

SILVER LANE CORRIDOR STUDY

What is a Corridor Study?

A corridor study is a multi-modal planning process to prepare a master plan for a transportation corridor.

Why Silver Lane?

- Promote orderly growth
- Encourage efficient use of public infrastructure
- Assure there is adequate infrastructure to accommodate growth
- Provide guidelines for roadway improvements that benefit all parties



Silver Lane Study Limits

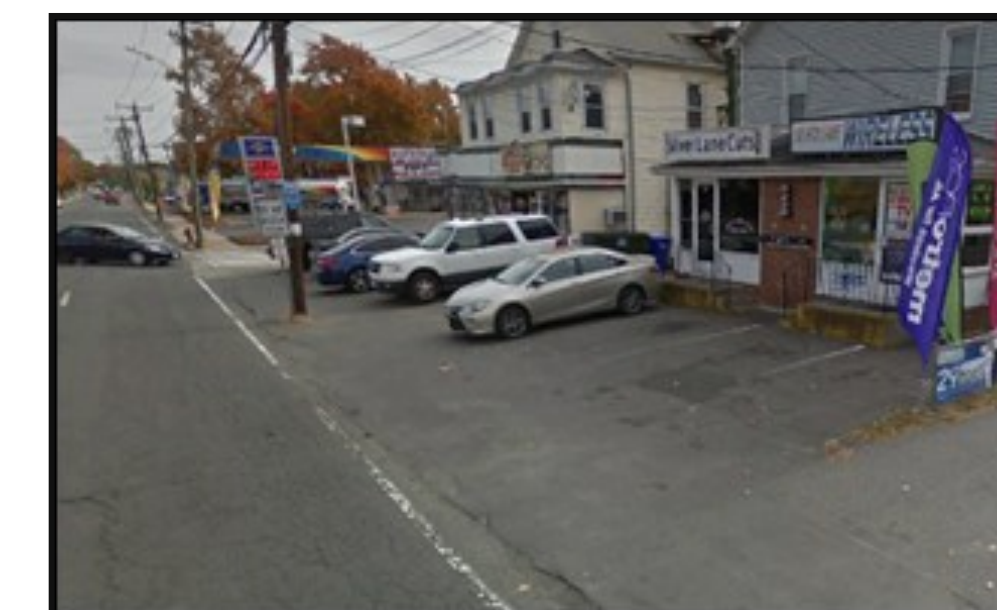
A two mile section of Silver Lane (State Route 502) from the intersection of Route 15 easterly to the intersection of Forbes Street



What is the Study process?

- Data collection (Completed)
- Existing conditions assessment (Completed)
- Future conditions assessment (Completed)
- Identification and analysis of alternatives
- Transportation improvement plan

*This **public meeting** is part of the Study's ongoing public involvement process where you will have the opportunity to meet the team, learn more about the project and provide your input!*



Sample Alternative Concepts

Want to Stay Informed?

Visit our Project Website and Join our Mailing List:

<http://crcog.org/silverlanestudy/>

Visit the Silver Lane Advisory Committee Website:

<https://www.easthartfordct.gov/silver-lane-committee>

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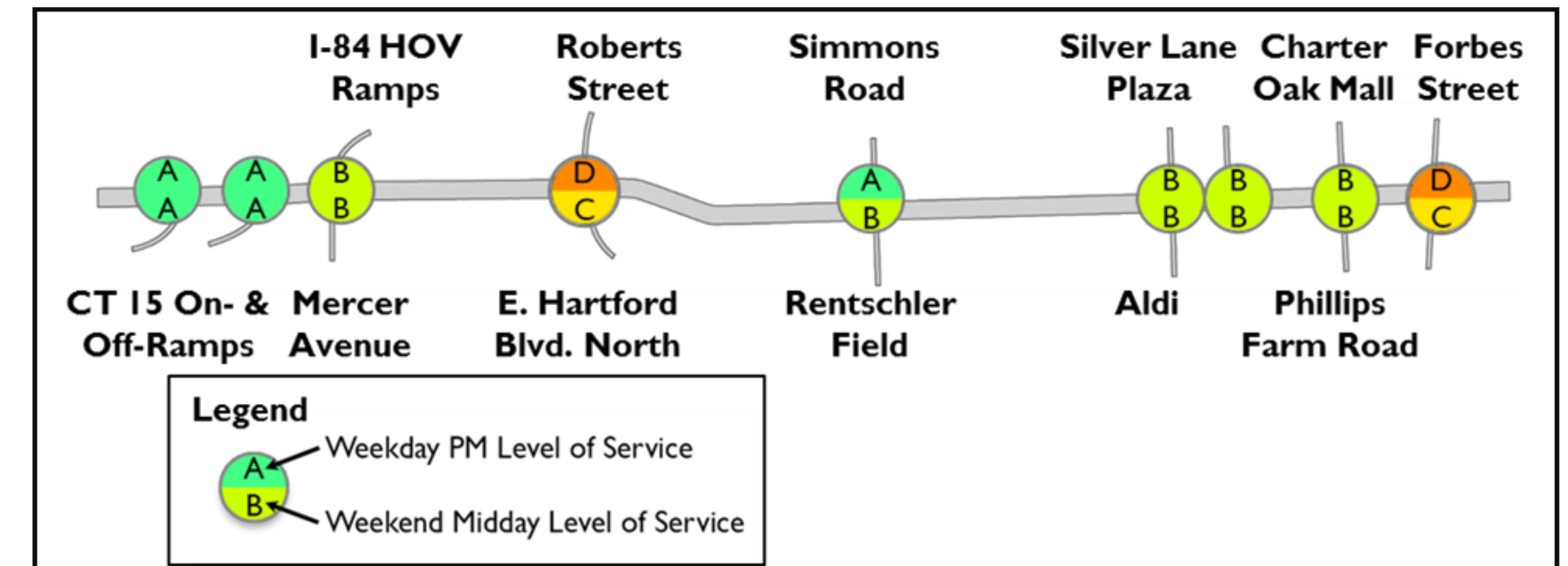
What is an Existing Conditions Assessment?

The project team has researched the corridor as it currently exists such as:

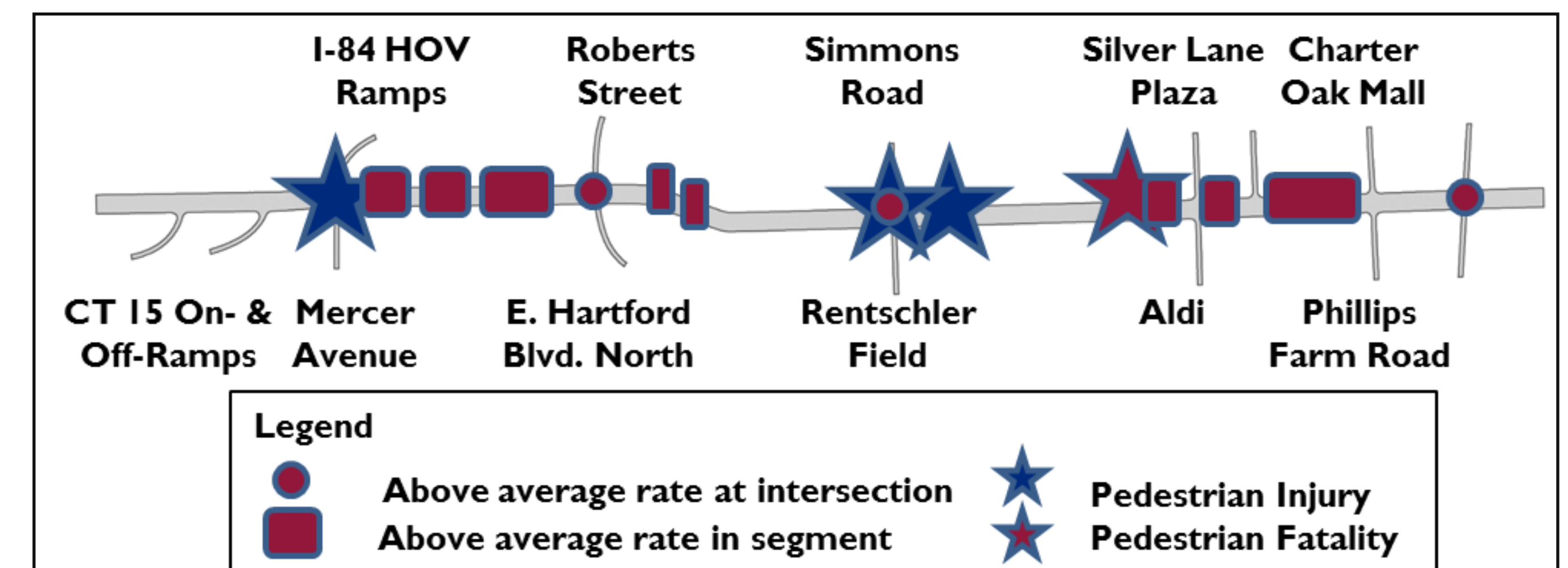
- Traffic speed and operations
- Roadway conditions
- Amount of traffic at peak times of travel
- Bicycle and pedestrian amenities
- Bus operations

What have we found?

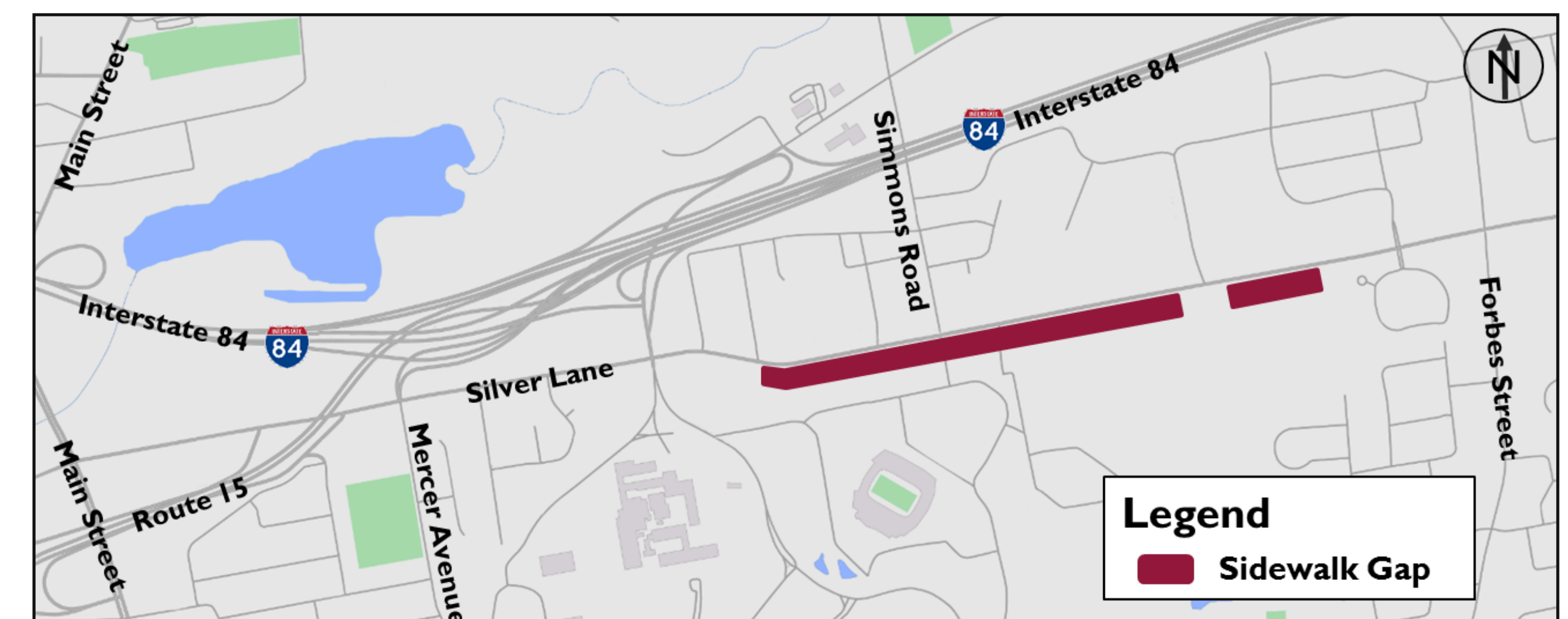
- On a typical day, an automobile traveler on Silver Lane does not experience significant delays
- Several locations experience crash rates higher than the state average, highlighted below right.
 - Approximately 30% of crashes were rear-ends, a common collision type attributed to vehicles following too closely
 - Approximately 30% of crashes involved turning movements, attributed to failure to grant right-of-way and improper turning or passing maneuvers
 - Approximately 20% of crashes involved sideswipes, attributed to improper passing maneuvers or improper lane change.
- There are several large gaps in the sidewalk network and a lack of bicycle facilities and transit amenities throughout the corridor.



Existing Traffic Operations on Silver Lane



Crashes on Silver Lane



Sidewalk Gaps on Silver Lane

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What is a Future Conditions Assessment?

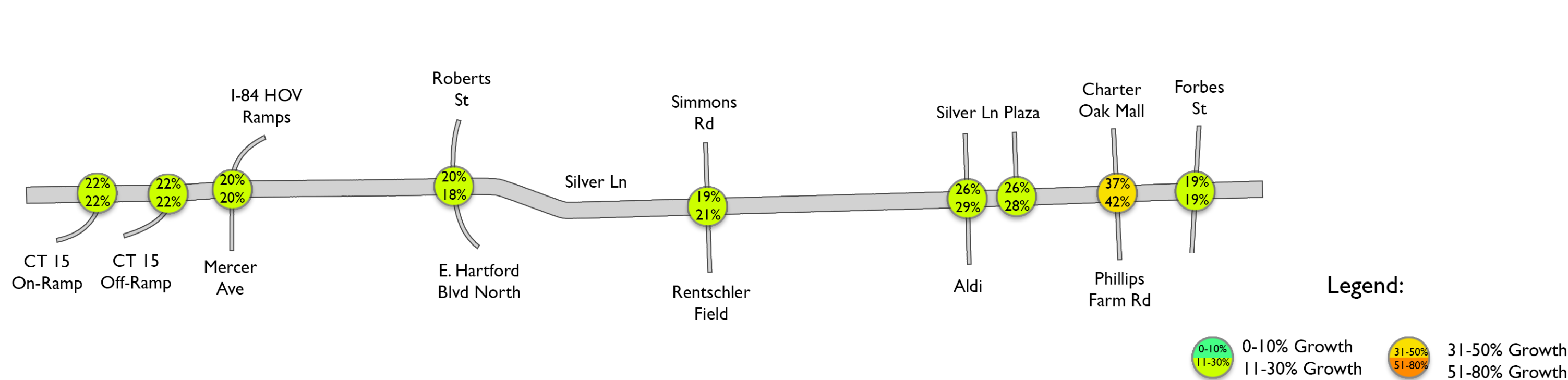
The project team forecasted future (2040) traffic conditions by:

- Identifying likely and proposed developments and traffic they will generate
- Projecting future traffic volumes
- Assessing future traffic operations

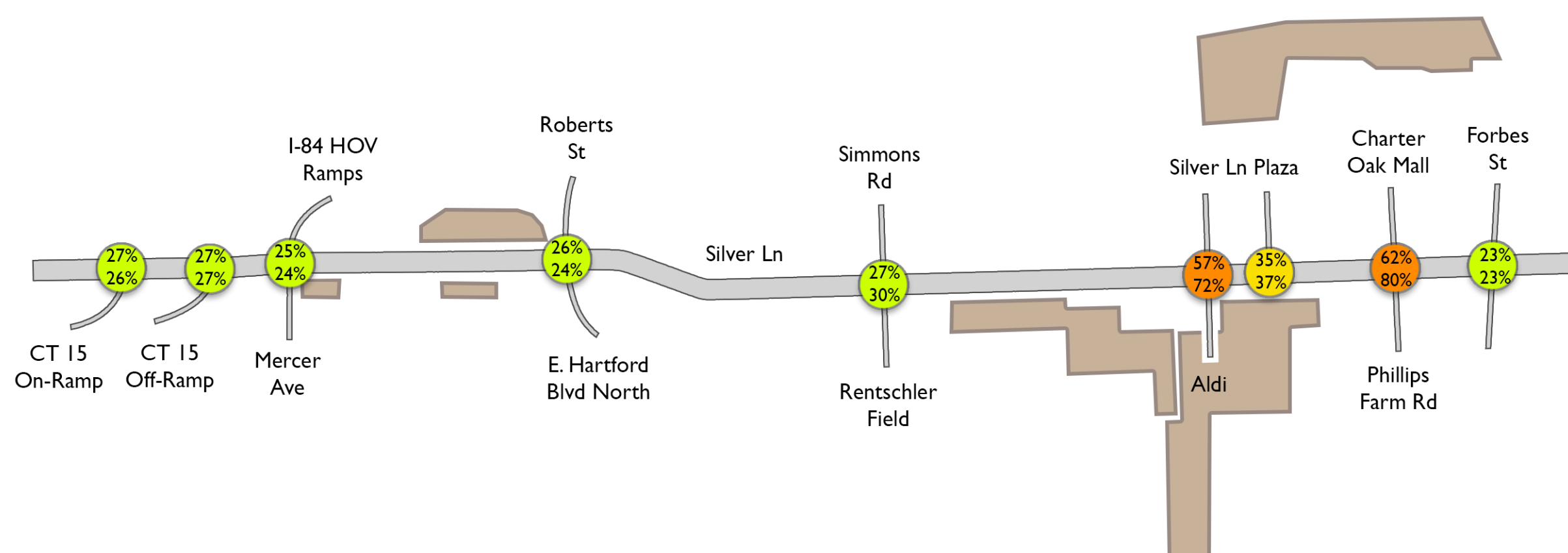
Base vs Build Forecasts?

- Base includes only known developments that would likely occur without the study
- Build includes development recommended as part of the study process
- Generally, growth is 20—30% with more adjacent to development sites

Future Traffic Growth



Future Base Traffic Growth



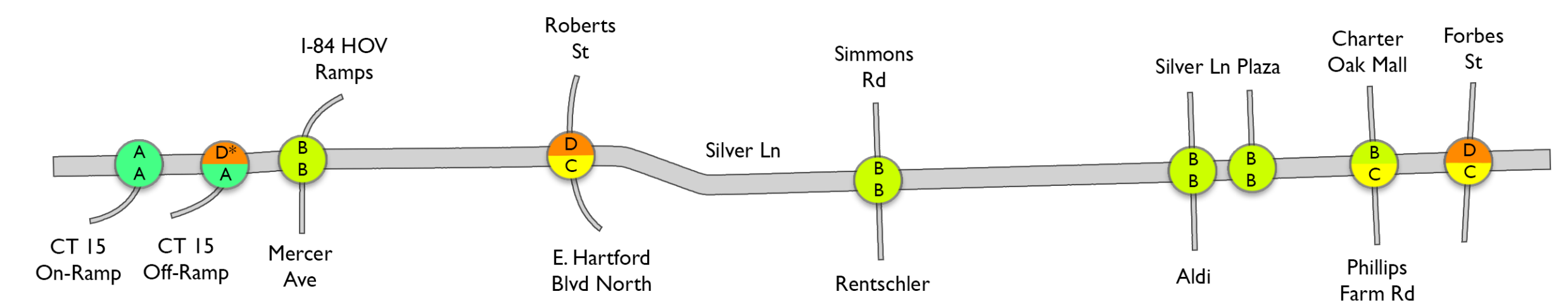
Future Build Traffic Growth

Why do a Future Operational Assessment?

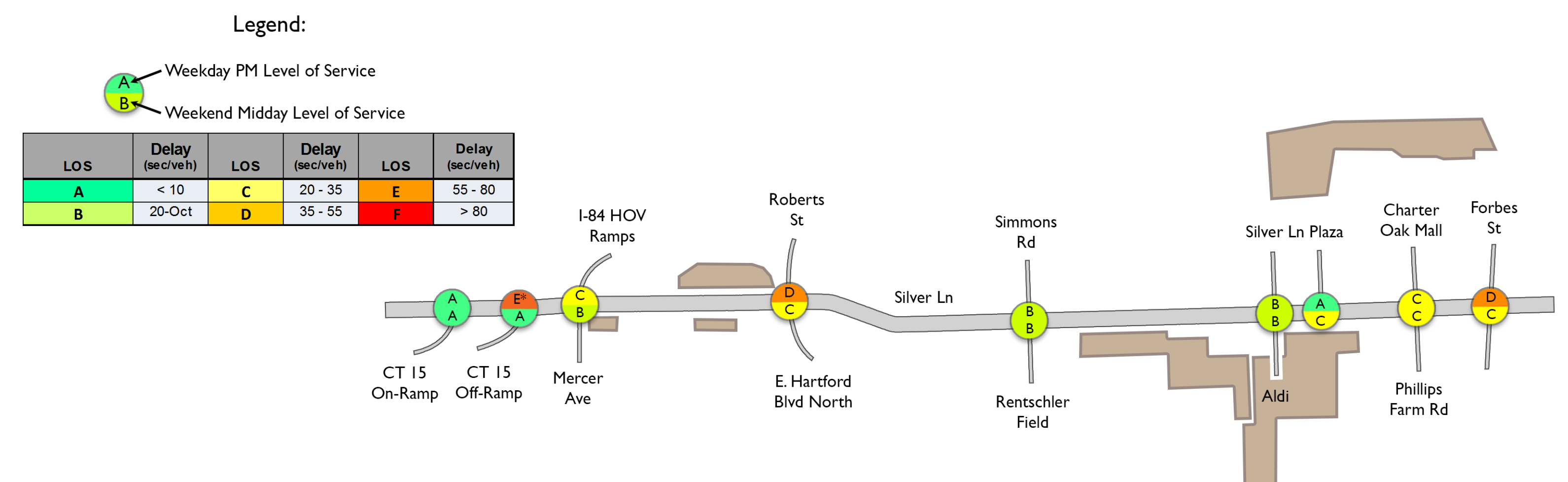
- Test future volumes on existing roadway geometry
- Help determine future operational needs
- Accounts for re-timing of signals to optimize performance

Future Operational Results

- Generally acceptable roadway operations
- Exception: CT 15 Off-ramp during AM peak hour
 - Potential Mitigation: Traffic signal or roundabout
- Tested 'road diet' with one through lane (more in presentation!)



Future Base Traffic Operations on Silver Lane



Future Build Traffic Operations on Silver Lane

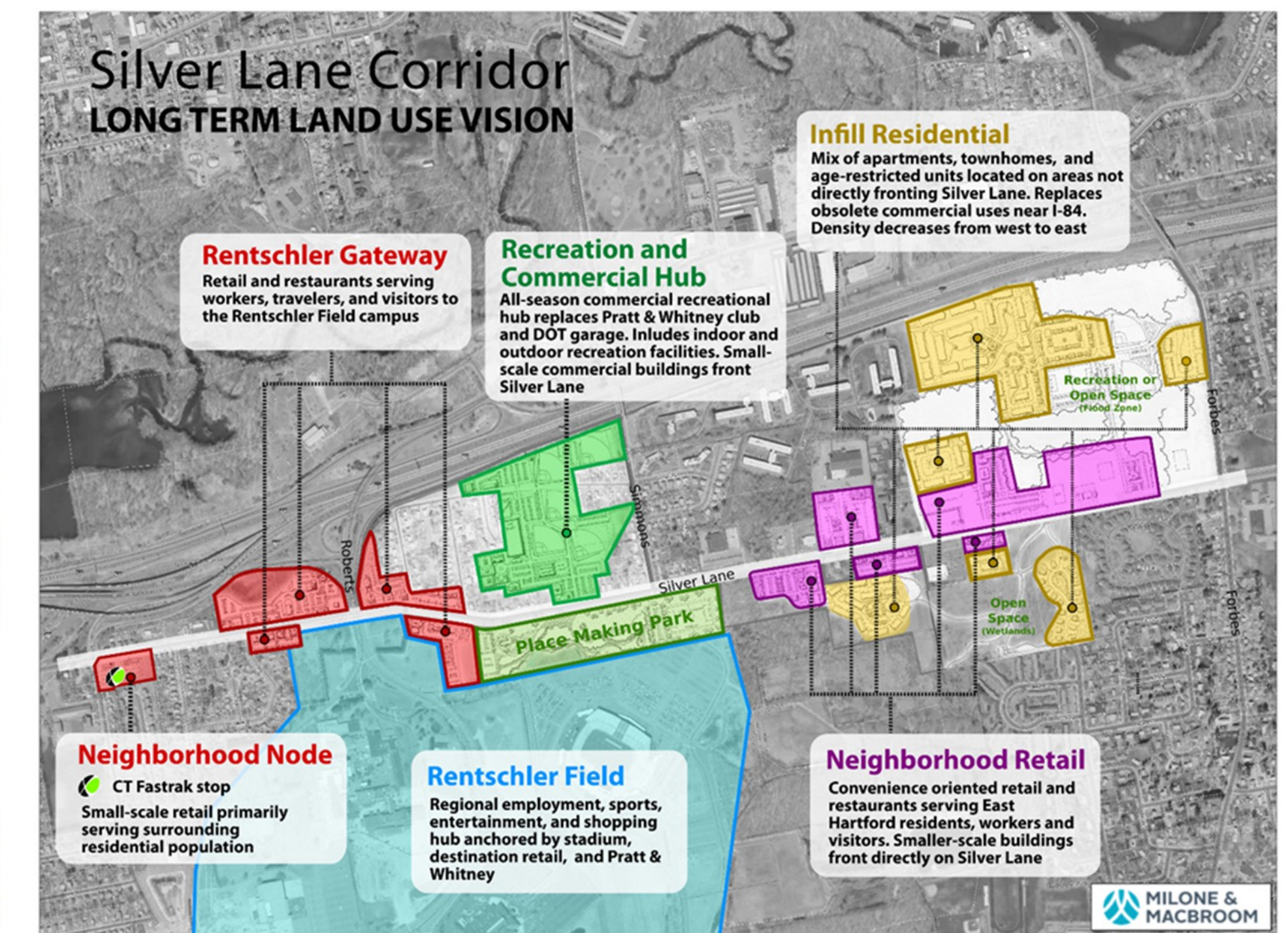
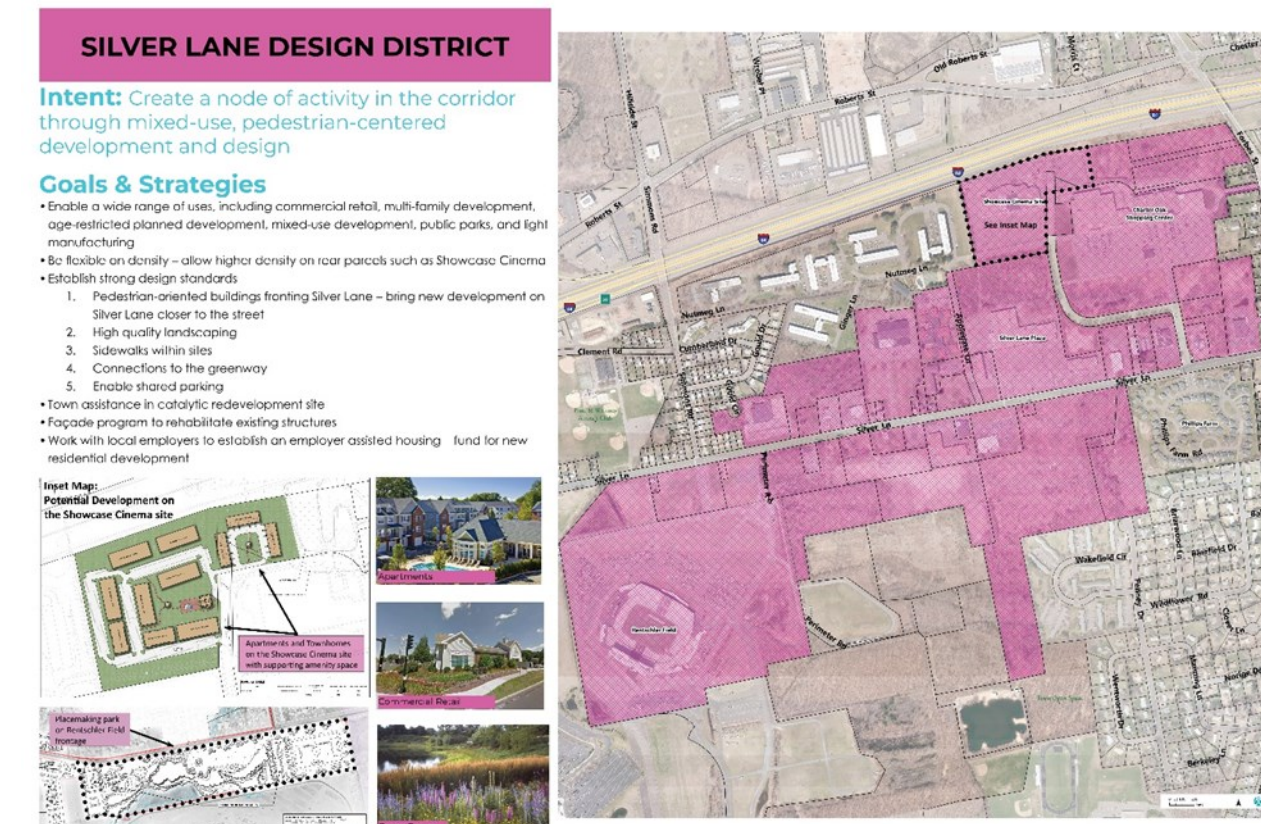
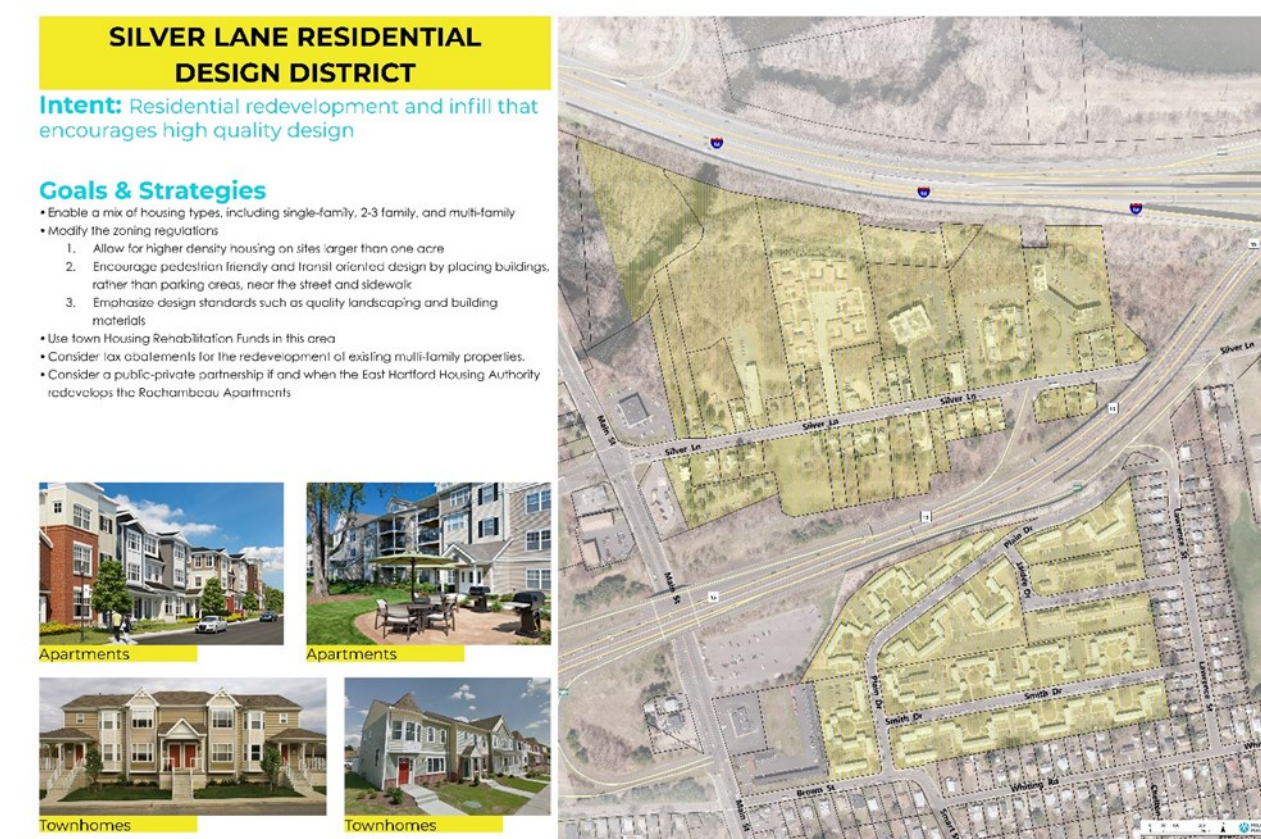
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Goals of Land Use Study:

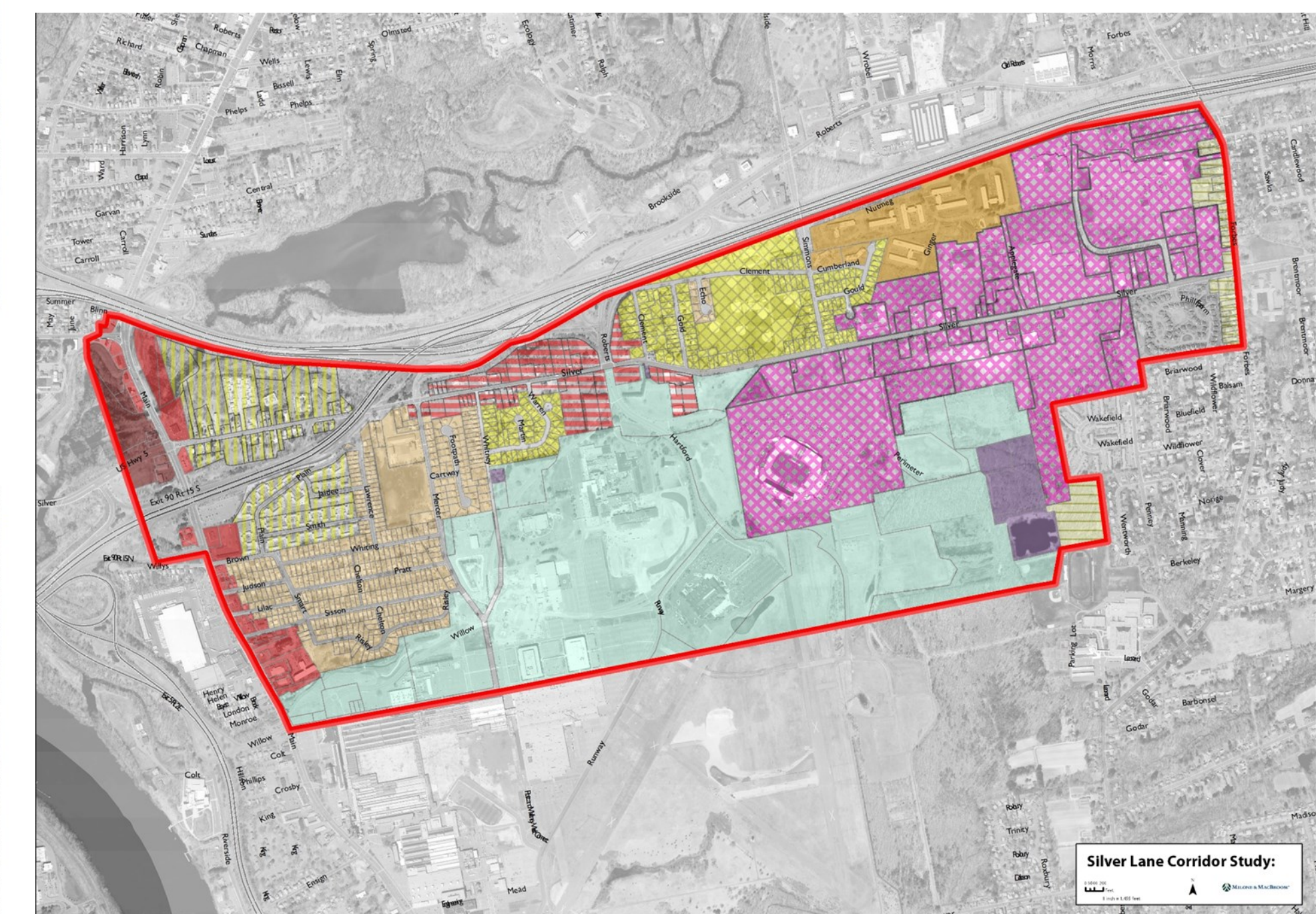
- Improve transportation system and infrastructure
- Enhance visual appeal of the Corridor
- Increase residential development
- Reposition obsolete land uses
- Increase commercial or mixed-use development
- Improve livability and quality of life

Objectives and Strategies:

- Zoning Revisions with Design Standards and Incentives
- Blight Enforcement
- Building Public-Private Partnerships for Redevelopment, Infill and/ or Rehab of Existing Development, and Other Corridor Initiatives
- Public Realm Improvement Programs
- Support Existing Neighborhoods – Working Cities Challenge Implementation and Other Initiatives
- Enhance Transit Service in the Corridor
- Catalyze Redevelopment of a Significant Opportunity Site Through Public Investment
- Target and Market to Prospective Developers
- Strengthen Relationships With and Among Existing Businesses in the Corridor



Silver Lane Long Range Land Use Vision



Conceptual New Zoning for Silver Lane

Vision for the Corridor:

Silver Lane is East Hartford's premiere live, work, learn, play neighborhood. The corridor offers a diversity of well-paying jobs and housing opportunities; a robust network of transit and recreational opportunities; easy connections to Downtown Hartford; and serves as a regional shopping, sports and entertainment destination.