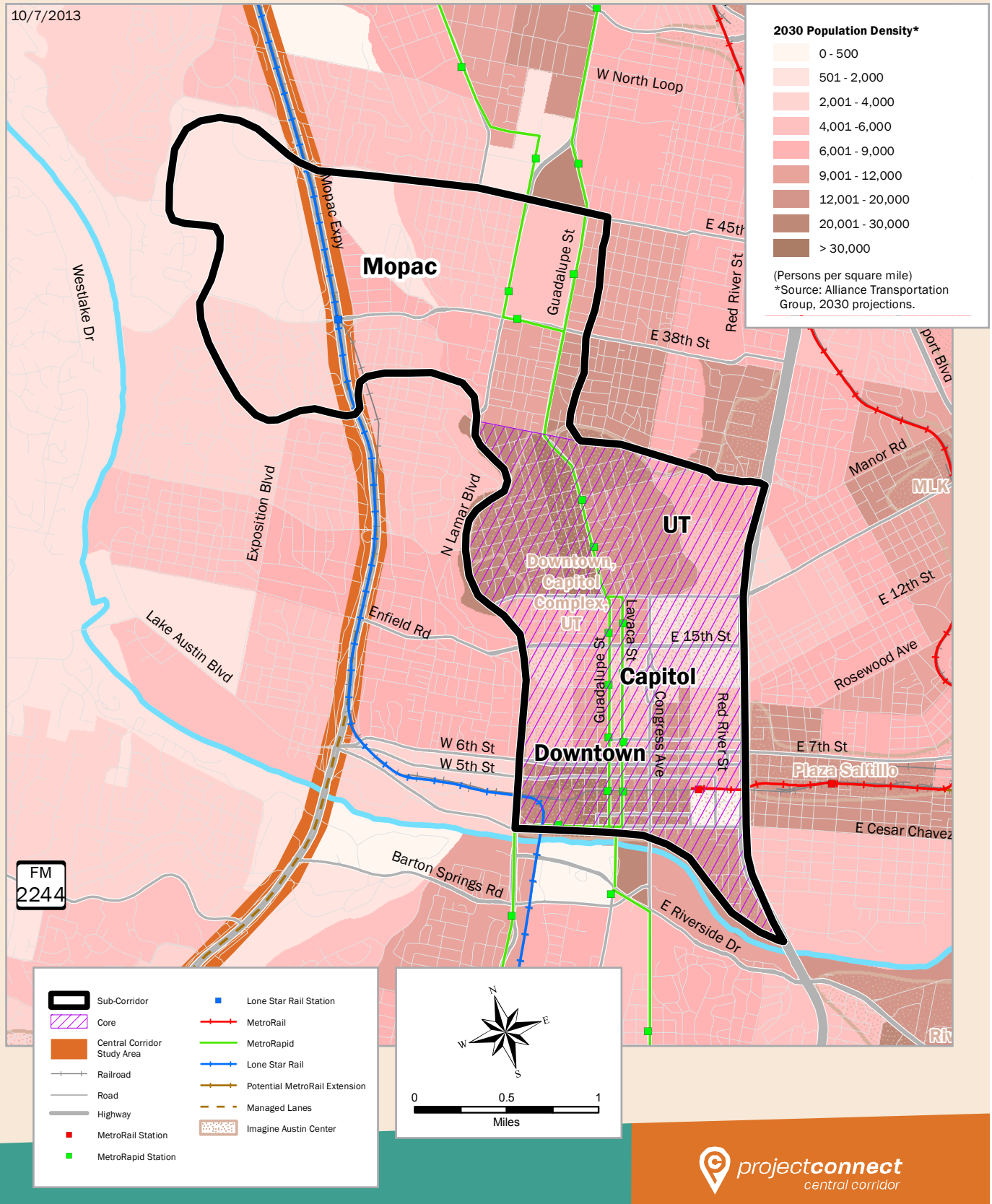
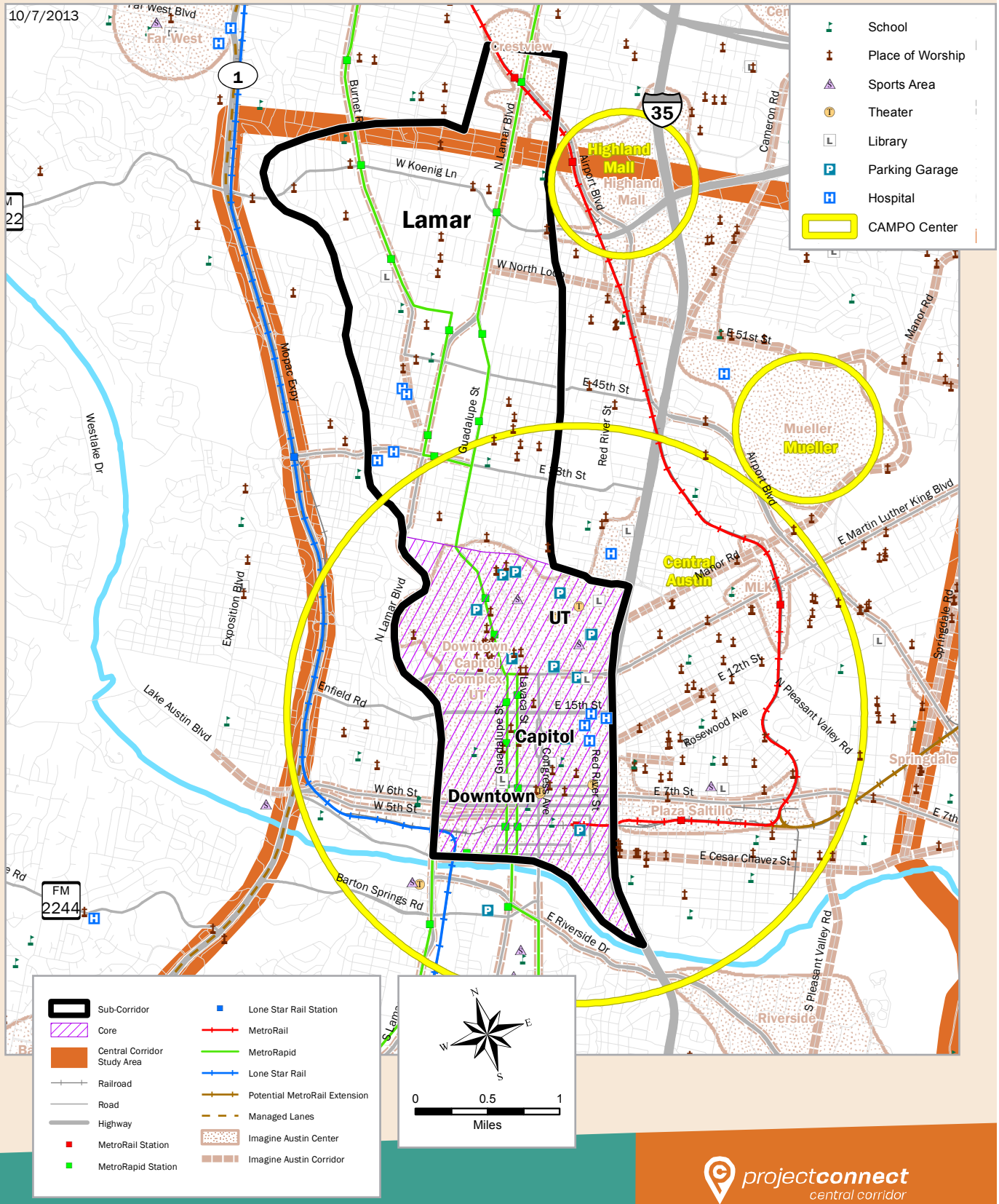


projectconnect
central corridor

SUB-CORRIDOR DEFINITION PACKAGE LAMAR



projectconnect
central corridor

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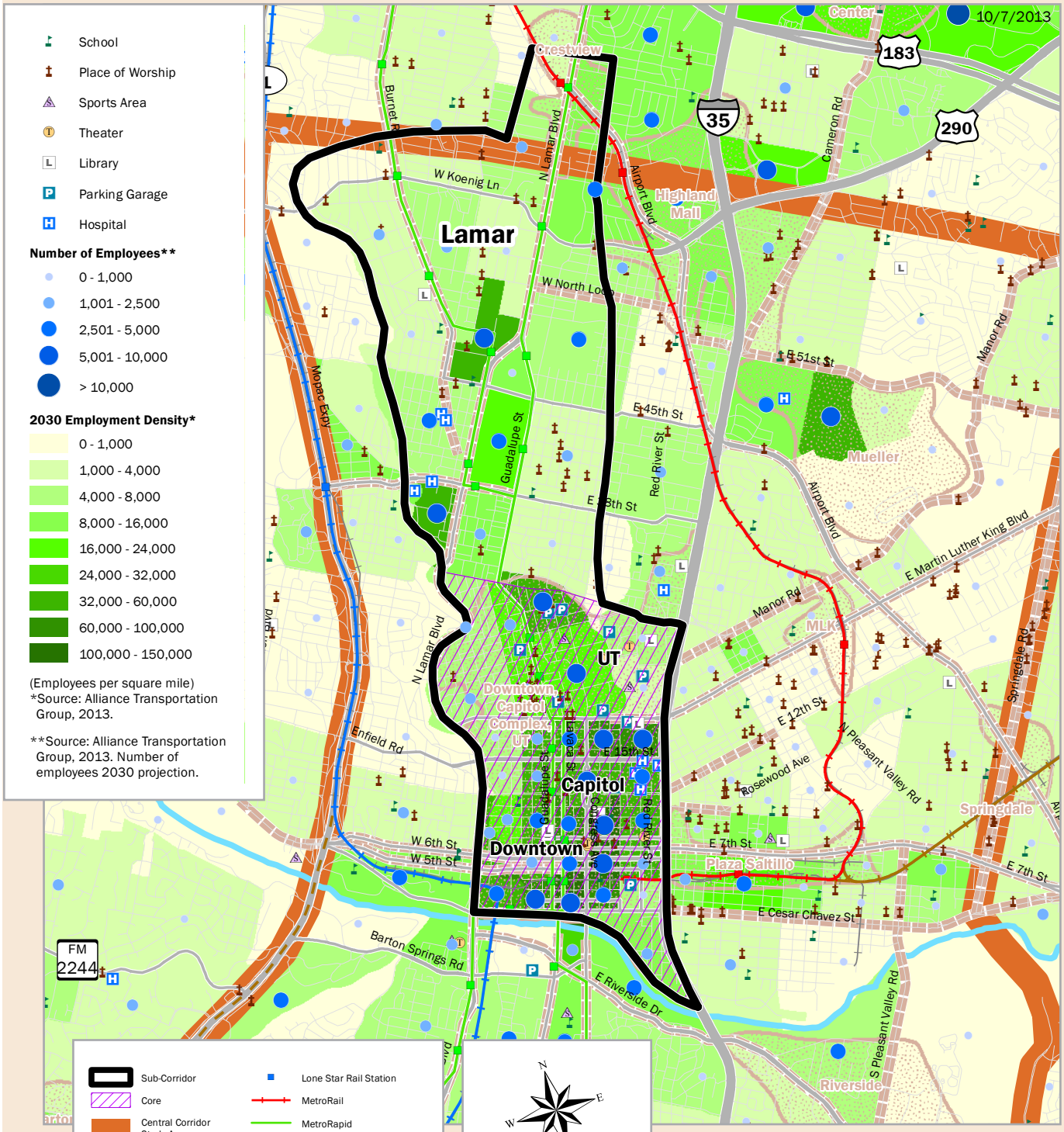

projectconnect
central corridor

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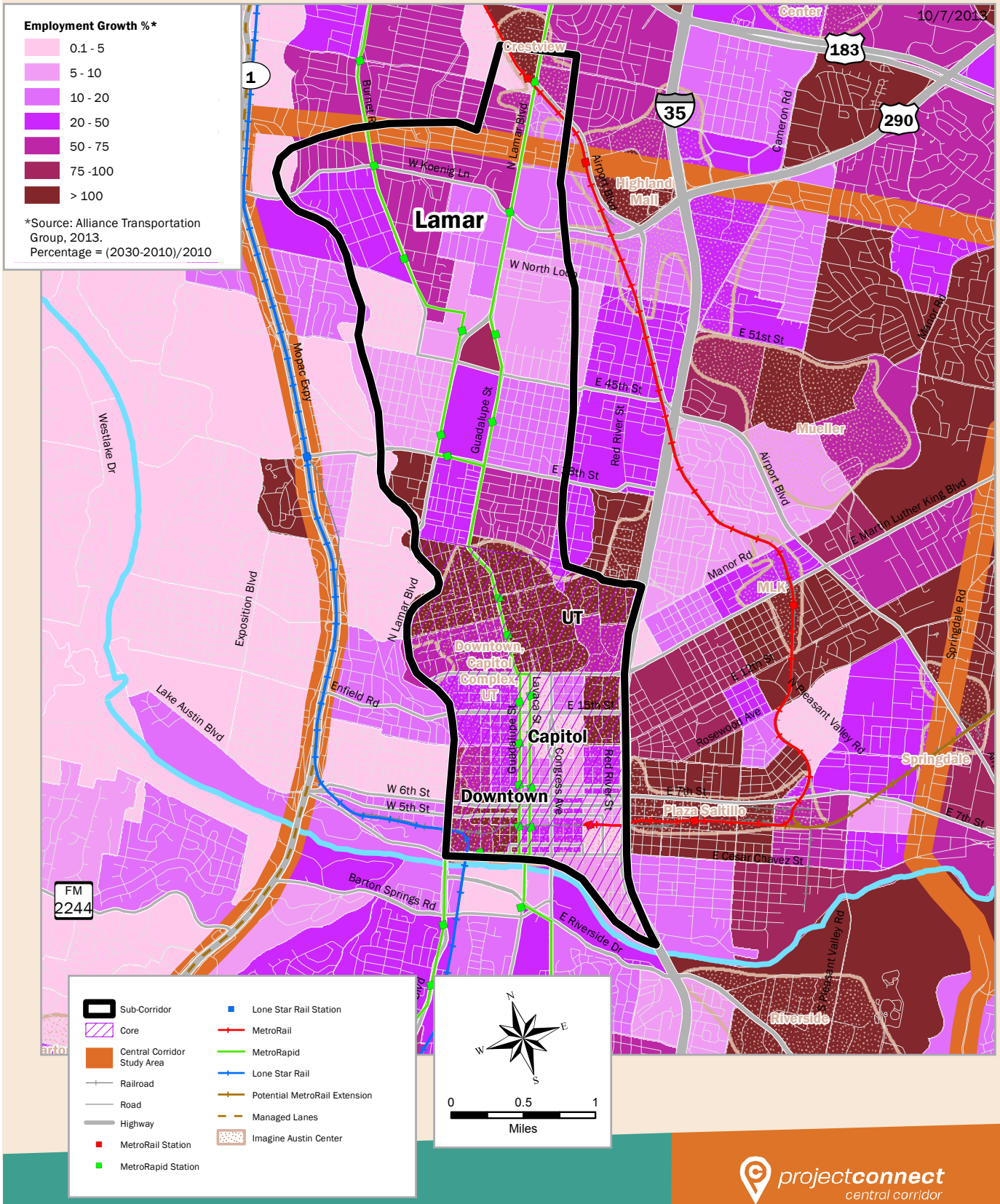

projectconnect
central corridor

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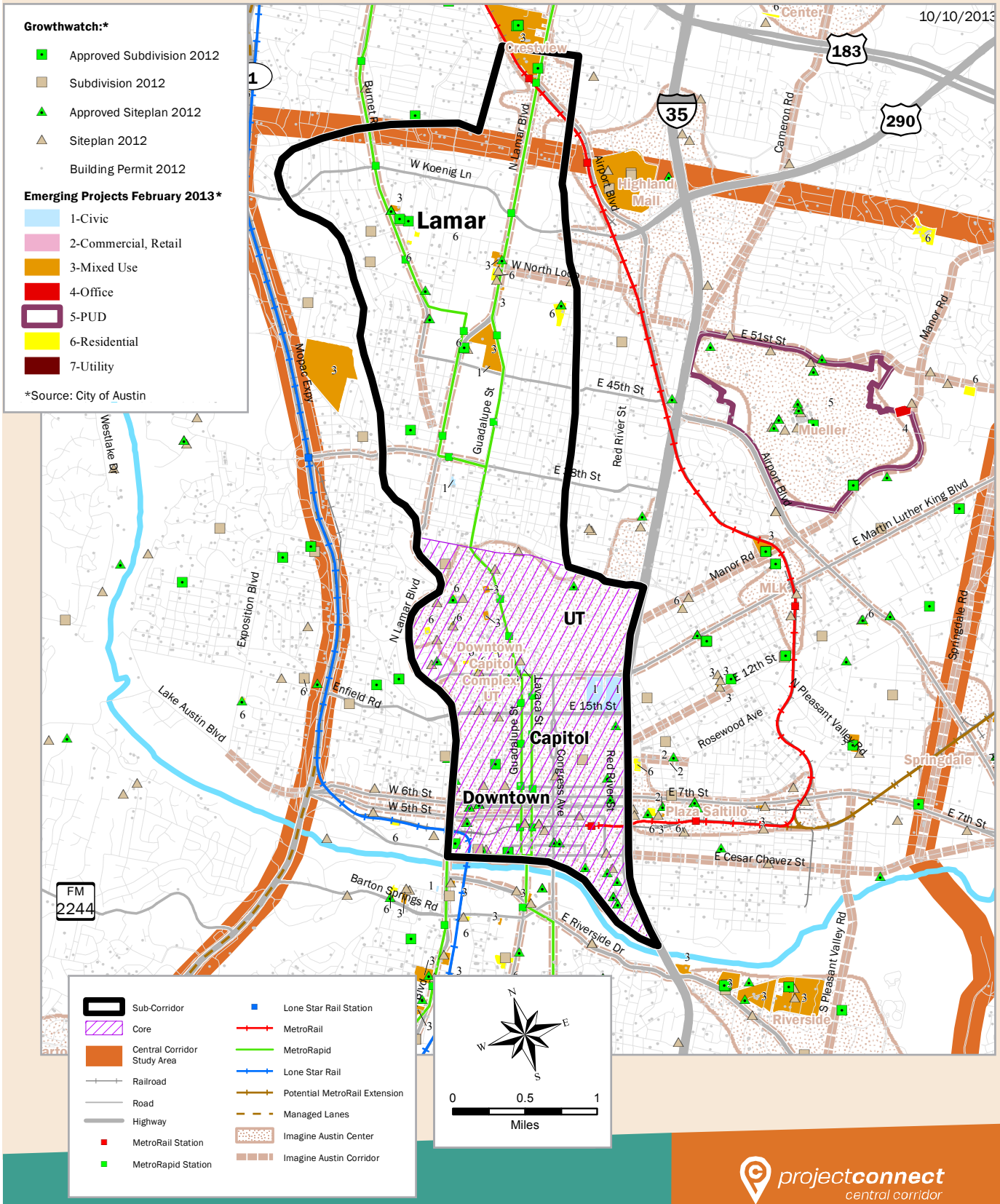

projectconnect
central corridor

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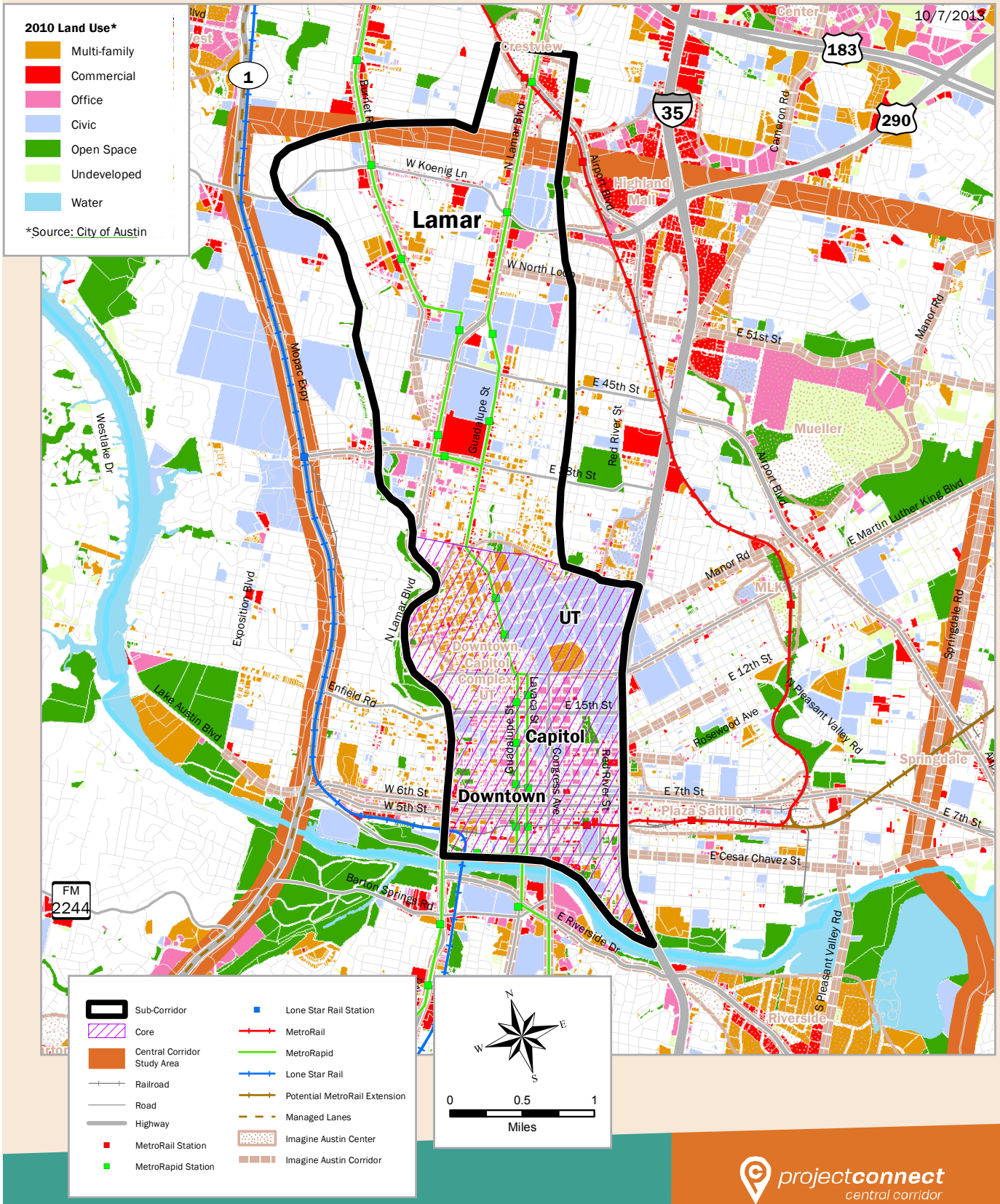
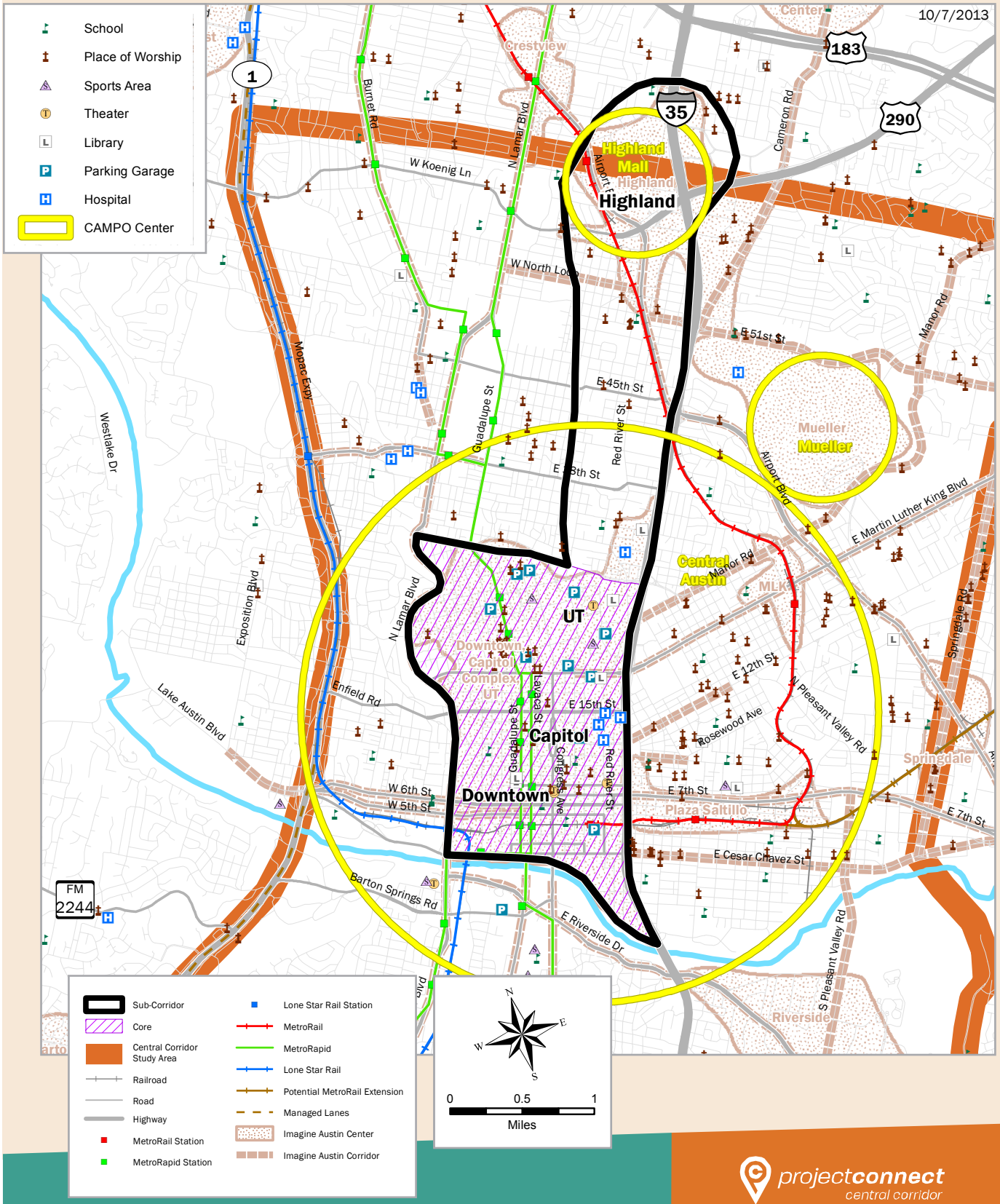


projectconnect
central corridor

SUB-CORRIDOR DEFINITION PACKAGE HIGHLAND



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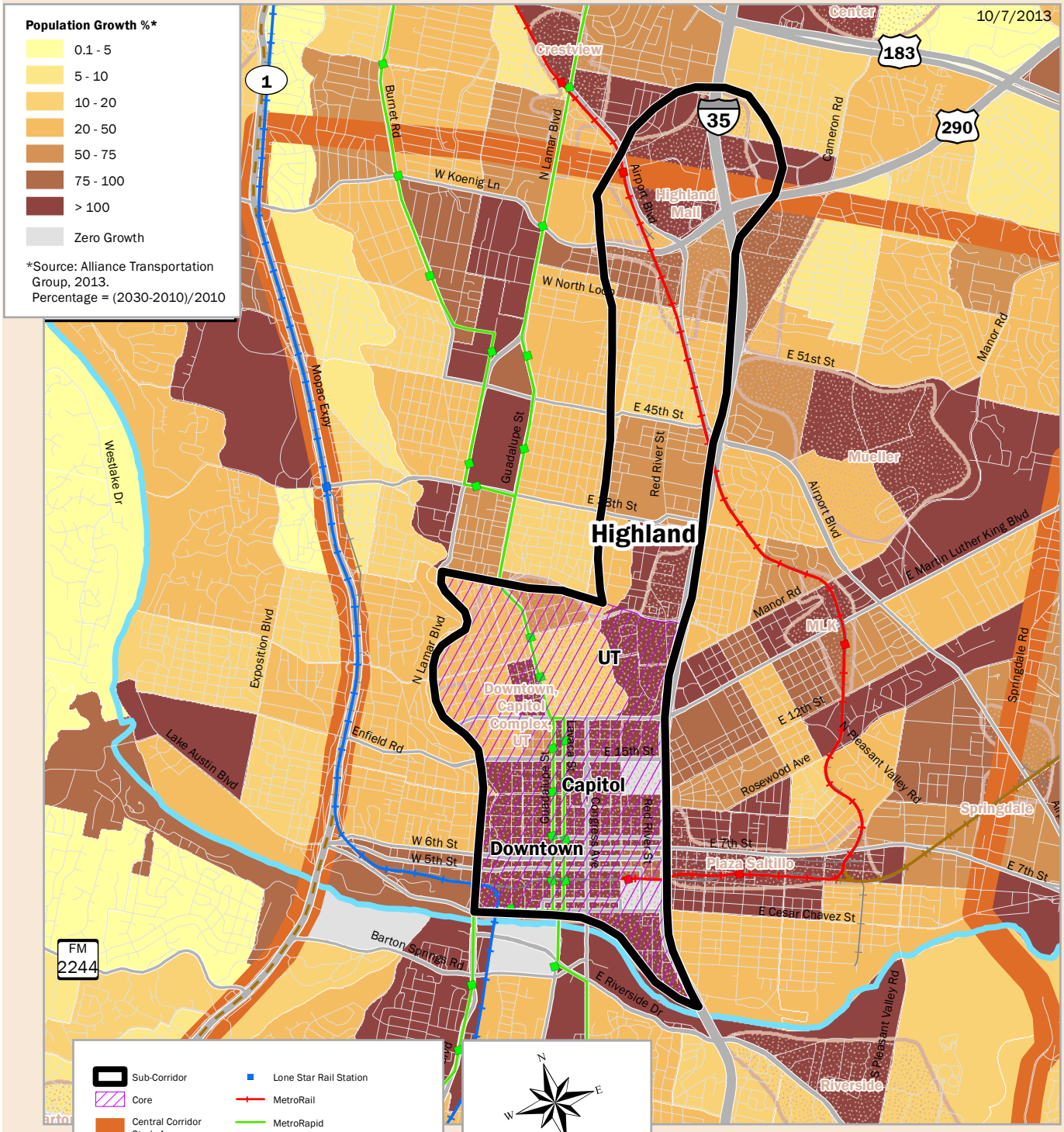

projectconnect
central corridor

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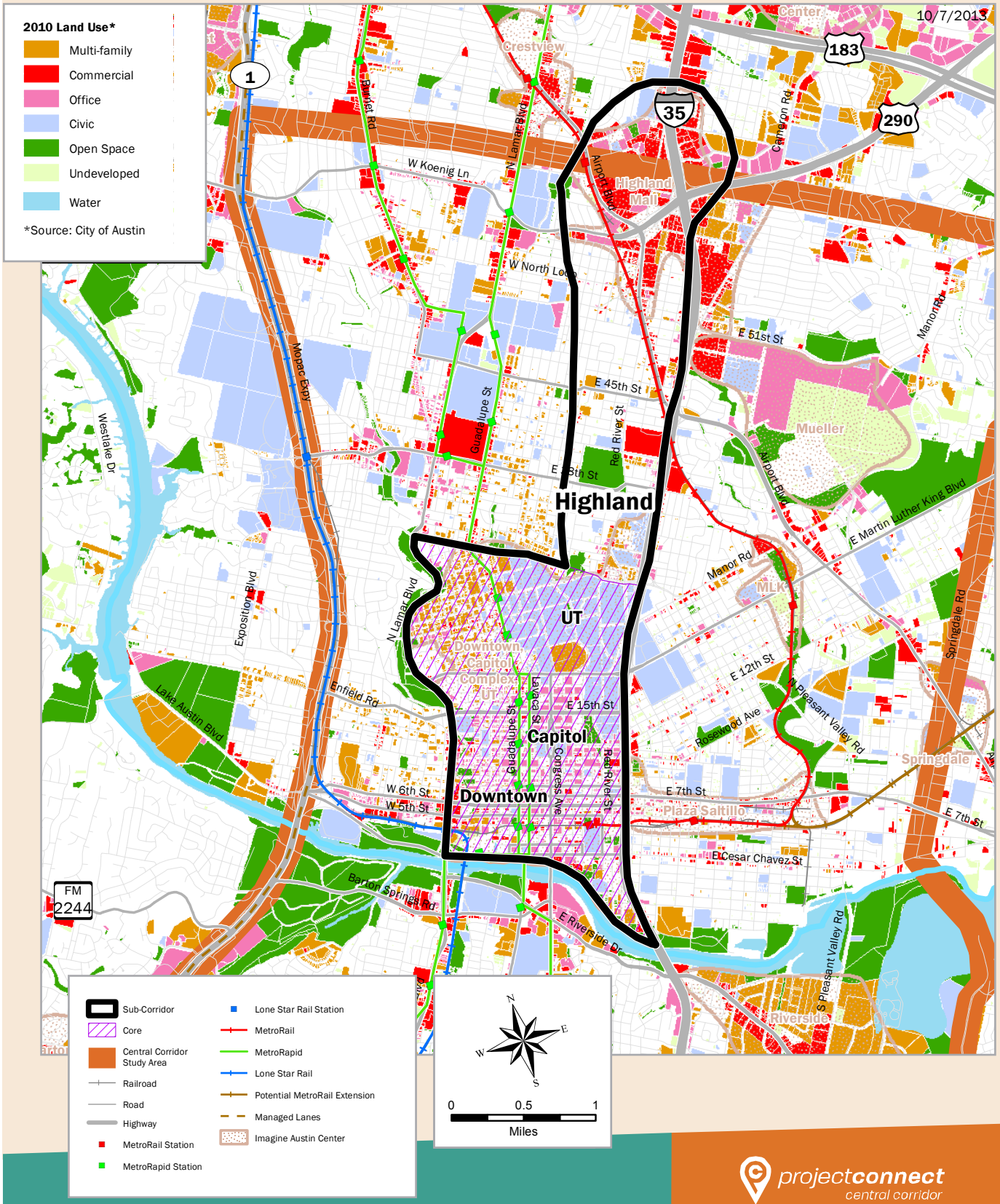

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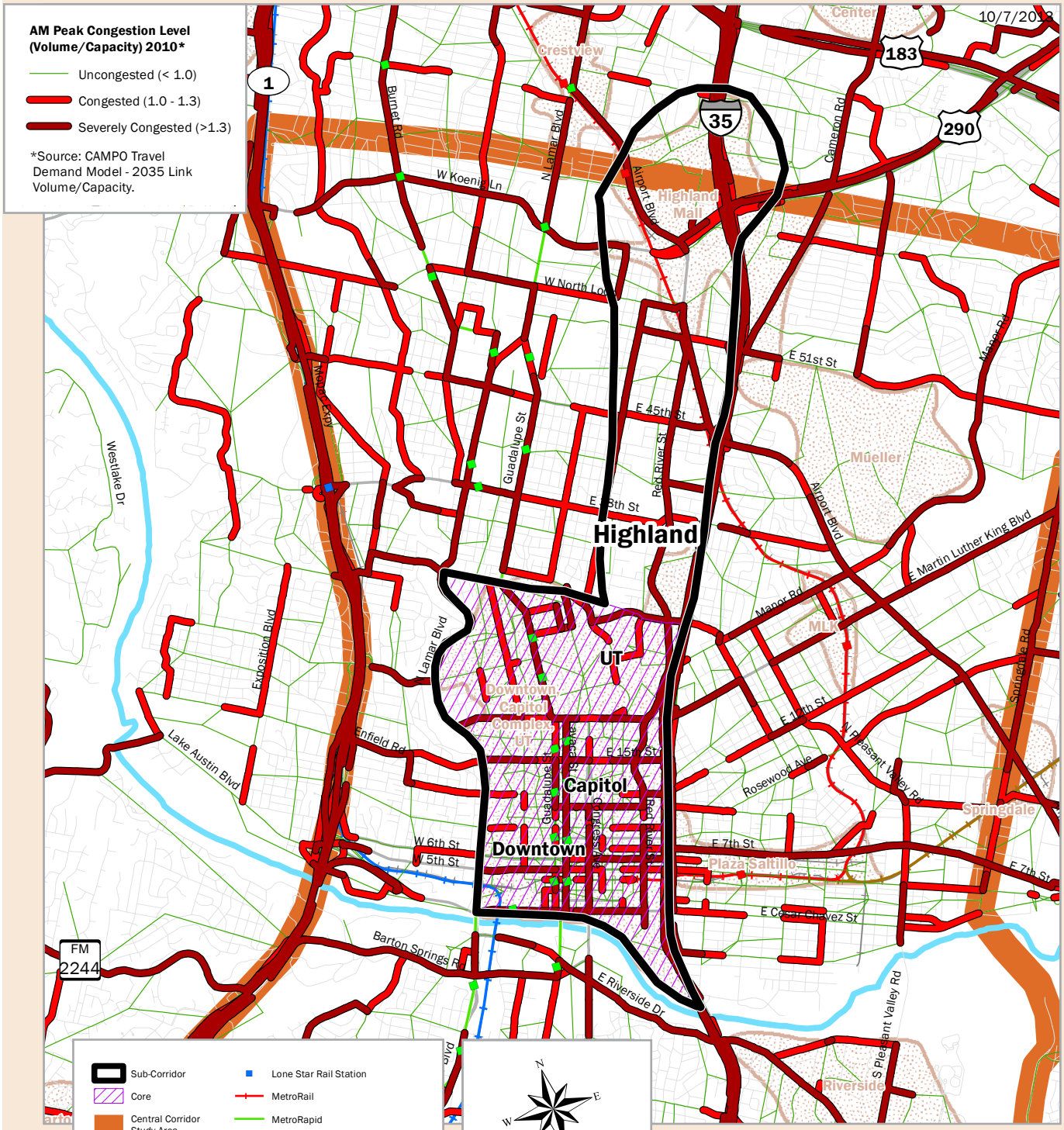
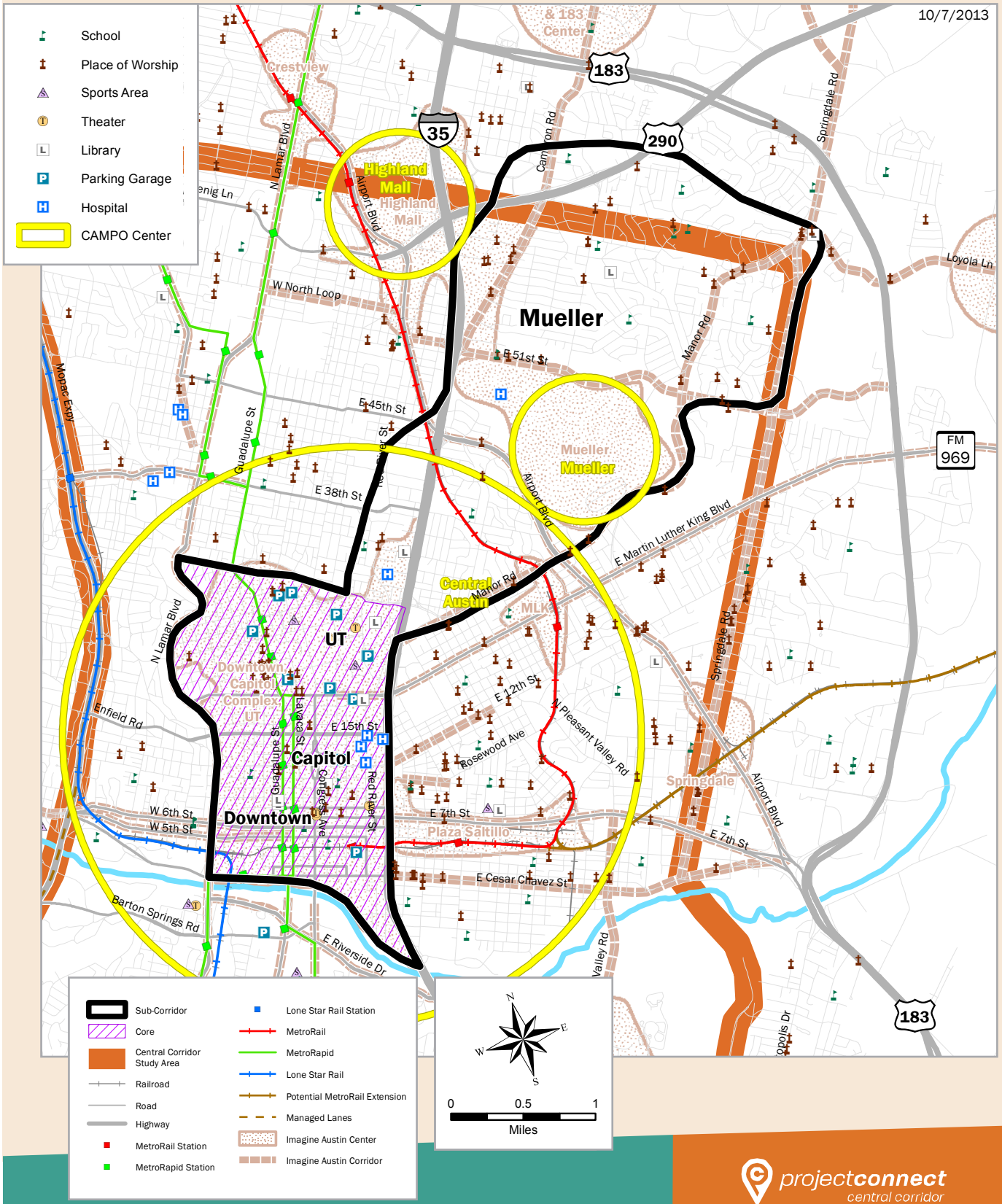


projectconnect
central corridor

SUB-CORRIDOR DEFINITION PACKAGE MUELLER



projectconnect
central corridor

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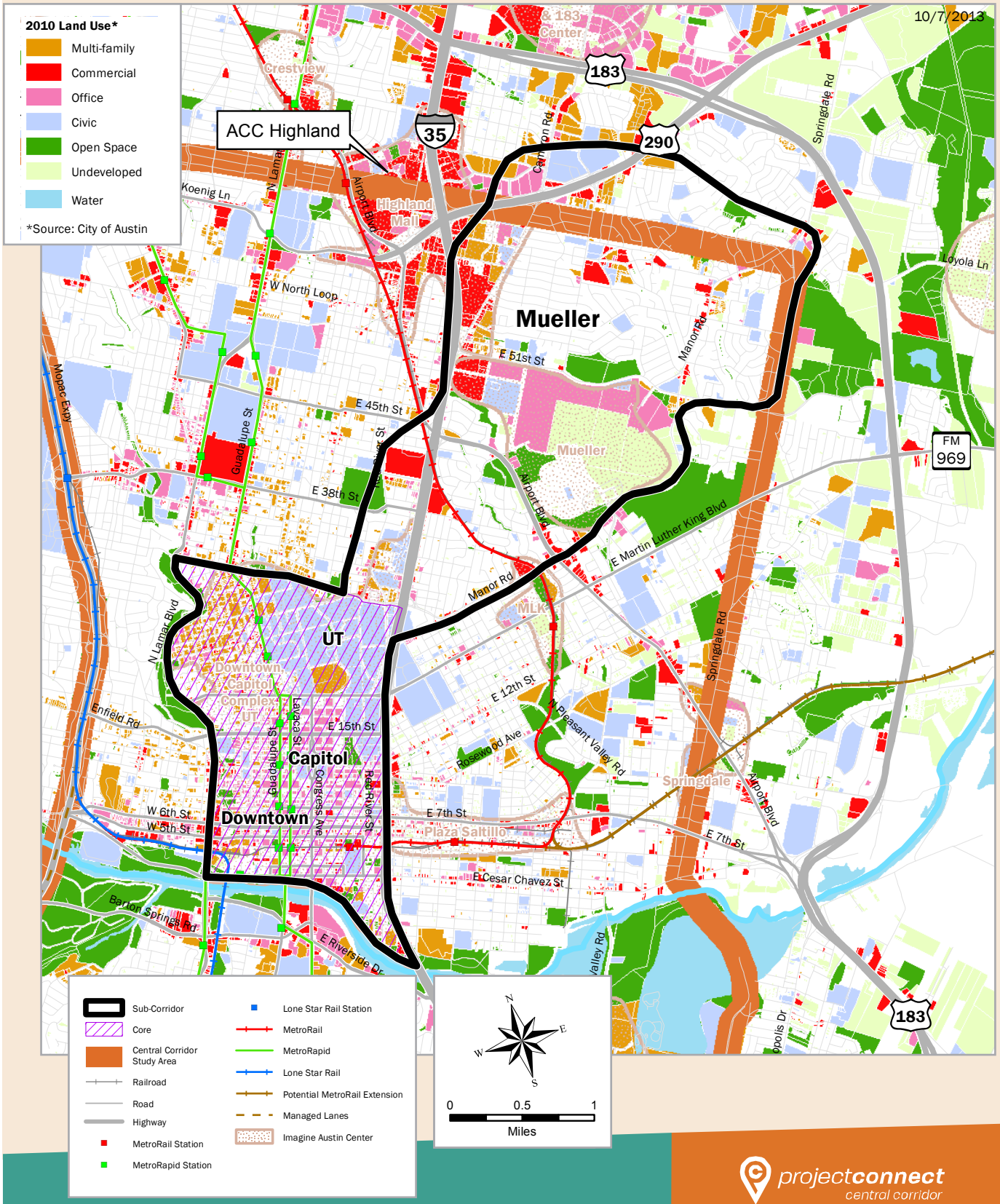

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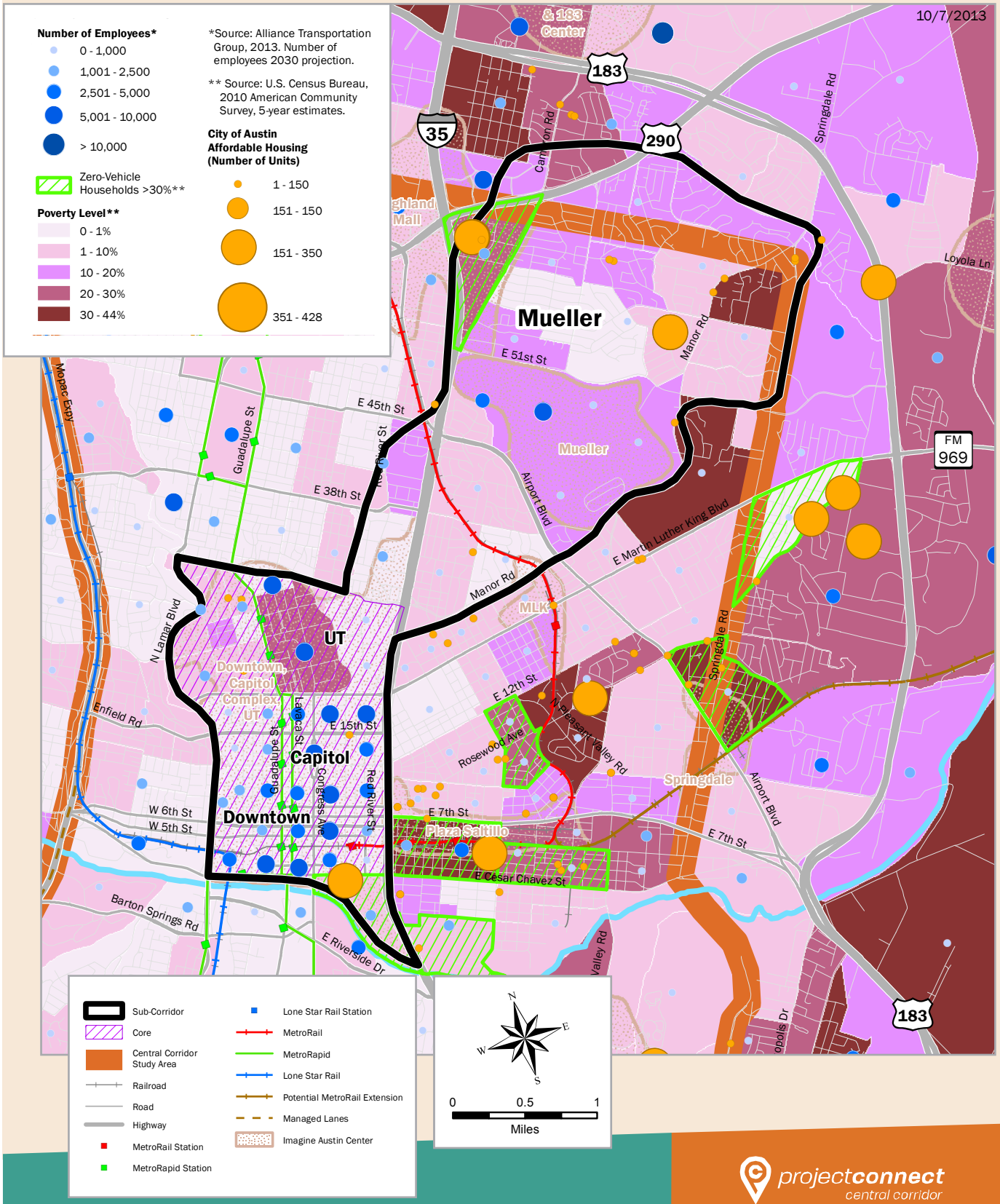

projectconnect
central corridor

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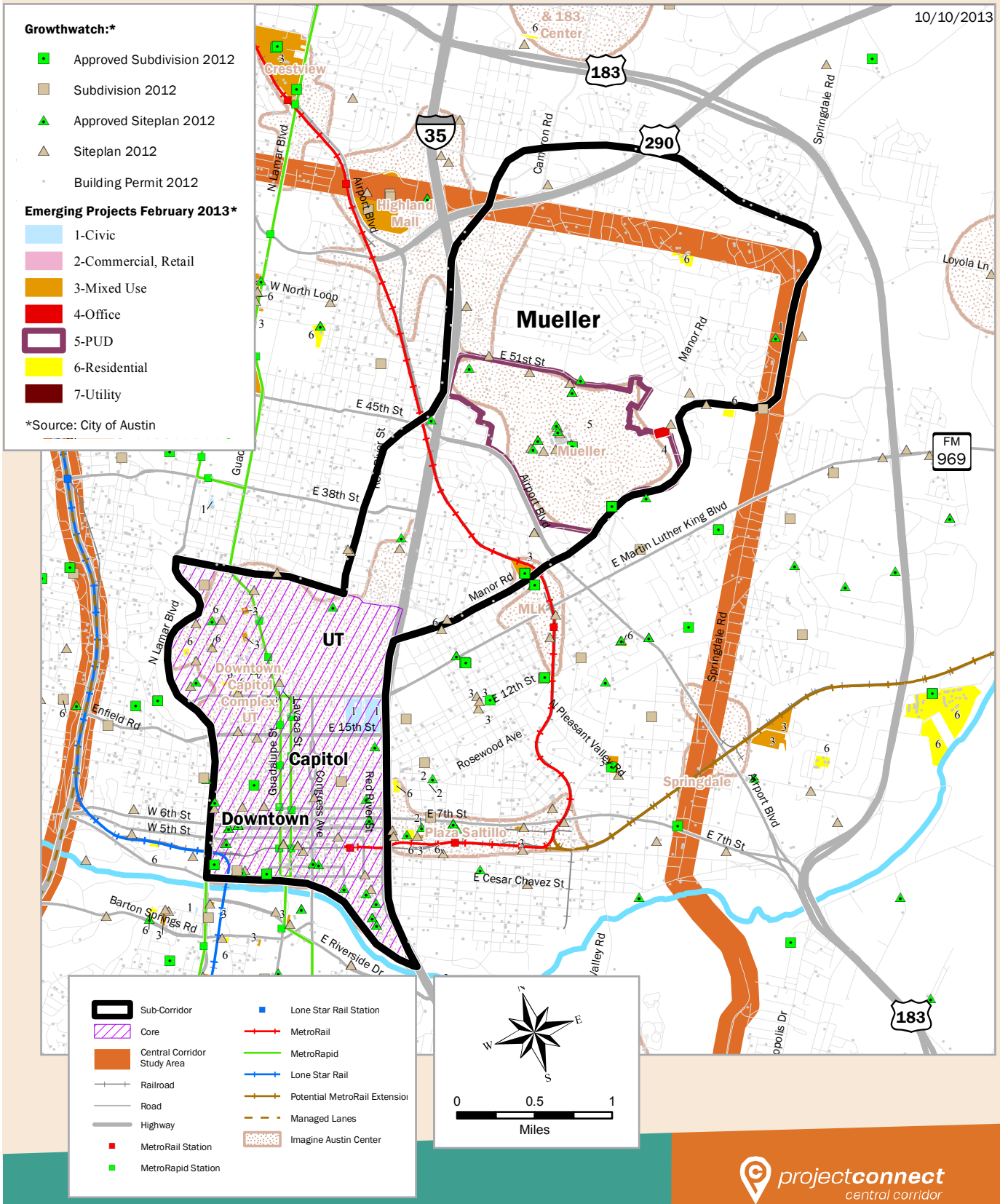
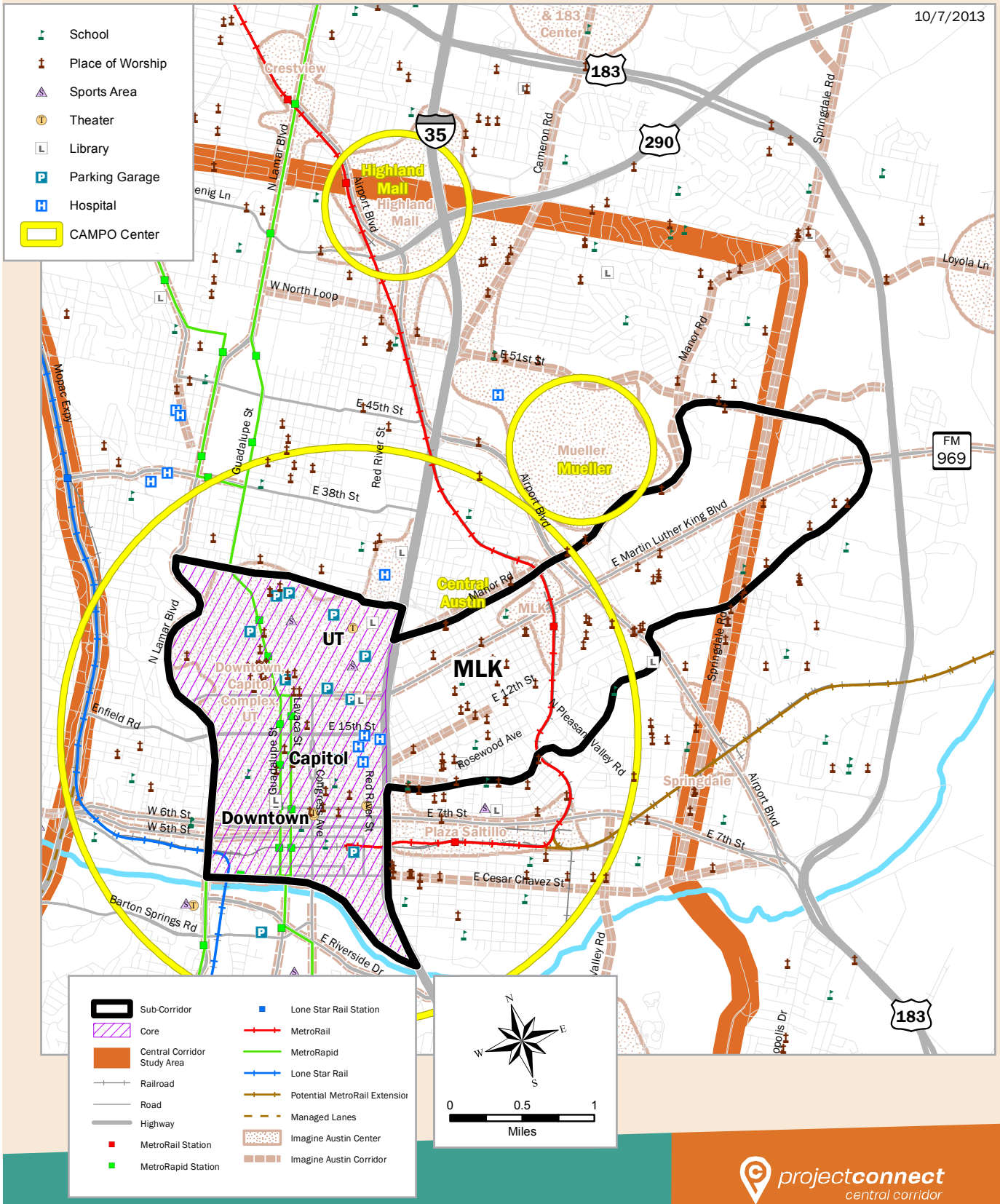


projectconnect
central corridor

SUB-CORRIDOR DEFINITION PACKAGE MLK



projectconnect
central corridor

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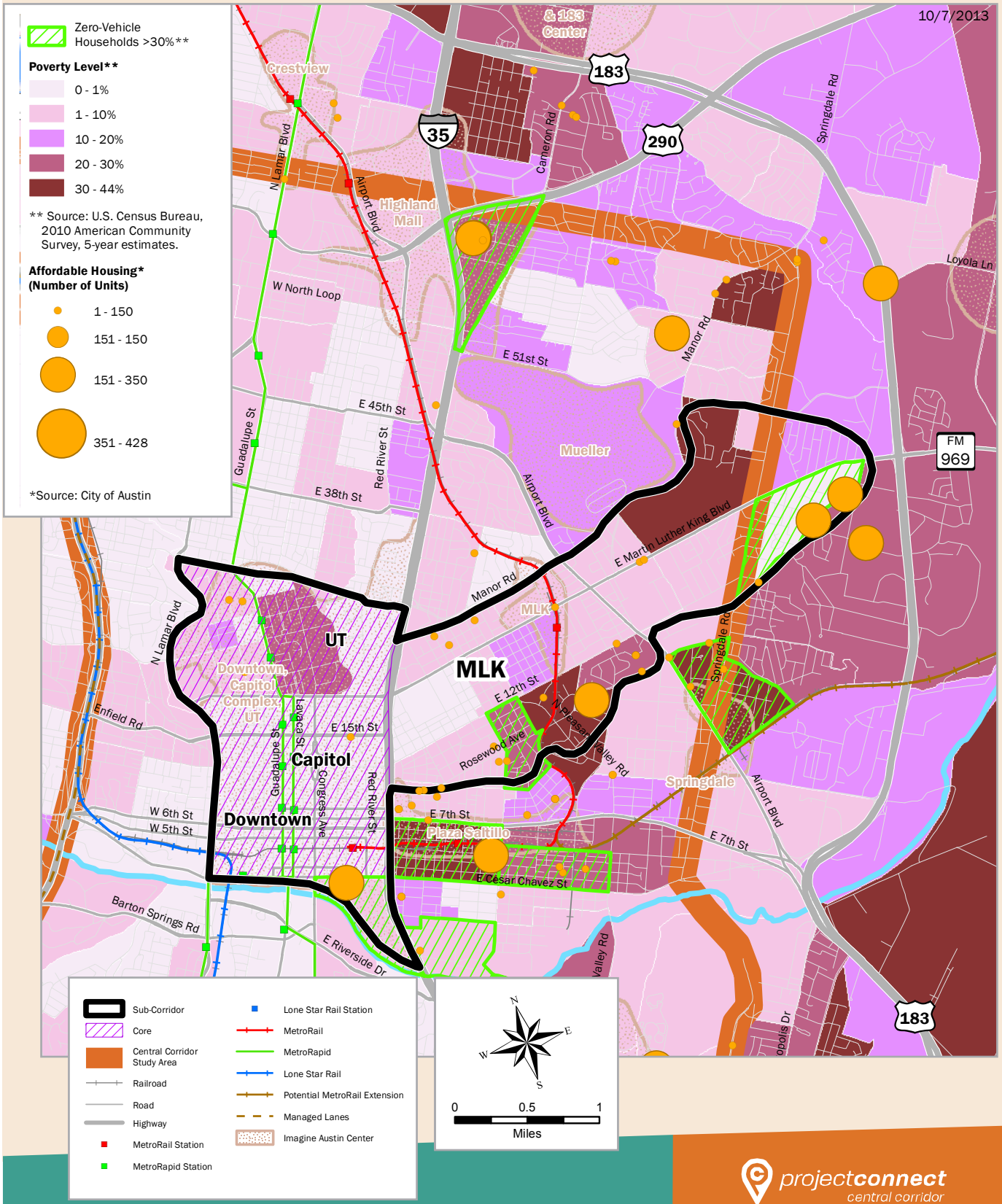

projectconnect
central corridor

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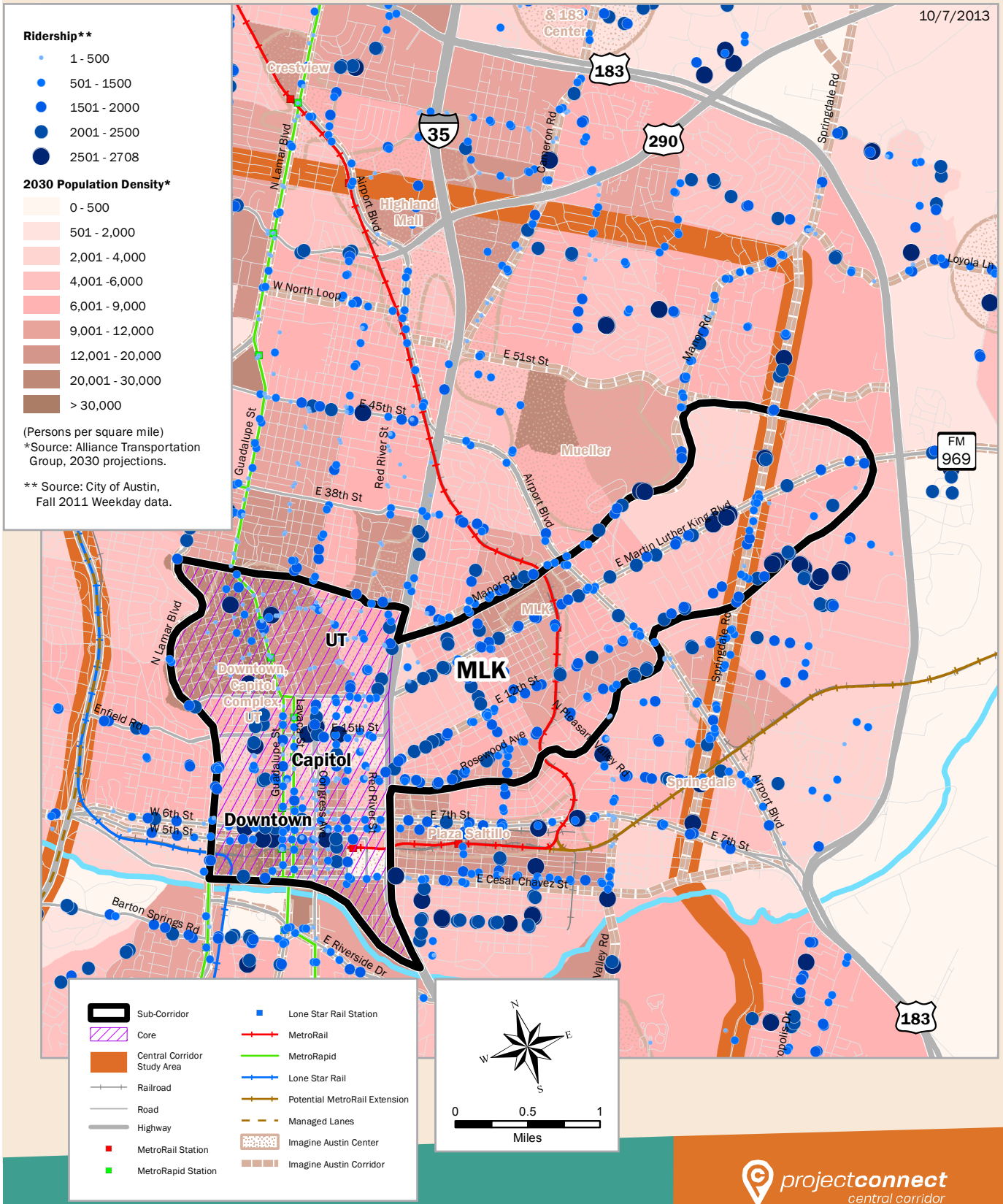
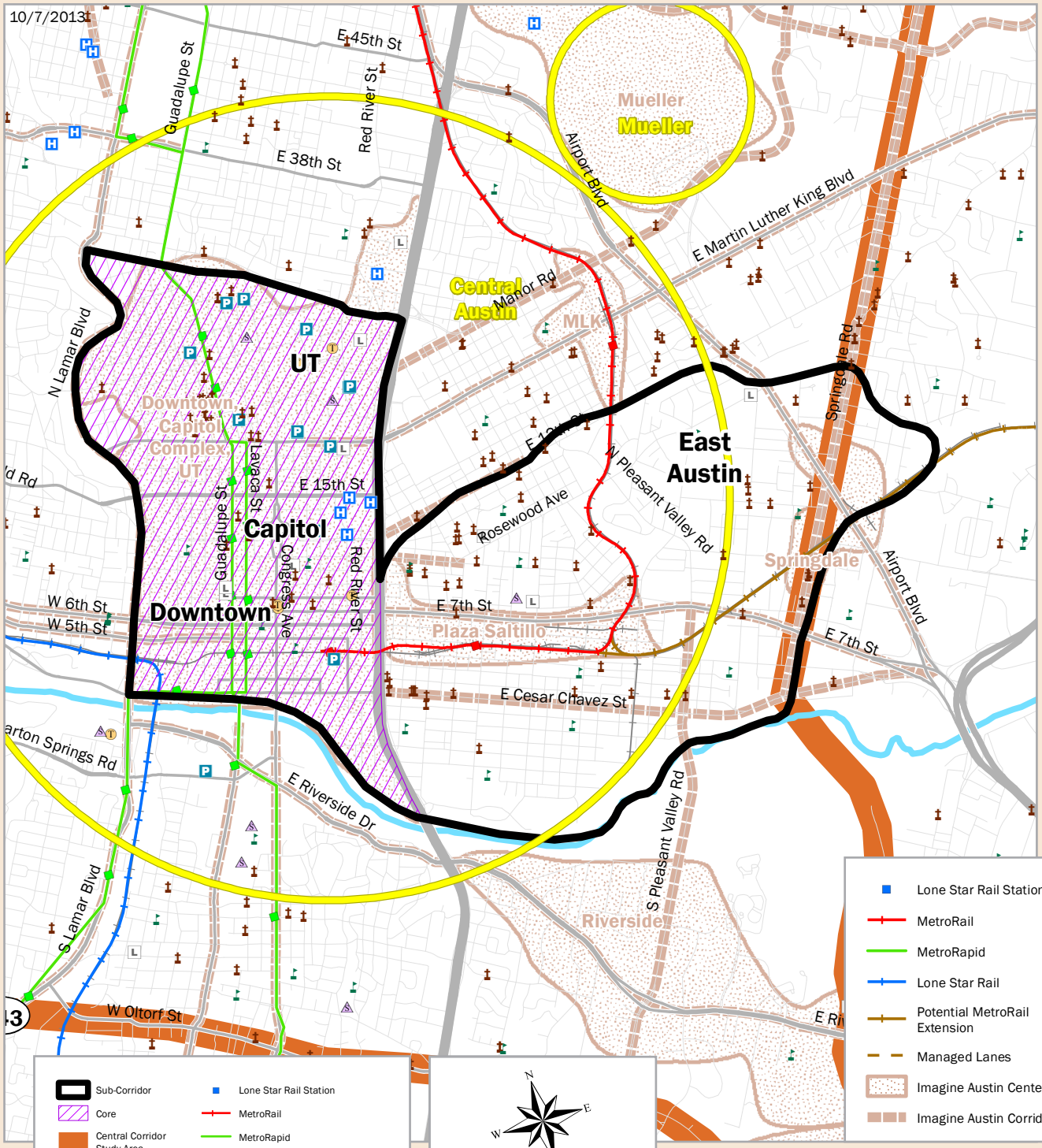


projectconnect
central corridor

SUB-CORRIDOR DEFINITION PACKAGE MLK

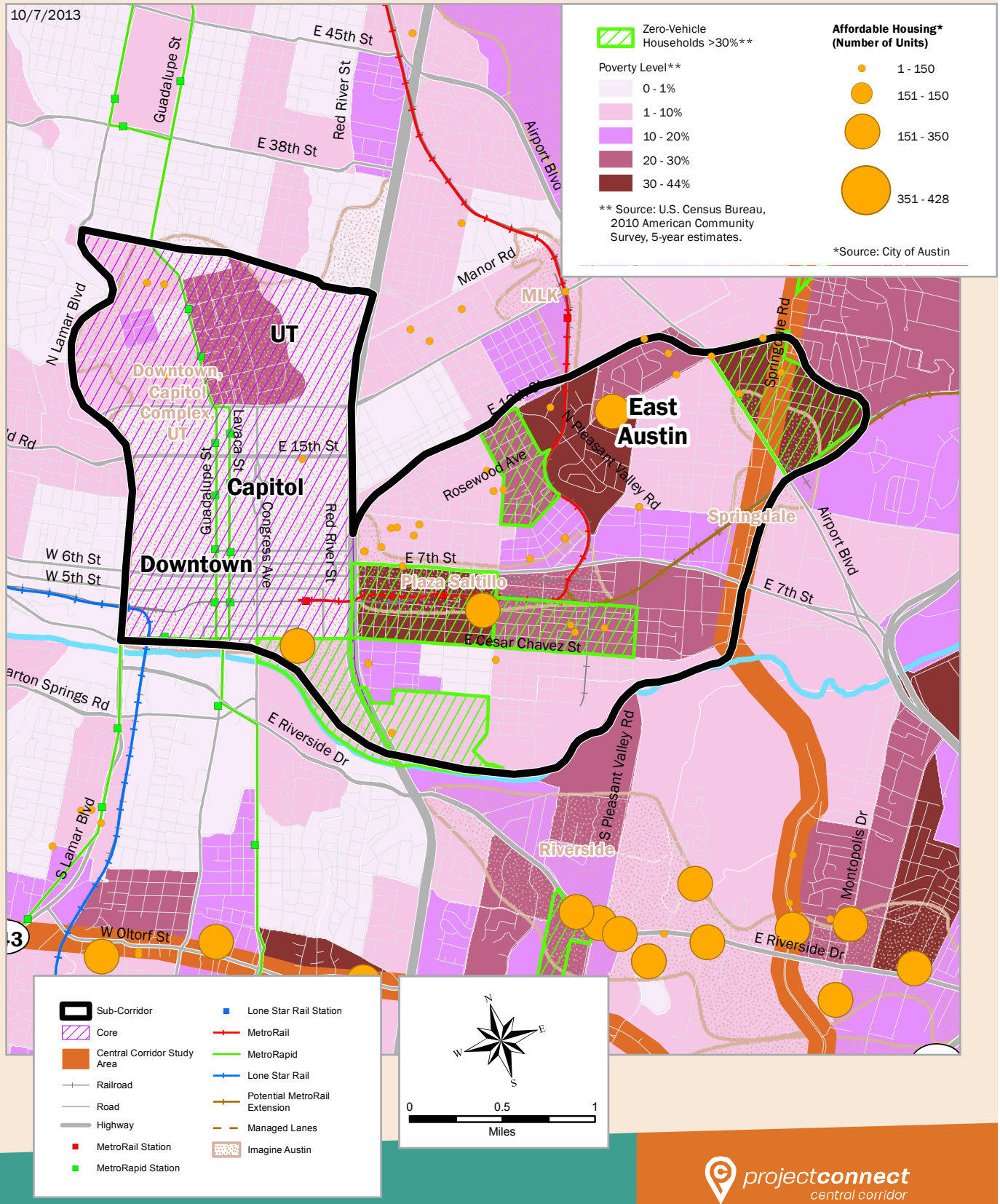
projectconnect central corridor

SUB-CORRIDOR DEFINITION PACKAGE EAST



projectconnect
central corridor

SUB-CORRIDOR DEFINITION PACKAGE EAST



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central corridor

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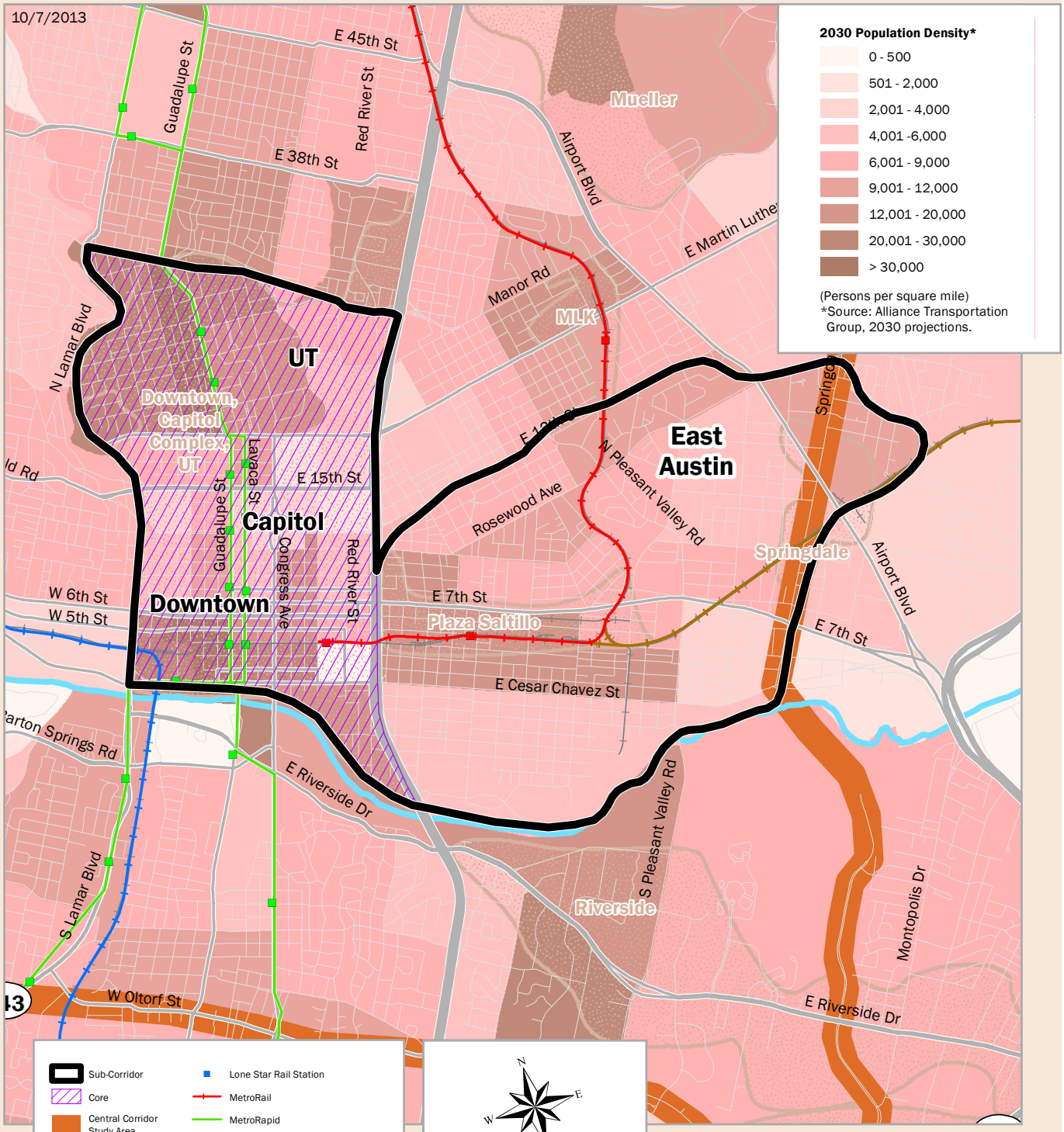

projectconnect
central corridor

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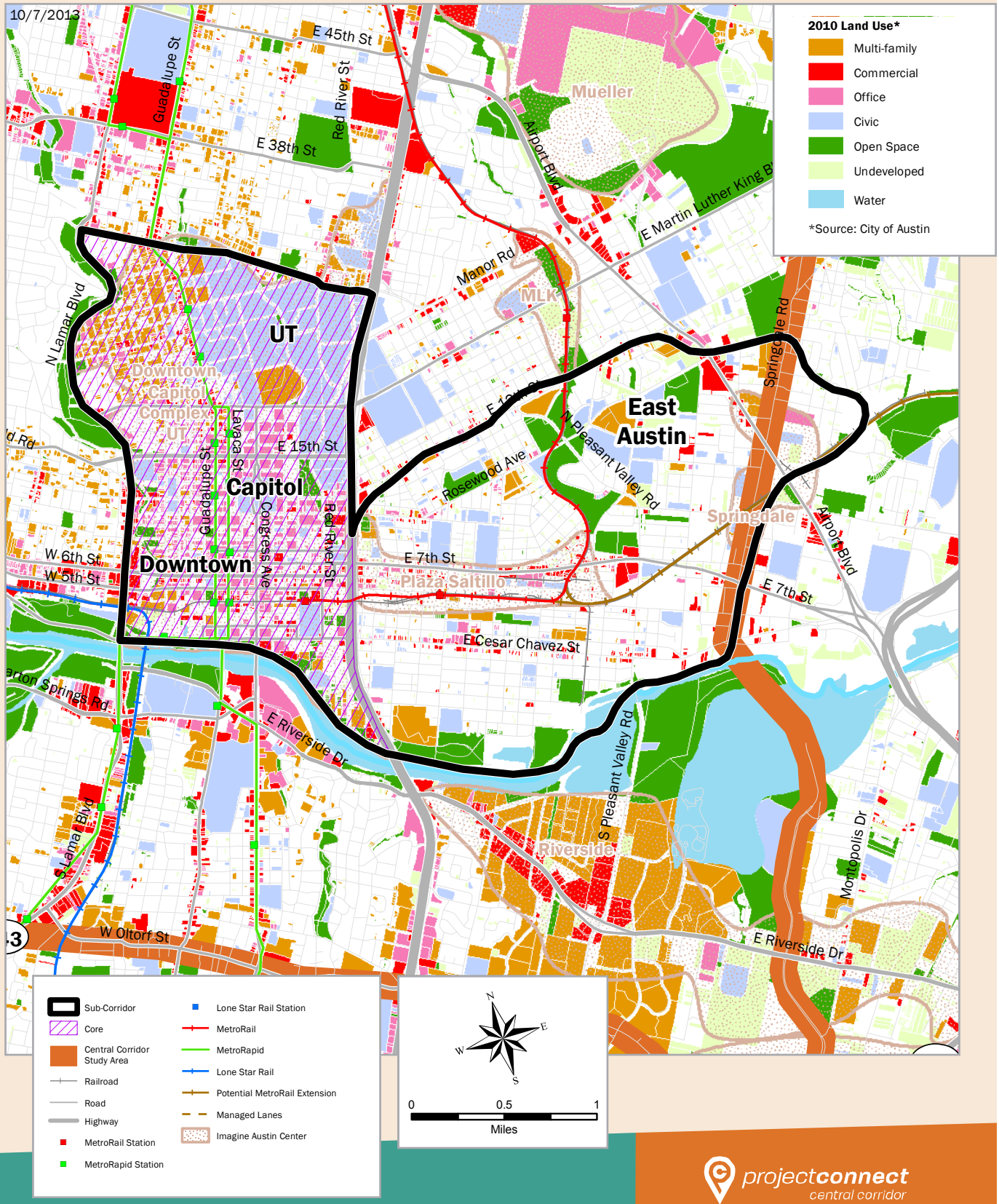
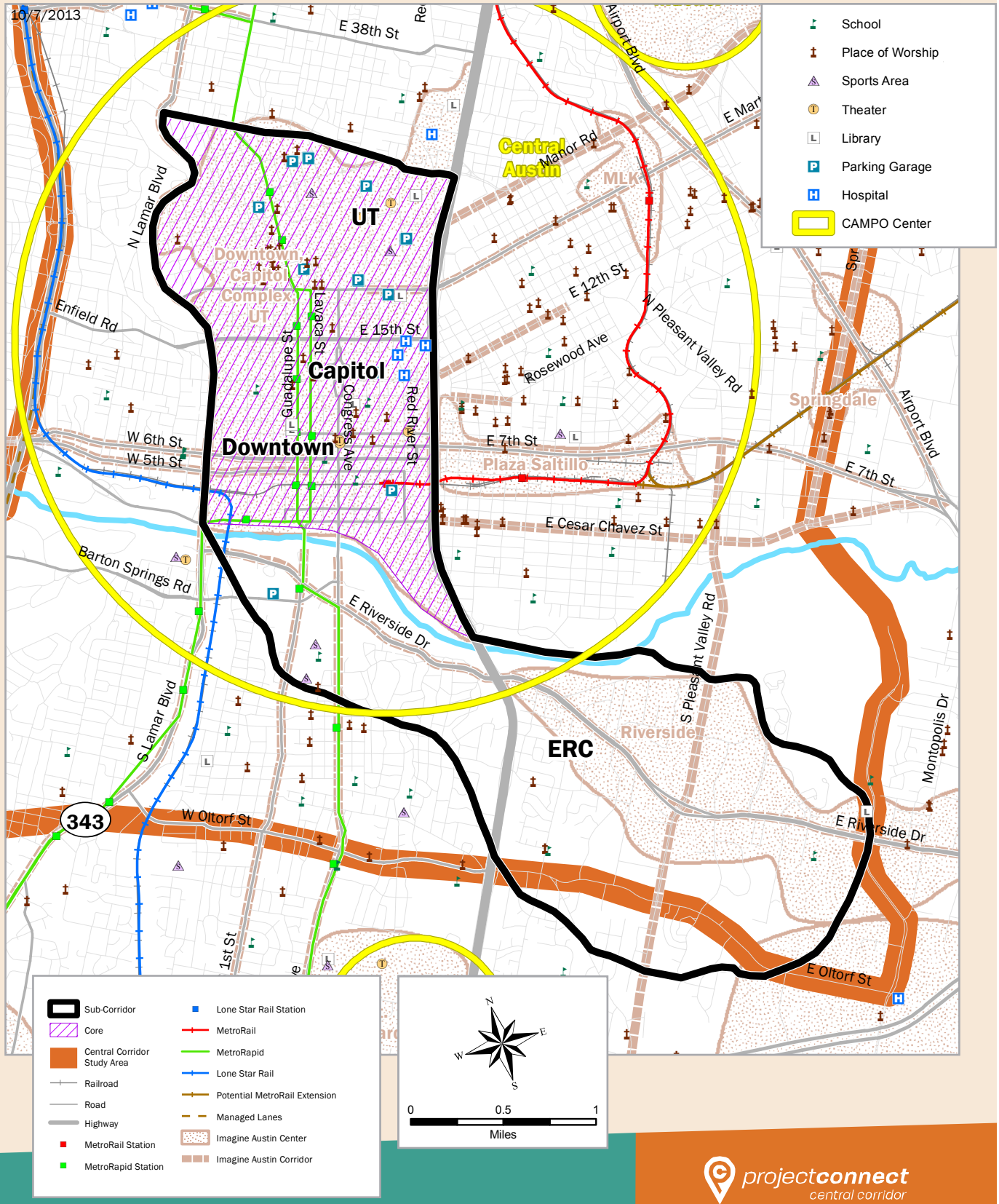


projectconnect
central corridor

SUB-CORRIDOR DEFINITION PACKAGE ERC



projectconnect
central corridor

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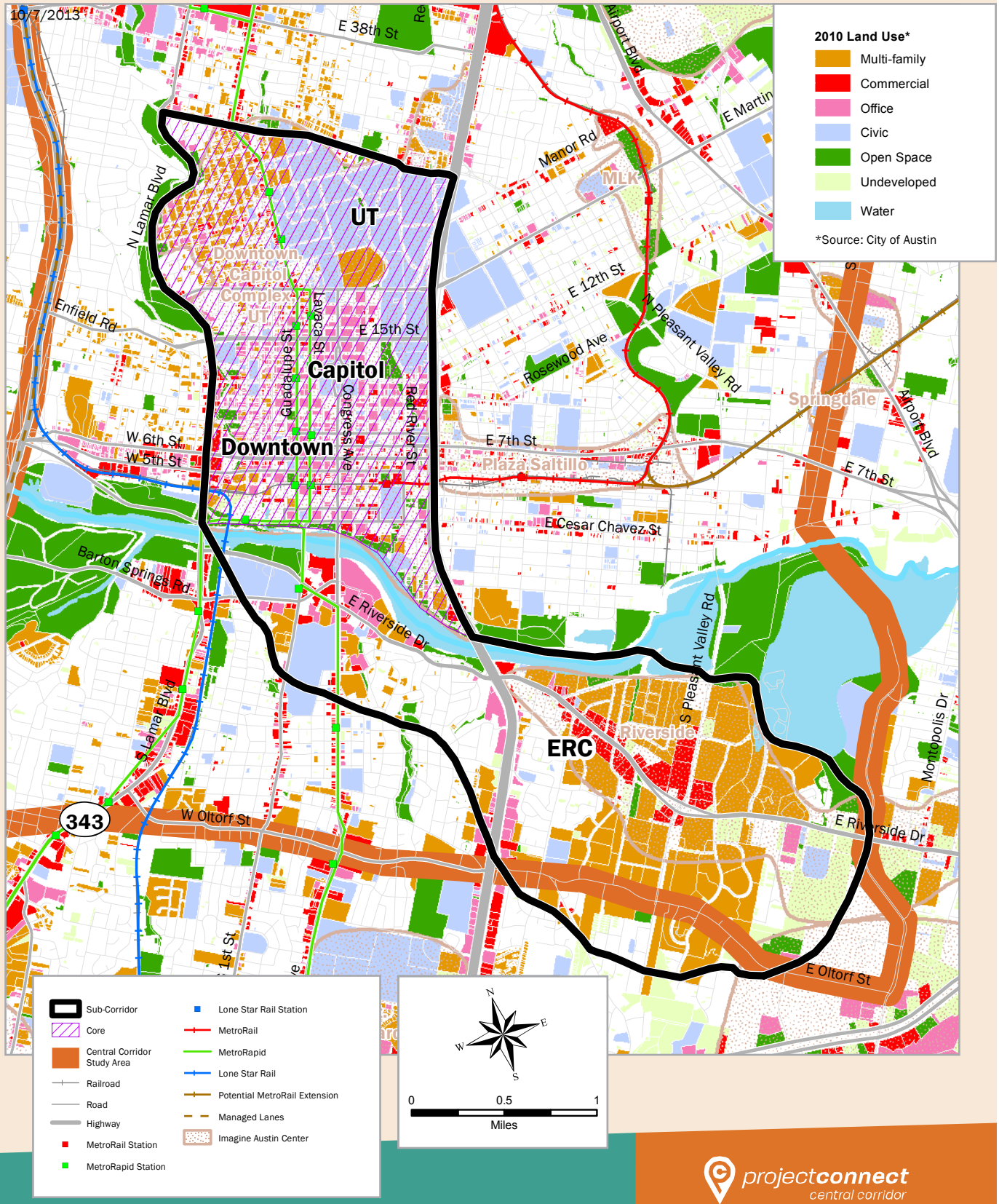

projectconnect
central corridor

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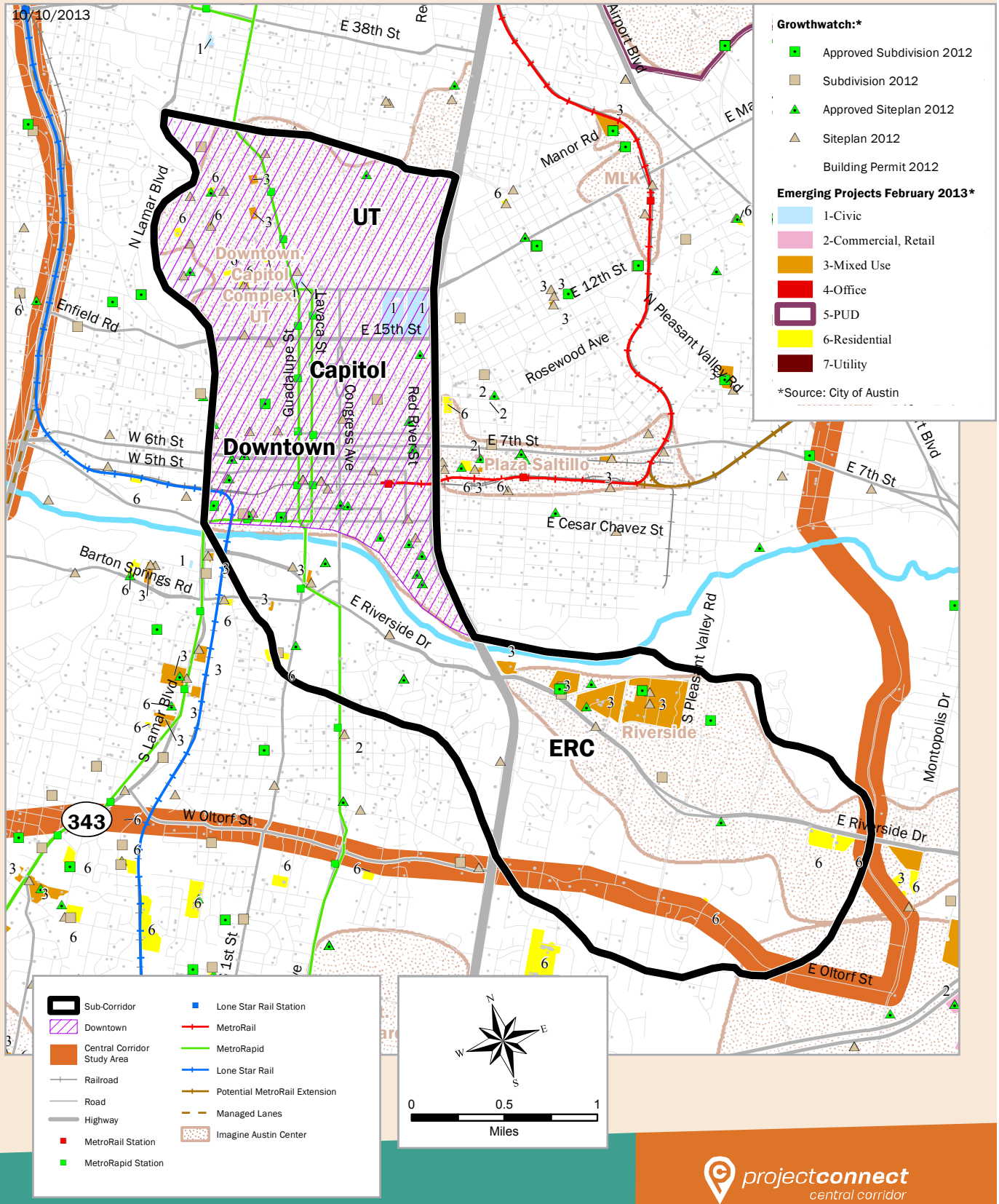

projectconnect
central corridor

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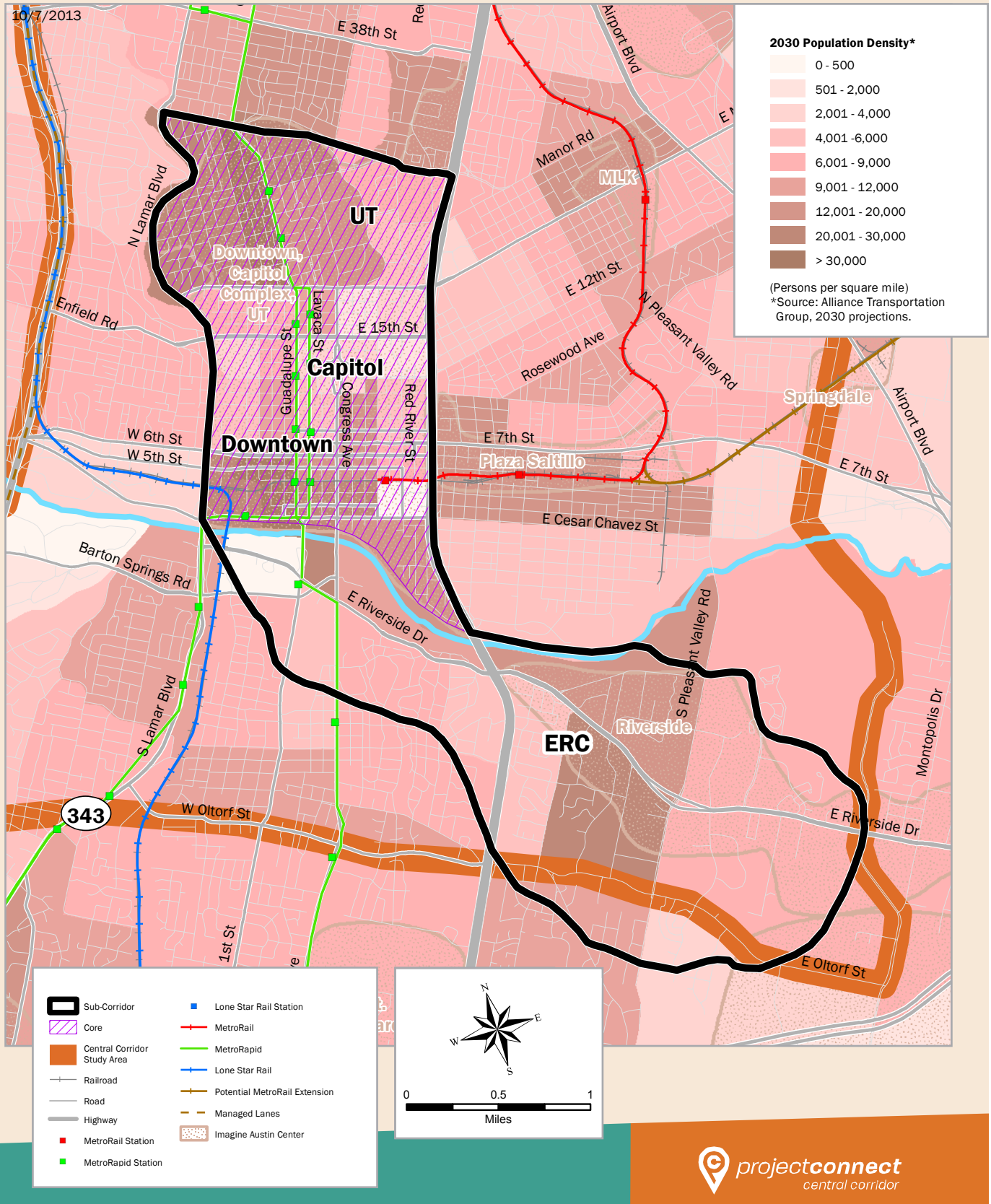

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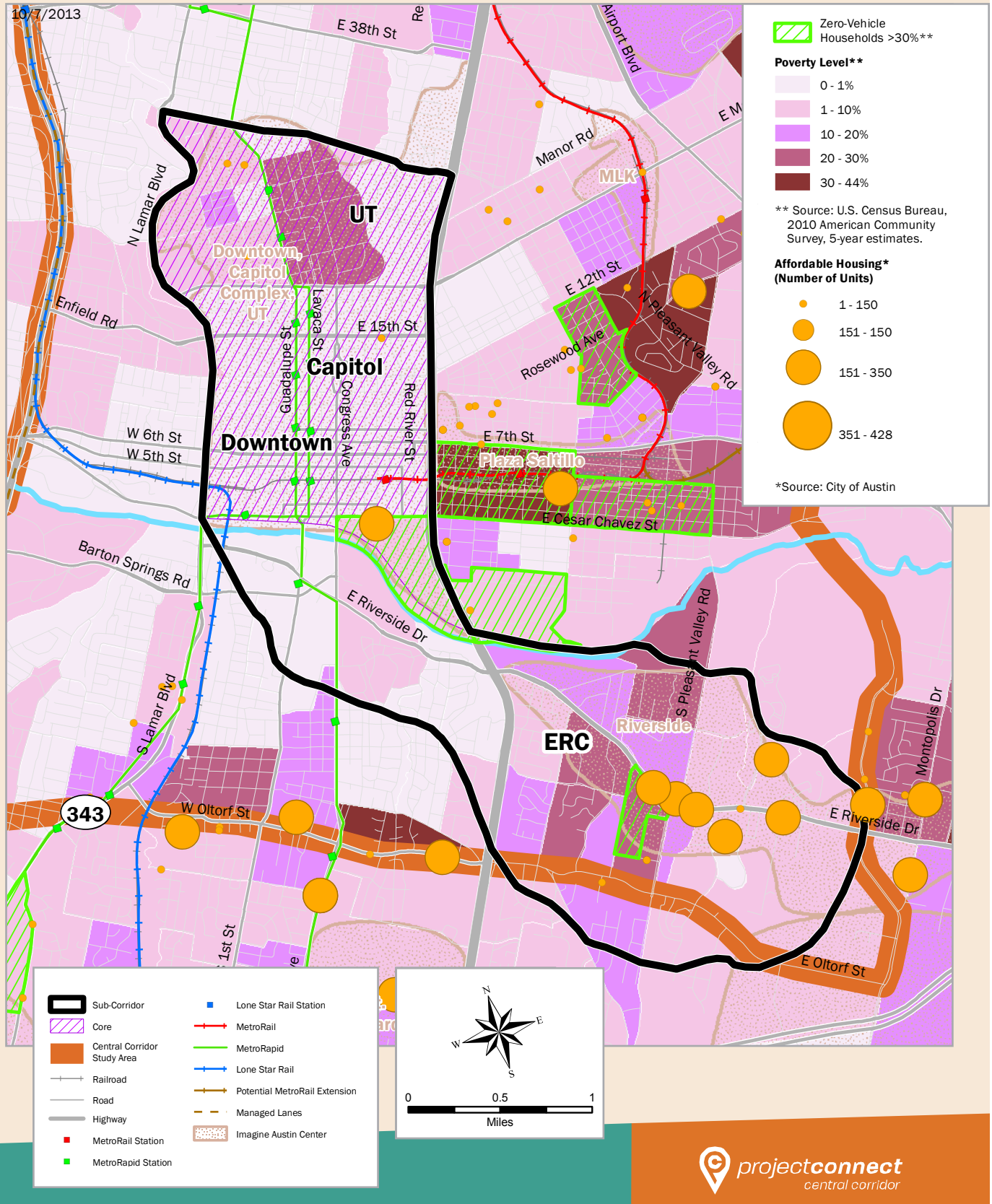
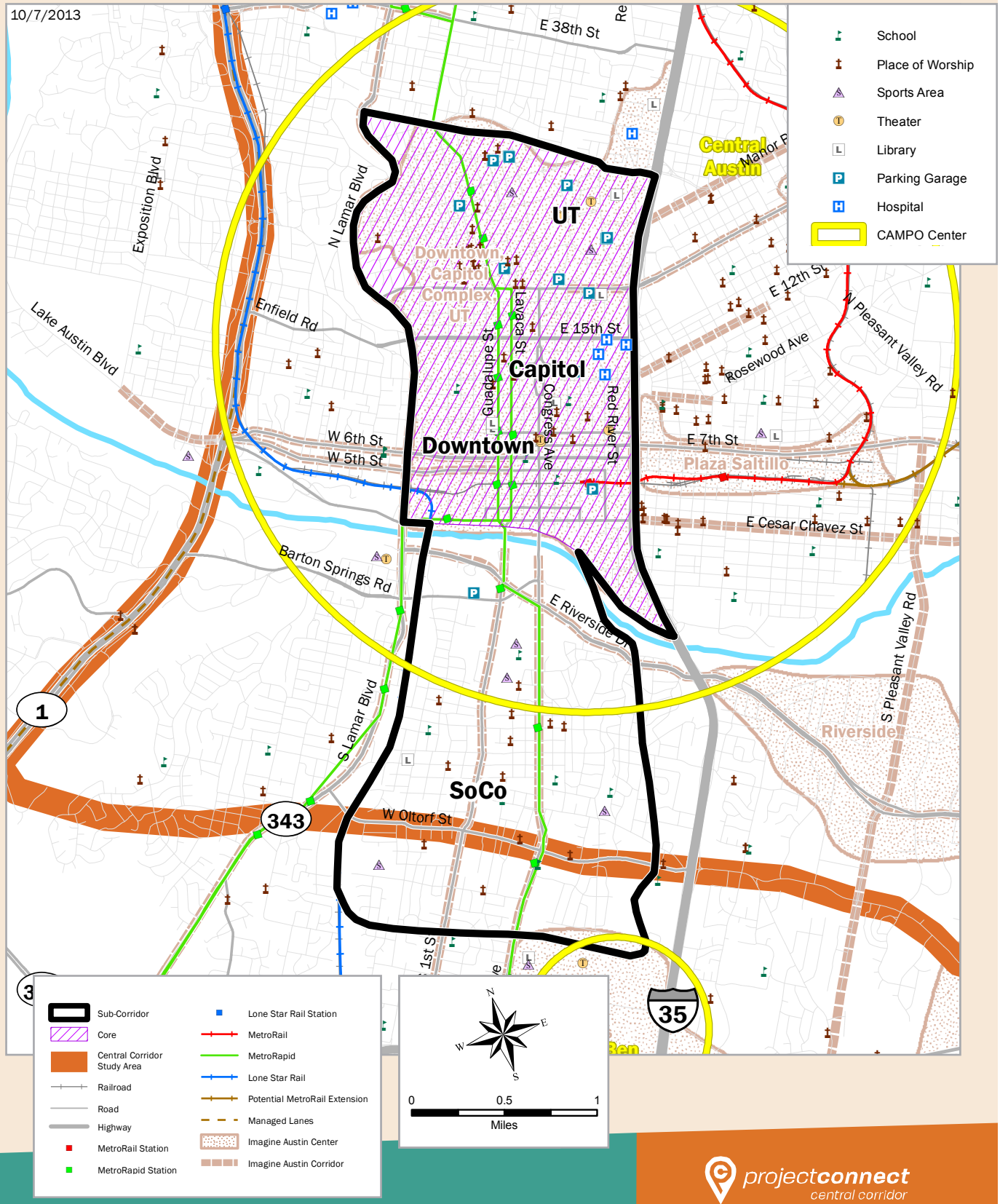


projectconnect central corridor

SUB-CORRIDOR DEFINITION PACKAGE SOCO



projectconnect
central corridor

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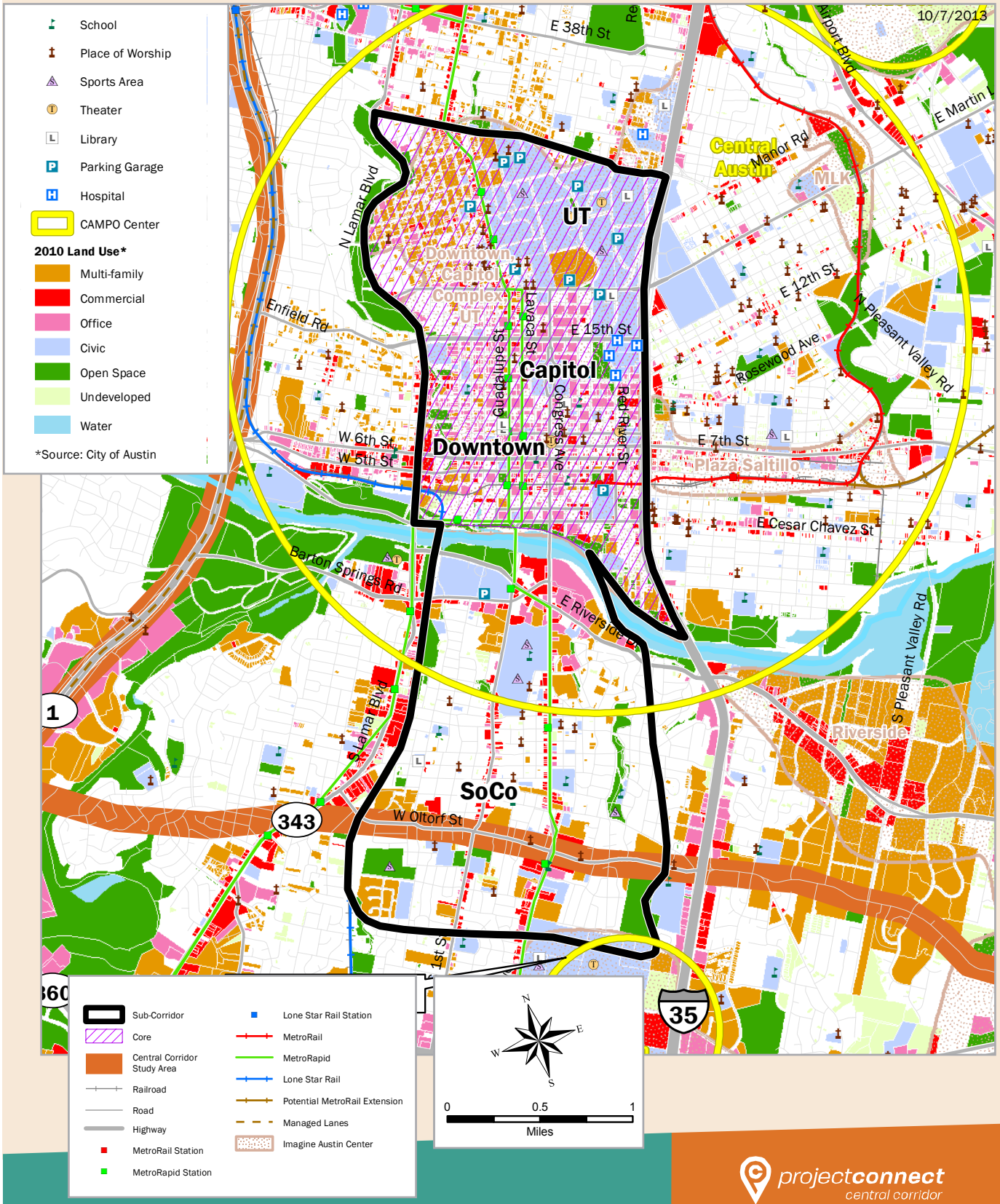

projectconnect
central corridor

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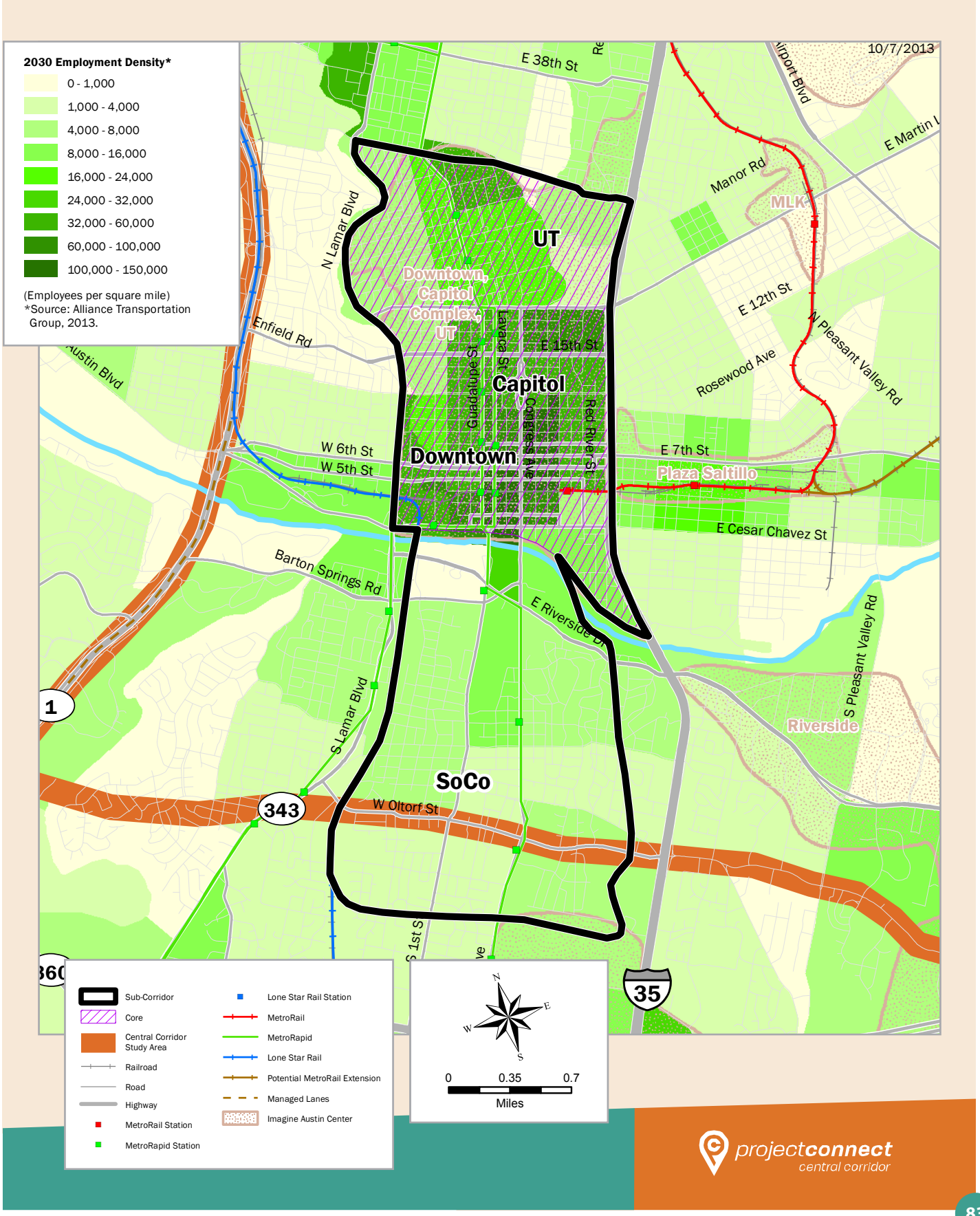

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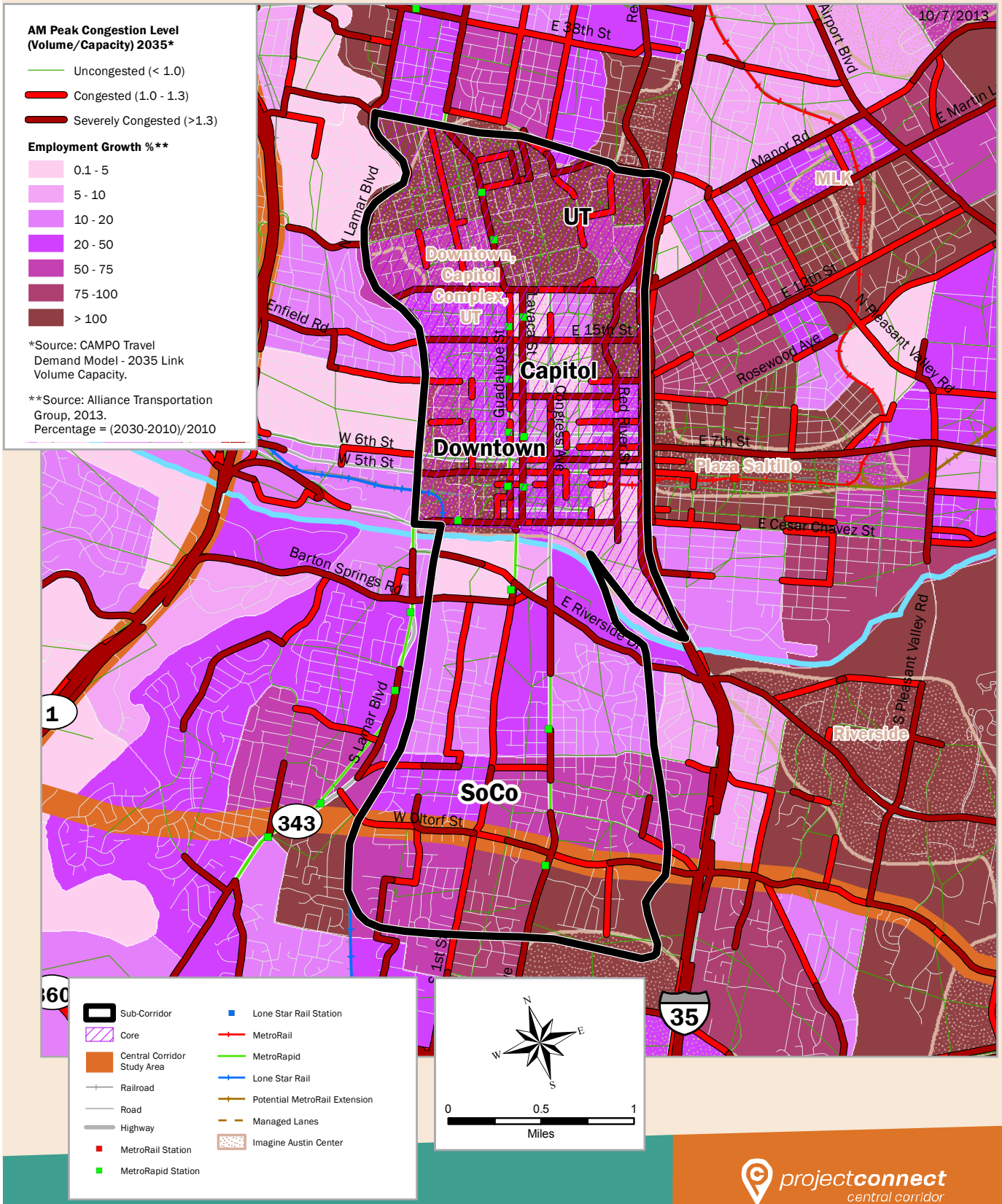

projectconnect
central corridor

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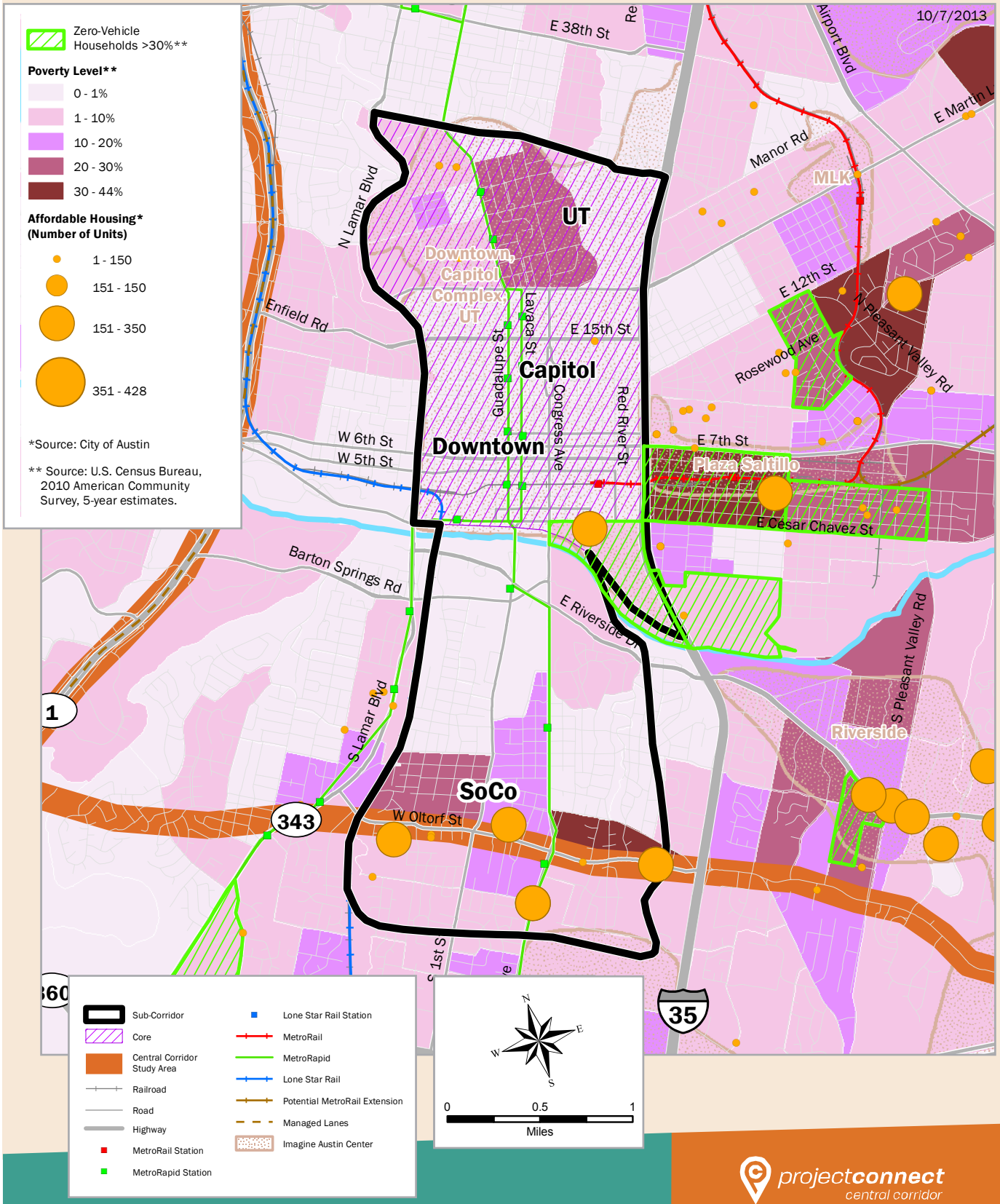
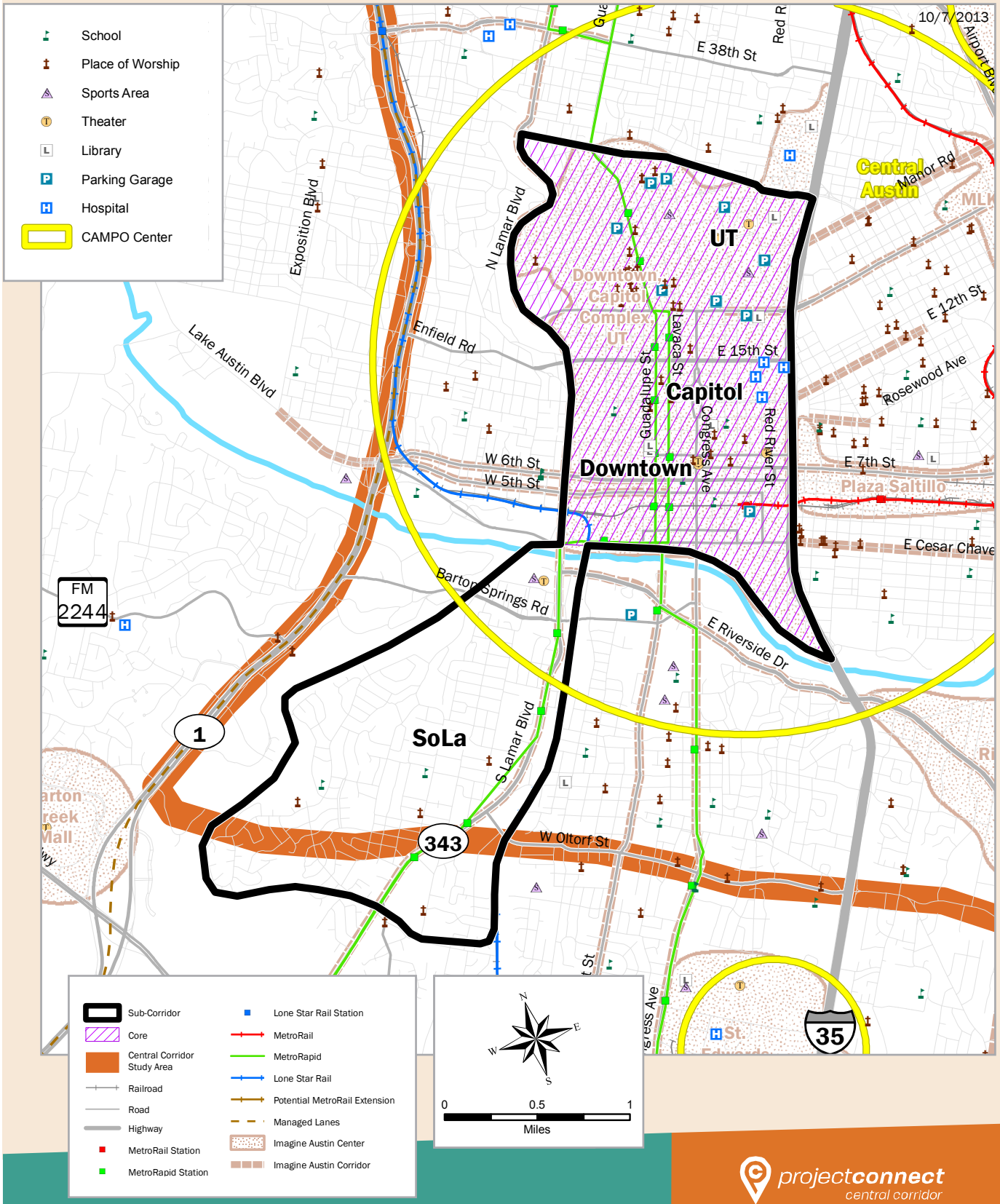


projectconnect central corridor

SUB-CORRIDOR DEFINITION PACKAGE SOLA



projectconnect
central corridor

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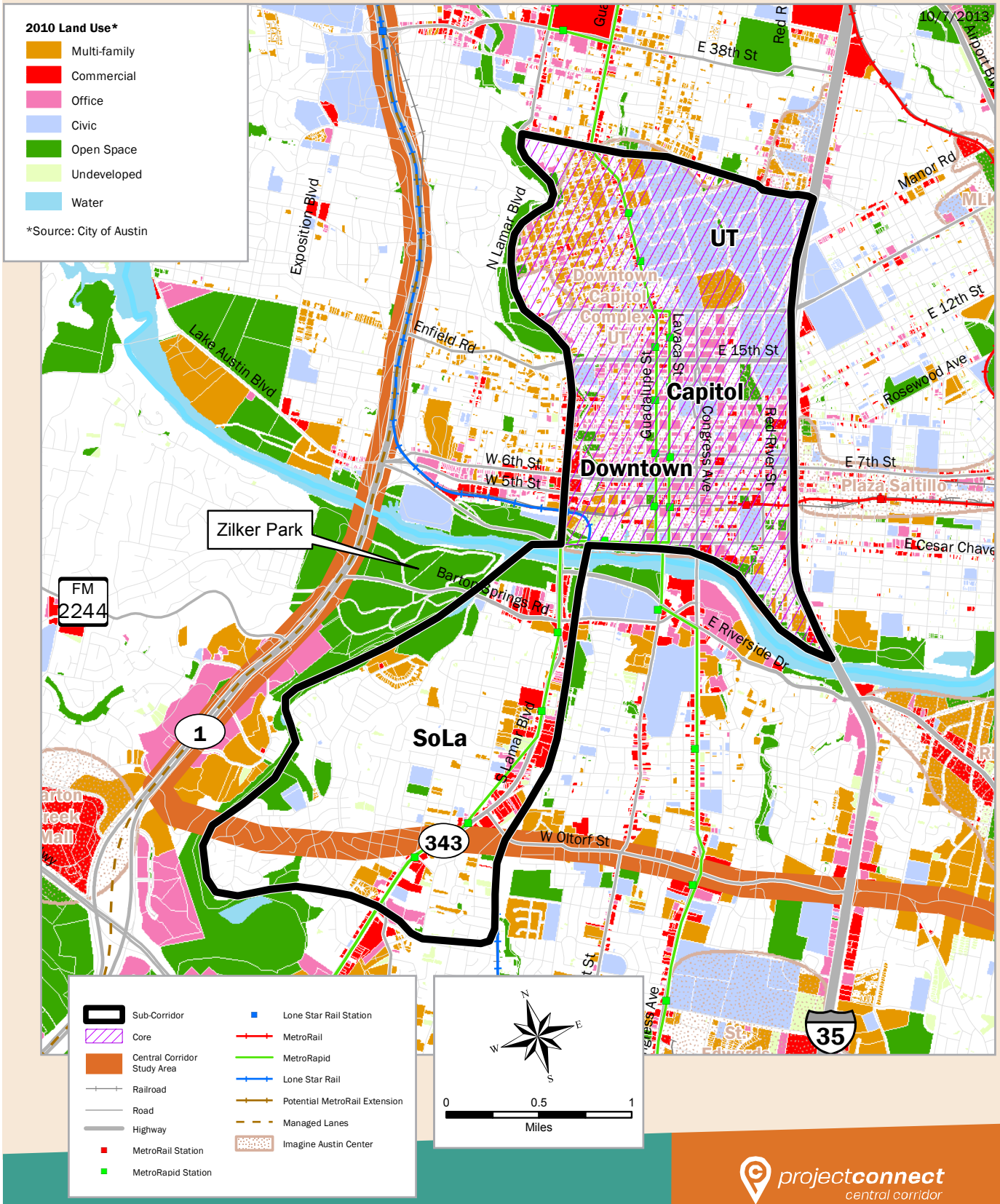
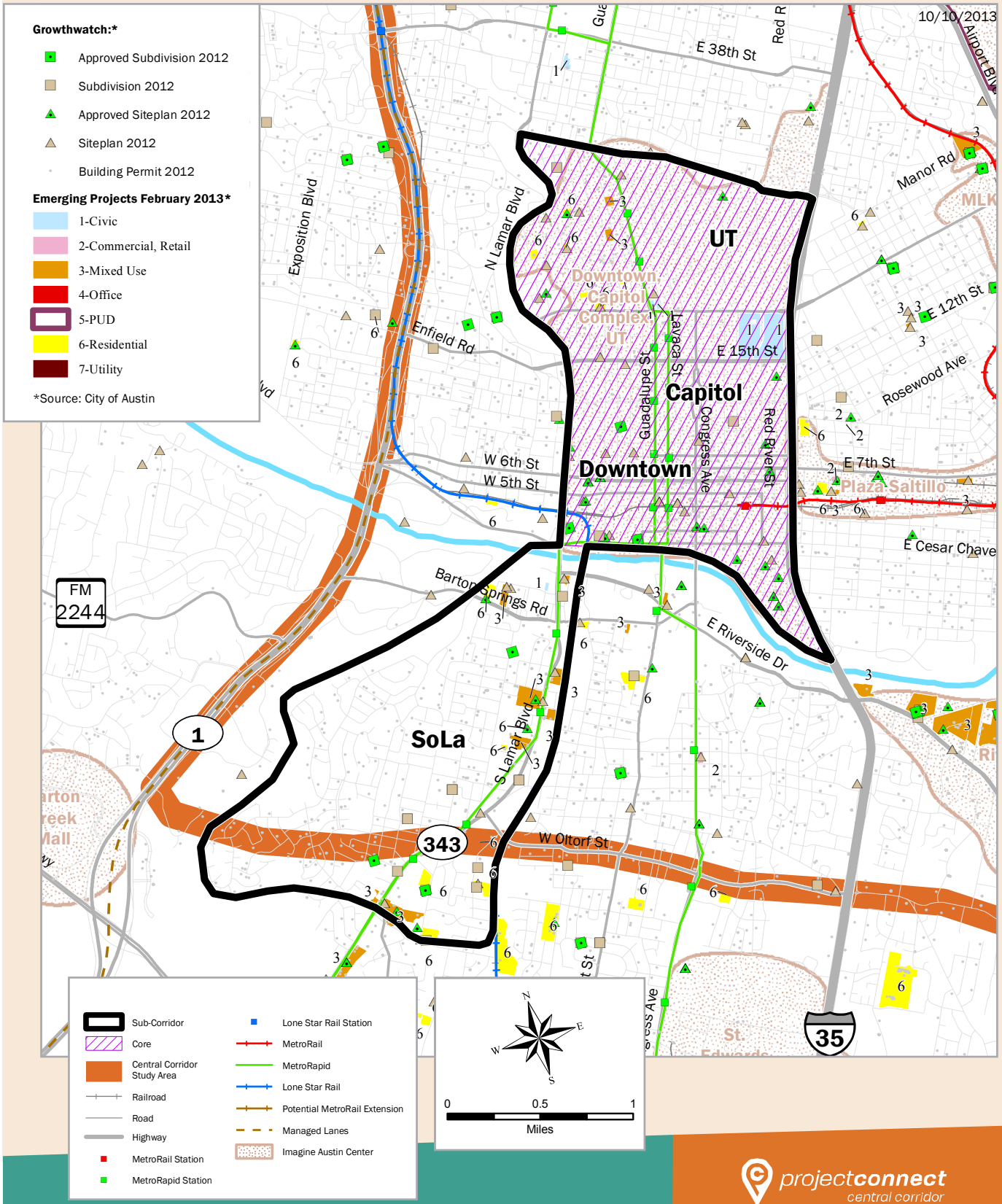
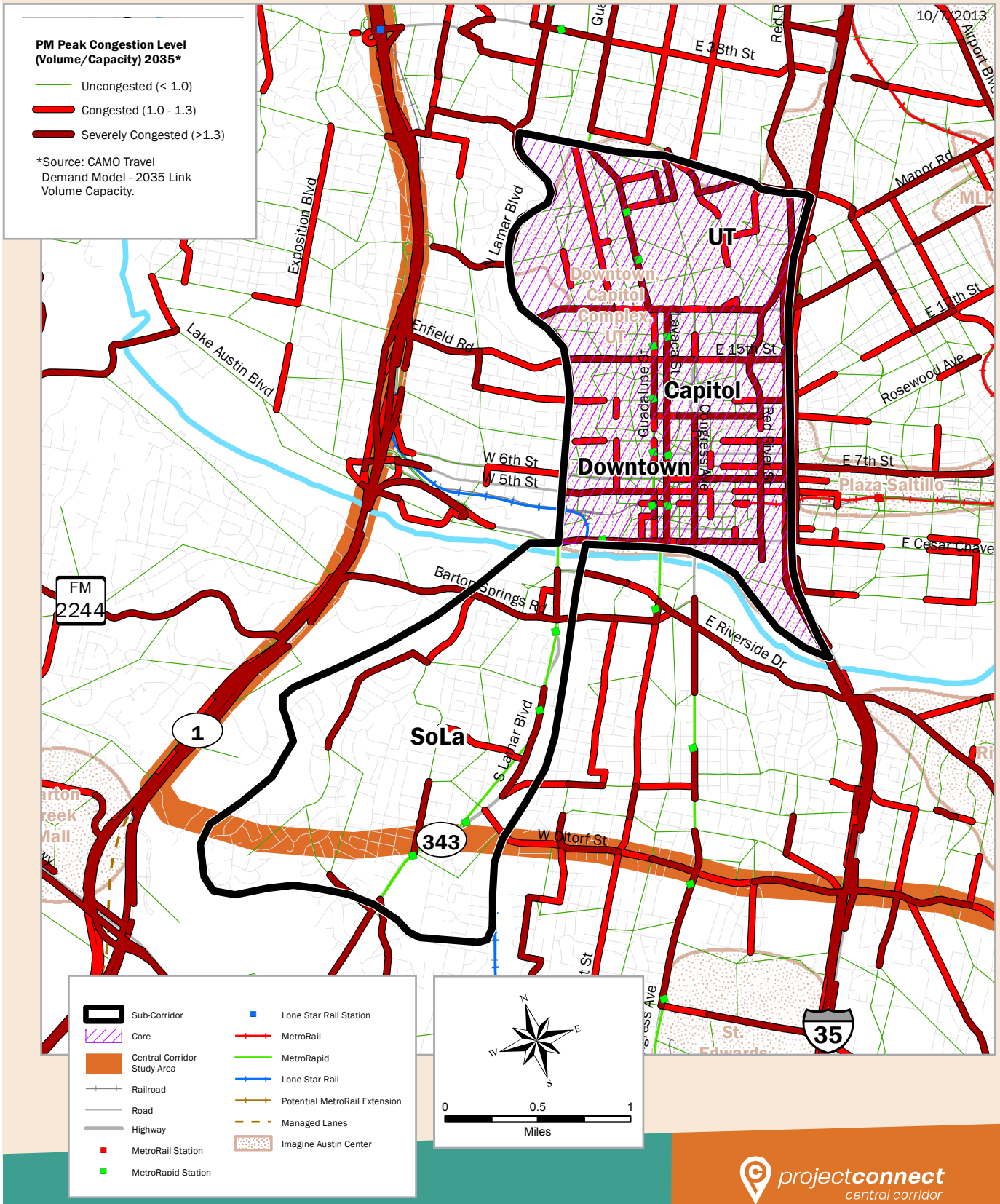


projectconnect
central corridor

SUB-CORRIDOR DEFINITION PACKAGE SOLA



SUB-CORRIDOR DEFINITION PACKAGE SOLA



projectconnect
central corridor