



CMX

BROWN &
KEENER

Stump / Hausman
Partnership

*Madison Ave Commuter Rail
Corridor Study*
TAC MEETING #2

March 3, 2009

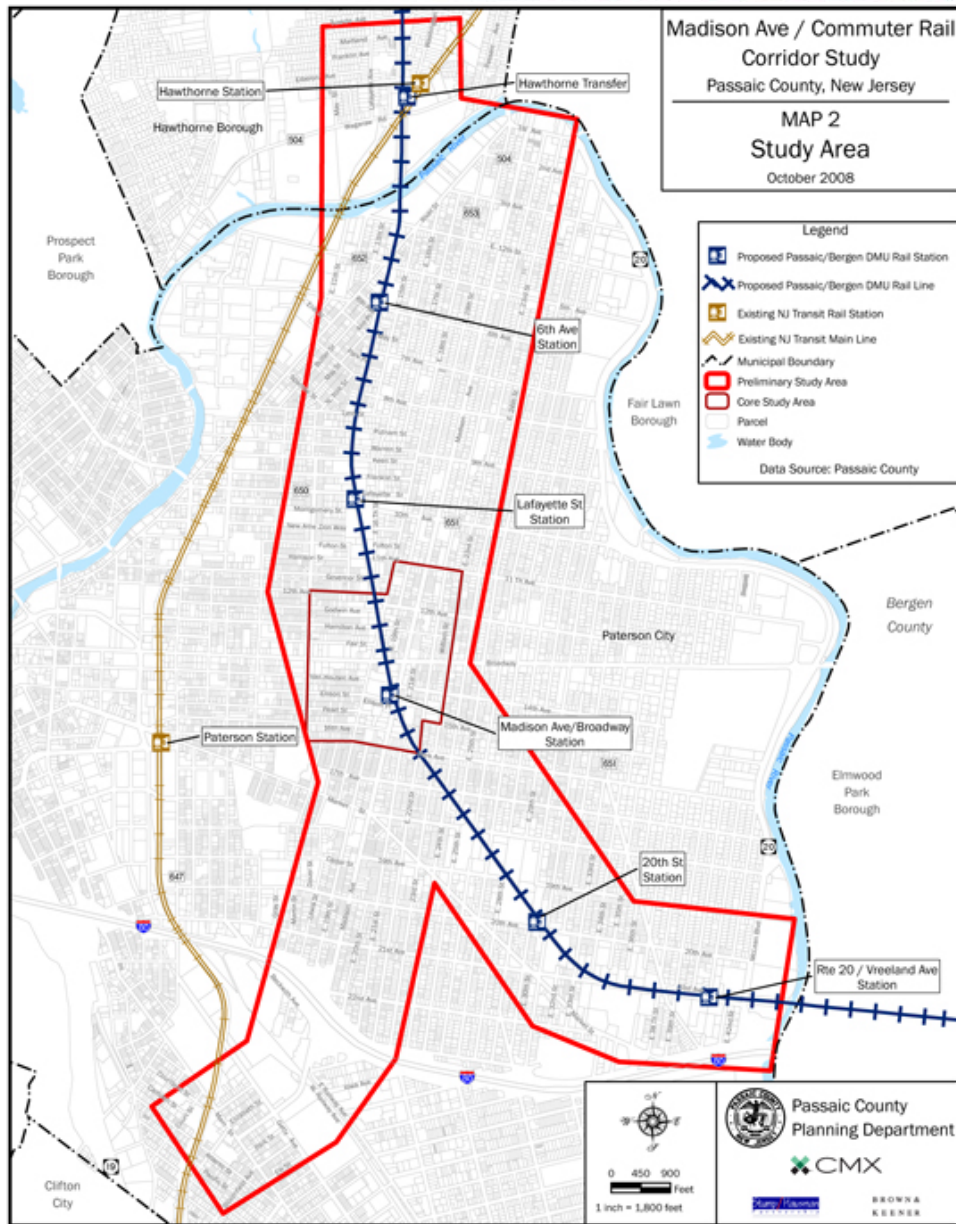


Project Goals

- To develop a comprehensive strategy to integrate
 - Existing and future transportation modes (the train is coming)
 - Land use options
 - Transit/pedestrian oriented development

Study Area

MAP 2



Process and progress

▪ Flow chart -process

- Existing conditions assessment
- Future conditions w/o TOD
- Conceptualize TOD
- Future conditions with TOD
- Phased implementation agenda

▪ Progress

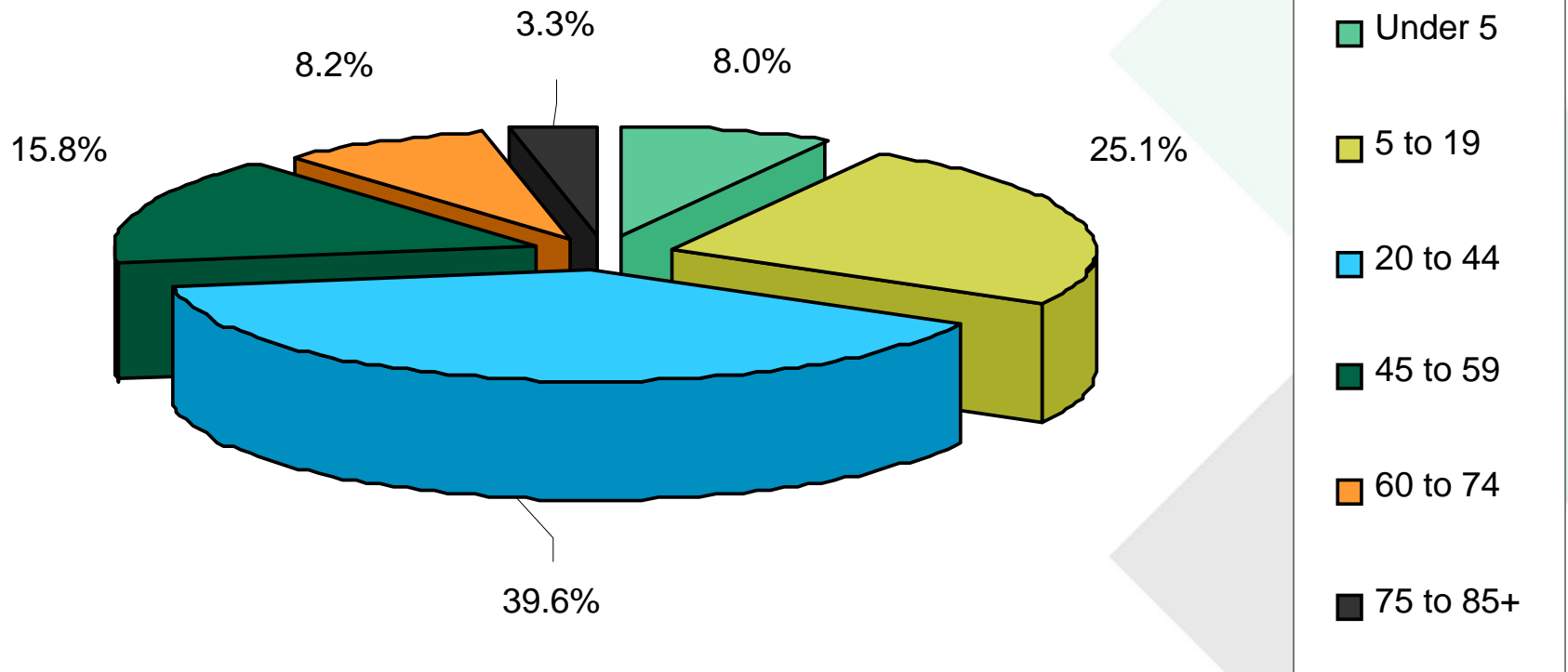
- Existing conditions – tech memo #1
- Traffic forecasting – tech memo #2
- Visioning
- Preliminary recommendations
 - Circulation & Parking
 - Safety Improvements
 - Funding Options

Population Trends

TABLE 1-1

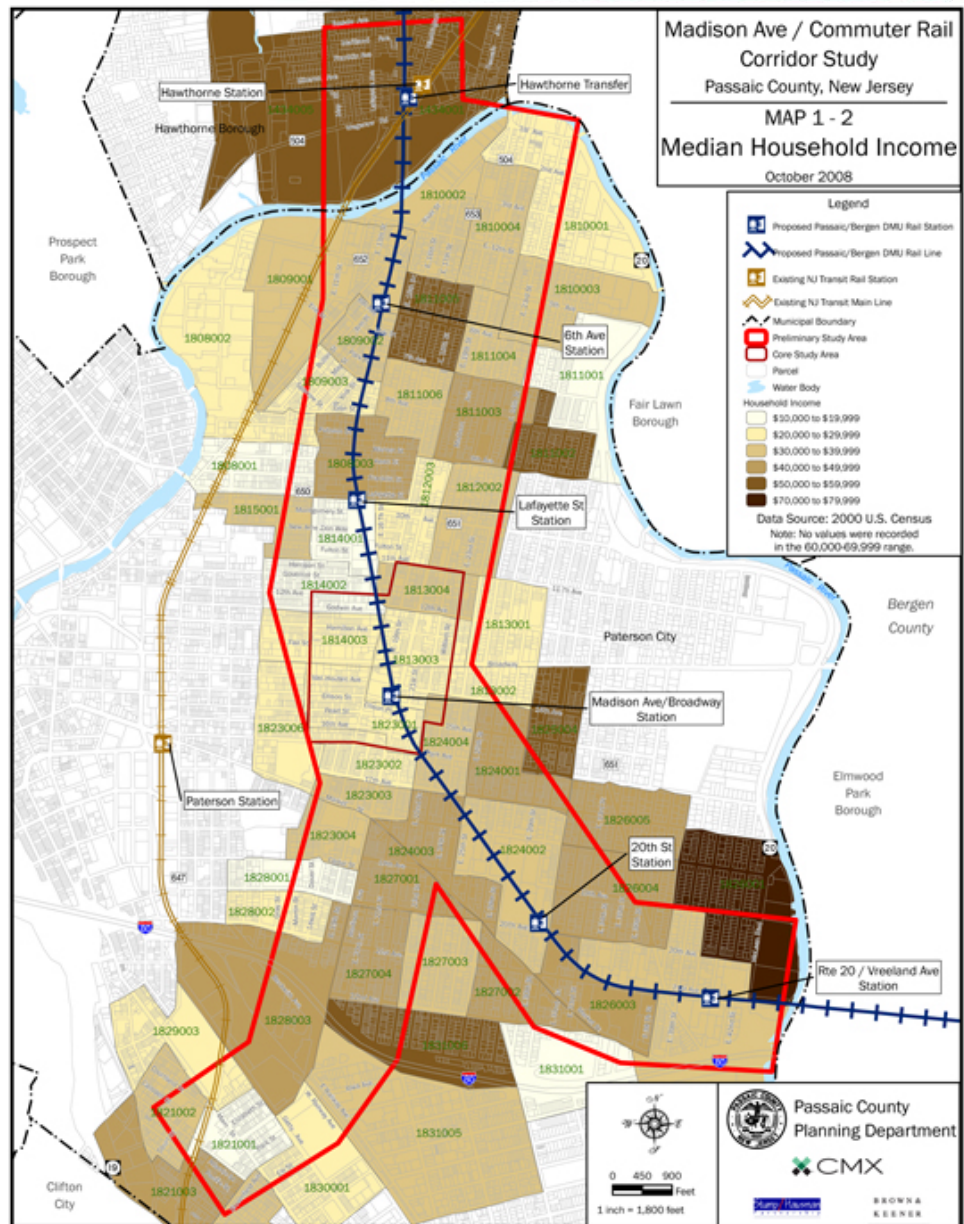
Jurisdiction	2000 Population	2010 Population	2020 Population	2030 Population	2000-2030 Pop. Increase
Paterson	149,220	151,230	164,820	179,530	20.3%
Hawthorne	18,220	18,480	19,470	21,340	17.1%
Passaic County	490,400	513,100	546,600	594,200	21.2%

Population Trends - Workforce



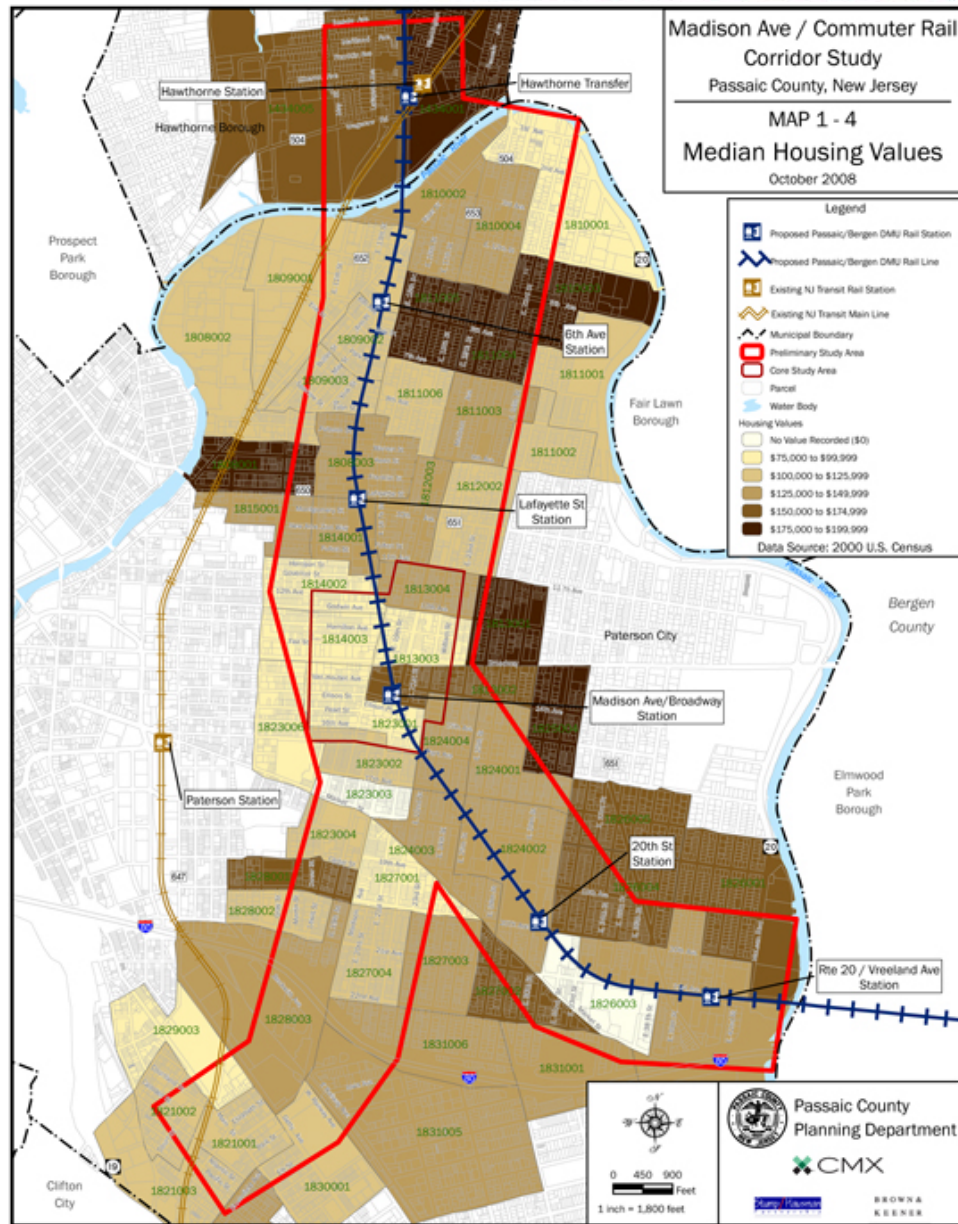
Median Household Income

MAP 1-2

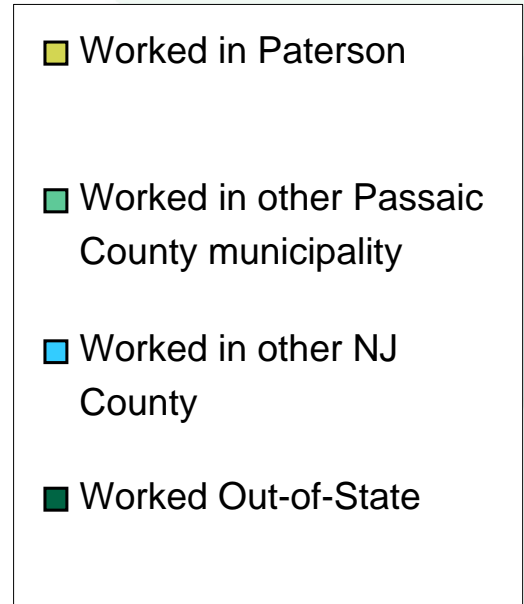
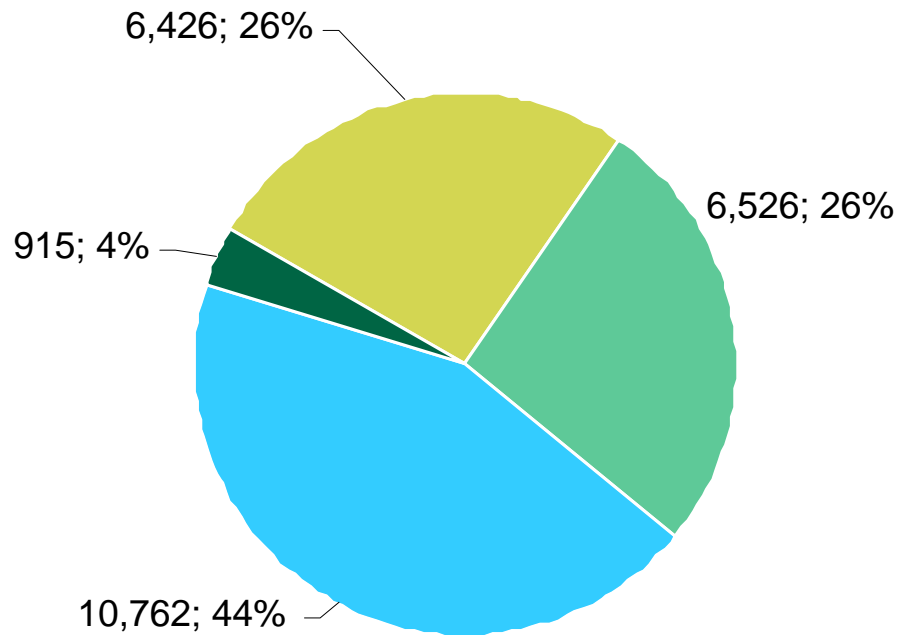


Median Housing Values

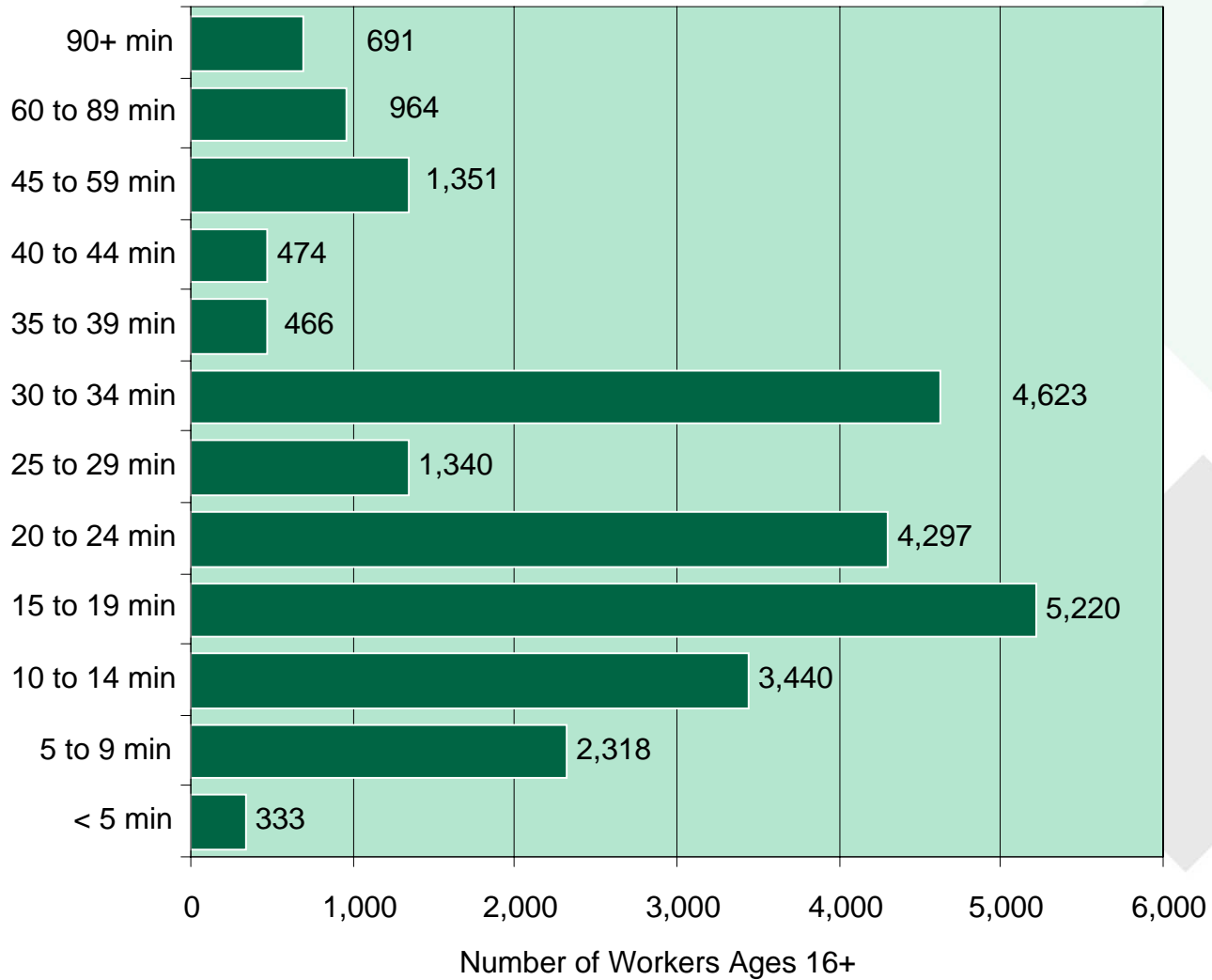
MAP 1-4



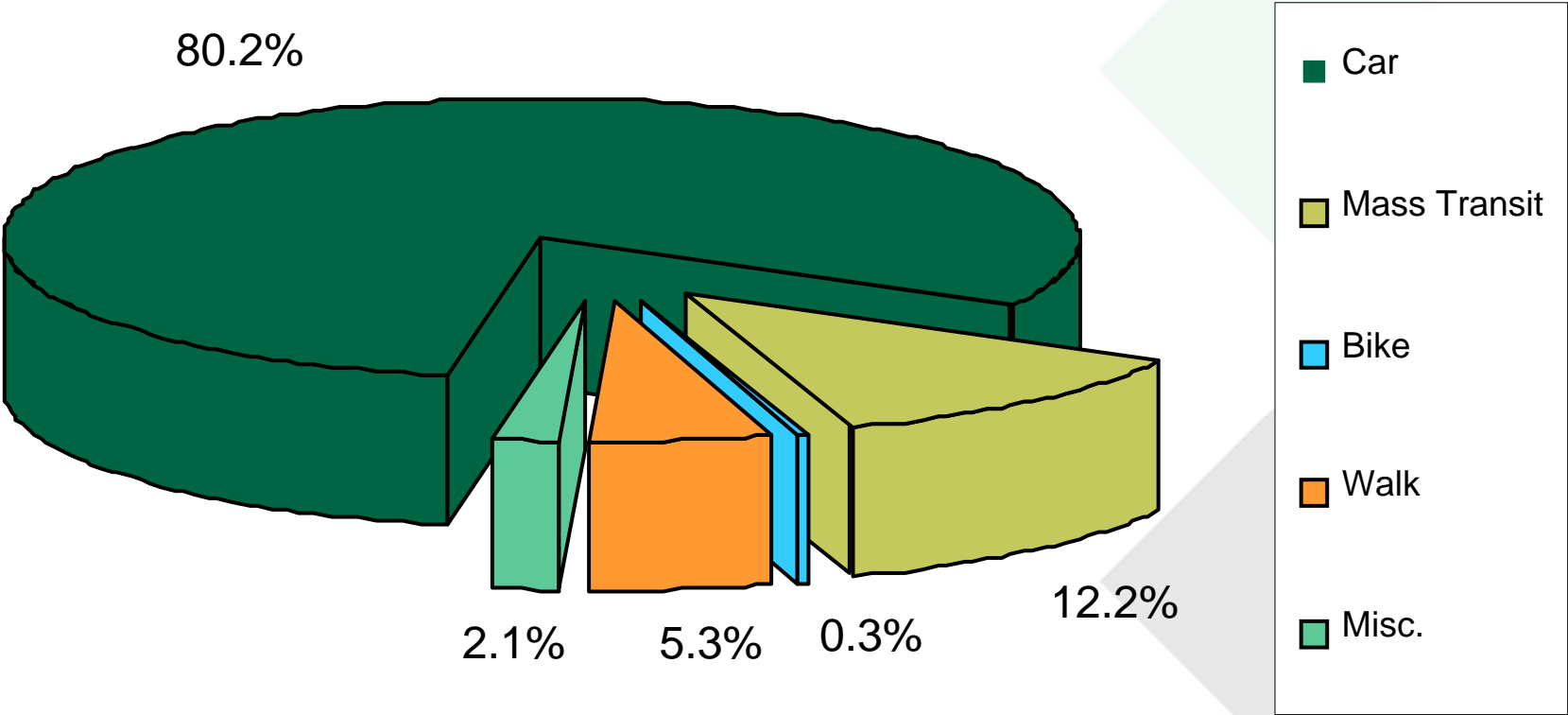
JTW plus table 1-7



JTW – Travel Time and Mode



JTW –Modal Split



Job Types

TABLE 1-8

Type of Industry	Study Area*	Paterson*	Passaic County	New Jersey
Forestry, fishing, hunting, and agriculture	0.0%	0.0%	0.0%	0.1%
Mining	0.0%	0.0%	0.1%	0.0%
Utilities	0.0%	0.0%	0.0%	0.1%
Construction	9.7%	7.8%	11.5%	10.5%
Manufacturing	15.9%	12.0%	7.1%	3.8%
Wholesale trade	10.0%	8.1%	7.2%	6.6%
Retail trade	16.1%	22.1%	16.0%	14.4%
Transportation & warehousing	3.7%	2.8%	2.6%	3.0%
Information	0.5%	1.1%	1.1%	1.7%
Finance & insurance	2.1%	3.4%	4.4%	5.5%
Real estate & rental & leasing	2.2%	2.7%	3.6%	4.0%
Professional, scientific & technical service	3.0%	5.2%	9.7%	13.0%
Management of companies & enterprises	0.2%	1.3%	0.5%	0.6%
Admin, support, waste mgt, remediation service	4.5%	5.1%	5.8%	5.5%
Educational services	0.3%	1.6%	1.0%	1.3%
Health care and social assistance	8.8%	8.7%	10.7%	10.4%
Arts, entertainment & recreation	0.6%	3.2%	1.1%	1.5%
Accommodation & food services	7.9%	6.0%	7.0%	7.8%
Other services (except public administration)	13.6%	8.5%	10.1%	9.8%
Unclassified establishments	0.9%	0.4%	0.4%	0.4%
Total	100.0%	100.0%	100%	100%

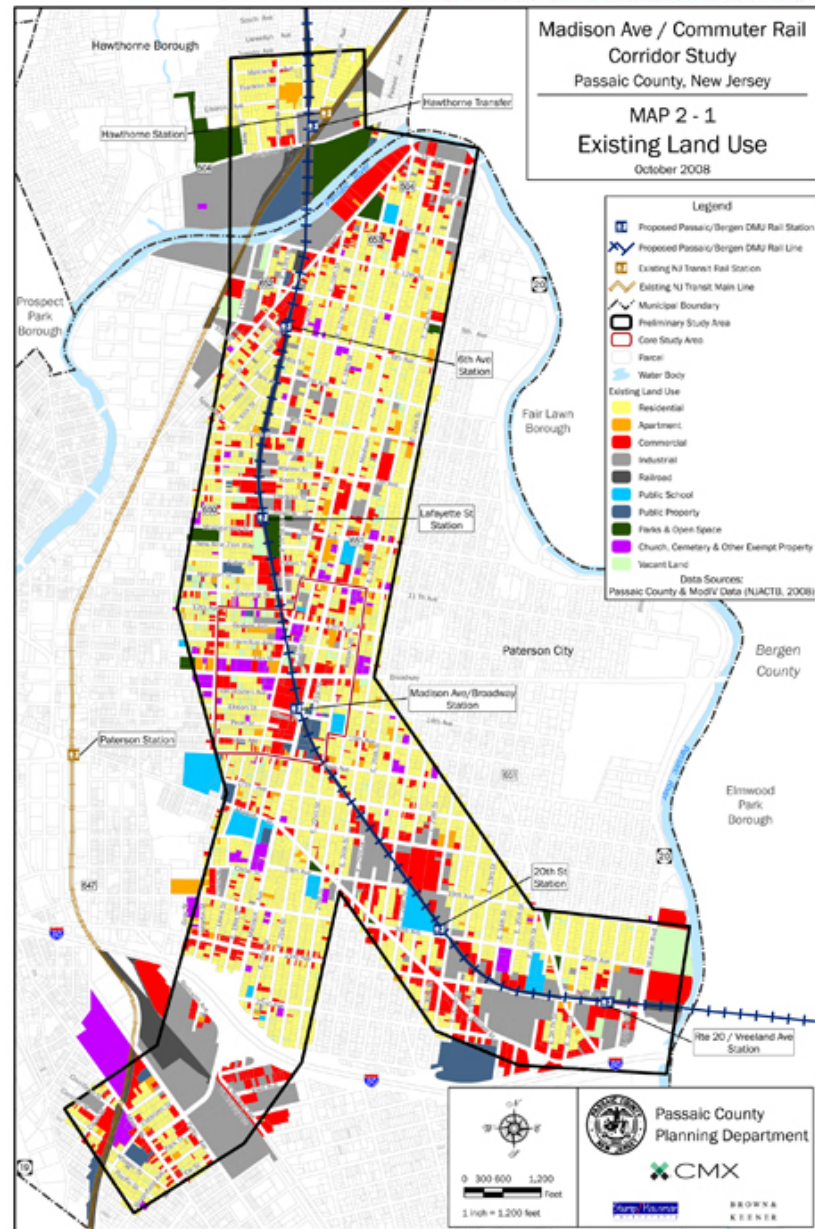
Job Types

TABLE 1-10

Jurisdiction	2000 Employment	2010 Employment	2020 Employment	2030 Employment	2000-2030 Employment Increase
Paterson	43,540	43,680	48,290	53,530	22.9%
Hawthorne	7,910	7,930	8,390	8,750	10.6%
Newark	160,010	161,690	172,910	180,420	12.8%
Trenton*	58,566	59,764	60,802	61,725	5.4%
Passaic County	191,500	192,200	205,100	226,000	18.0%

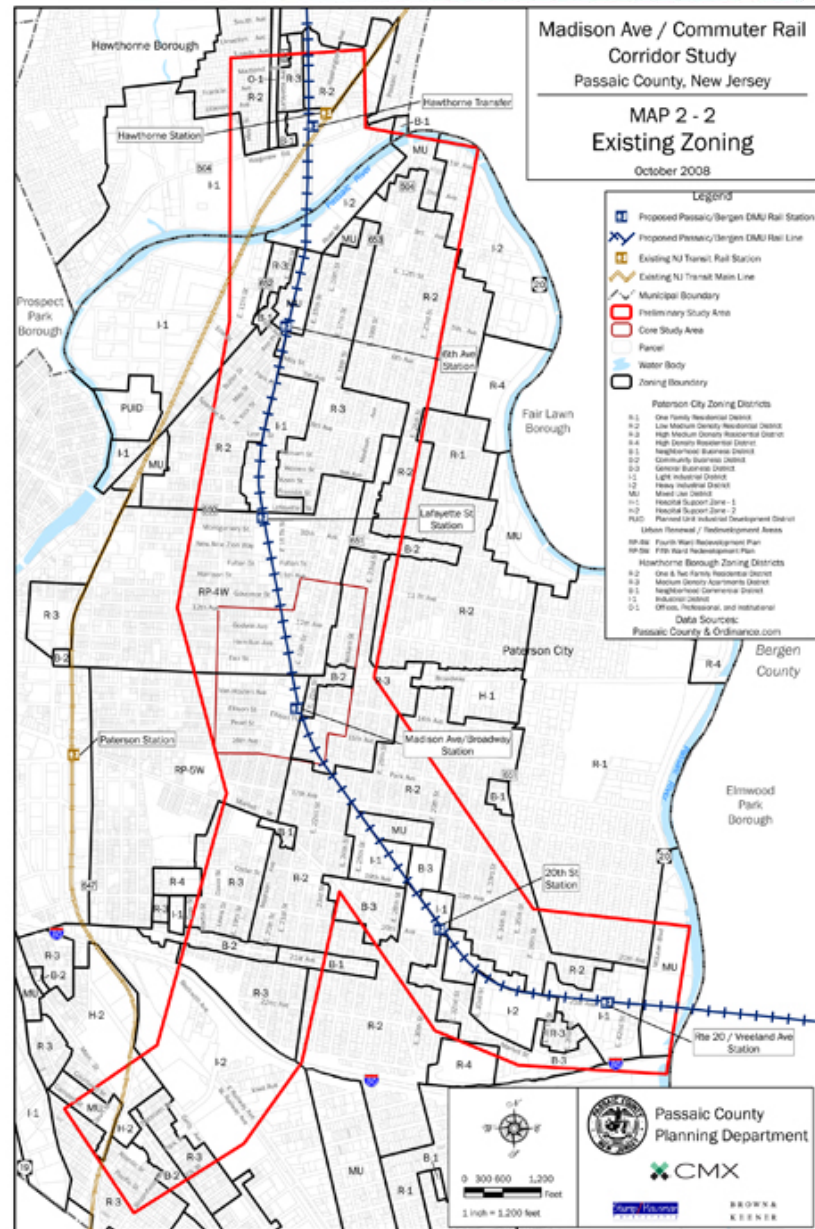
Existing Land Use

MAP 2-1



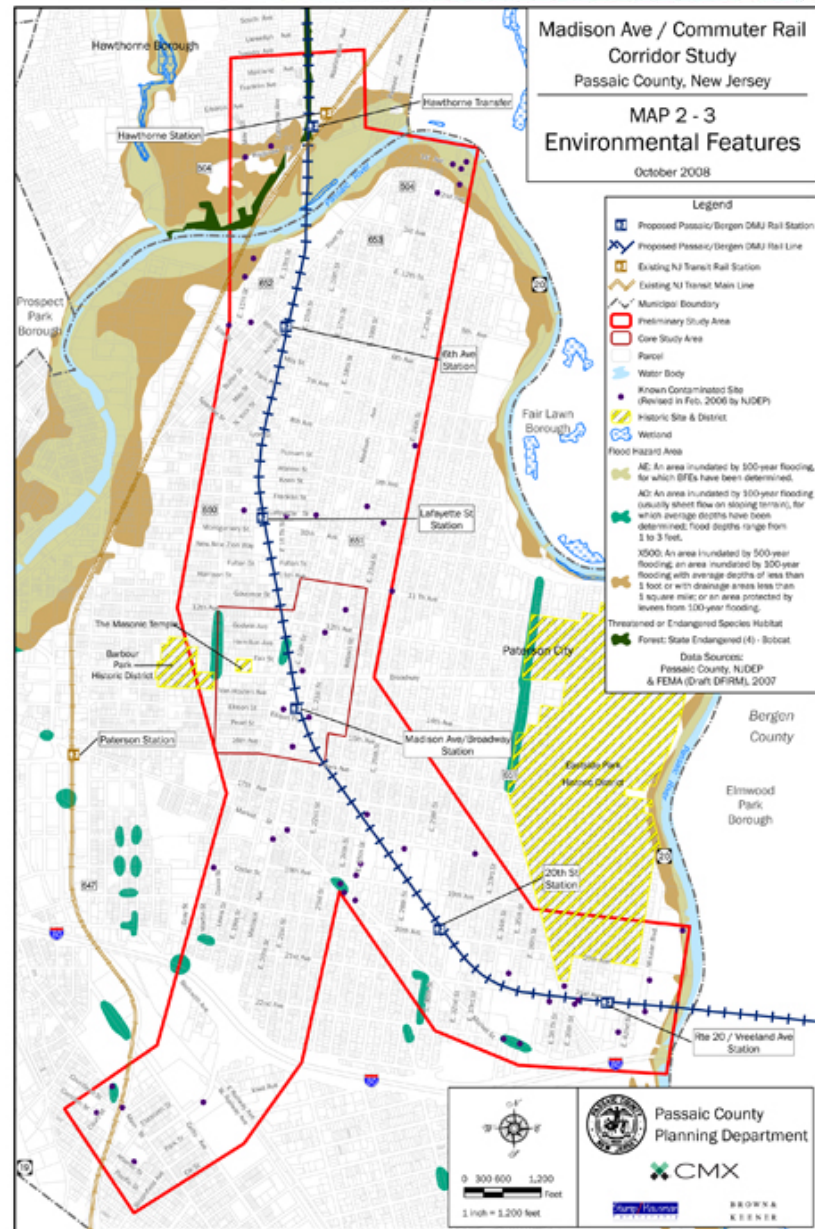
Existing Zoning

MAP 2-2



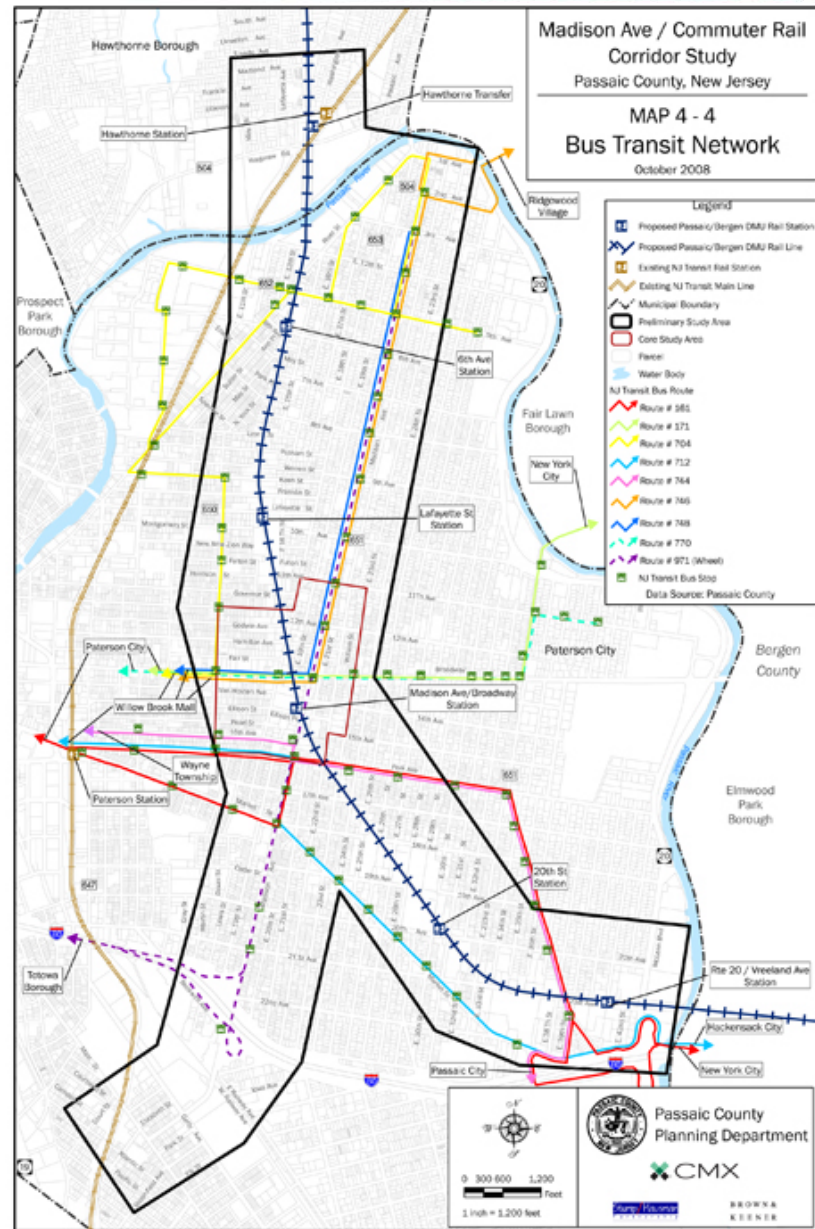
Environmental Features

MAP 2-3



Bus Transit Network

MAP 4-4

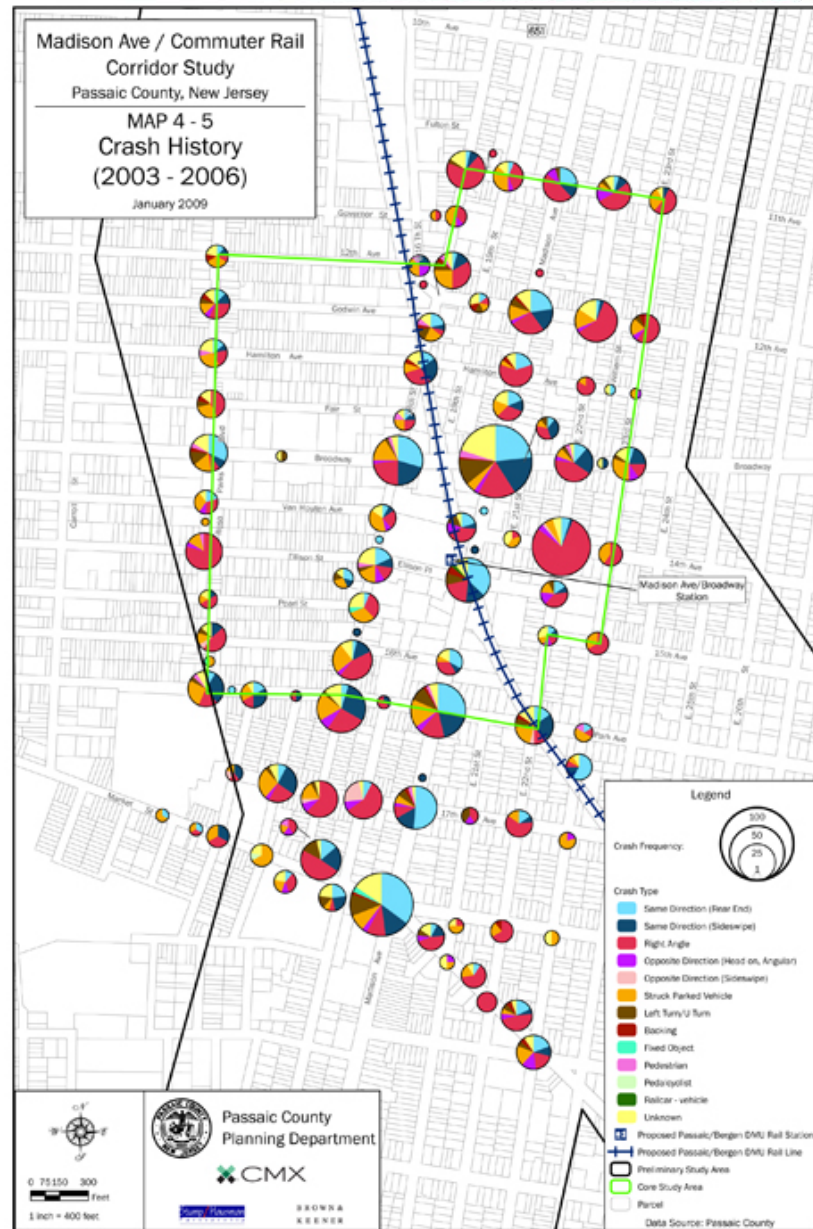


Roadway network – capacity – LOS tables

Roadway network – safety – crash map

Crash History

MAP 4-5



Plausible Causes of Crashes



Plausible Causes of Crashes



Crosswalks



Restriping lanes & crosswalks



Madison Avenue & Ellison Place concept



Visioning



Next Steps

- **Interagency review of preliminary findings**
- **Concepts development**
- **Test mobility enhancement strategies**
- **Draft Report**