

# Route 116 Corridor Study Hinesburg



Public Meeting  
September 24, 2013

# Study Team

- **Chittenden County Regional Planning Commission:** Lead Agency
- **Town of Hinesburg:** Advisory Committee
  - **Andrea Morgante**
  - **Tyler Billingsley**
  - **Schuyler Jackson**
  - **Rolf Kielman**
  - **Frank Koss**
  - **Dennis Place**
  - **John Roos**
  - **Cathy Ryan**
  - **Rob Bast**
  - **Alex Weinhagen**
- **Vermont Agency of Transportation:** Stakeholder
- **DuBois & King:** Consultants

# What is a corridor study?

- **Comprehensive** -- not just the right of way
  - Land use/Zoning
  - Economic Development
  - Safety
  - Traffic
  - Bicycles
  - Pedestrians
  - Community Character
  - Environmental Resources
- **Proactive** – avoid future problems through planning.
- **Visionary** – responds to what the community wants to see in the future.
- **Collaborative** – involves a variety of stakeholders and interests.

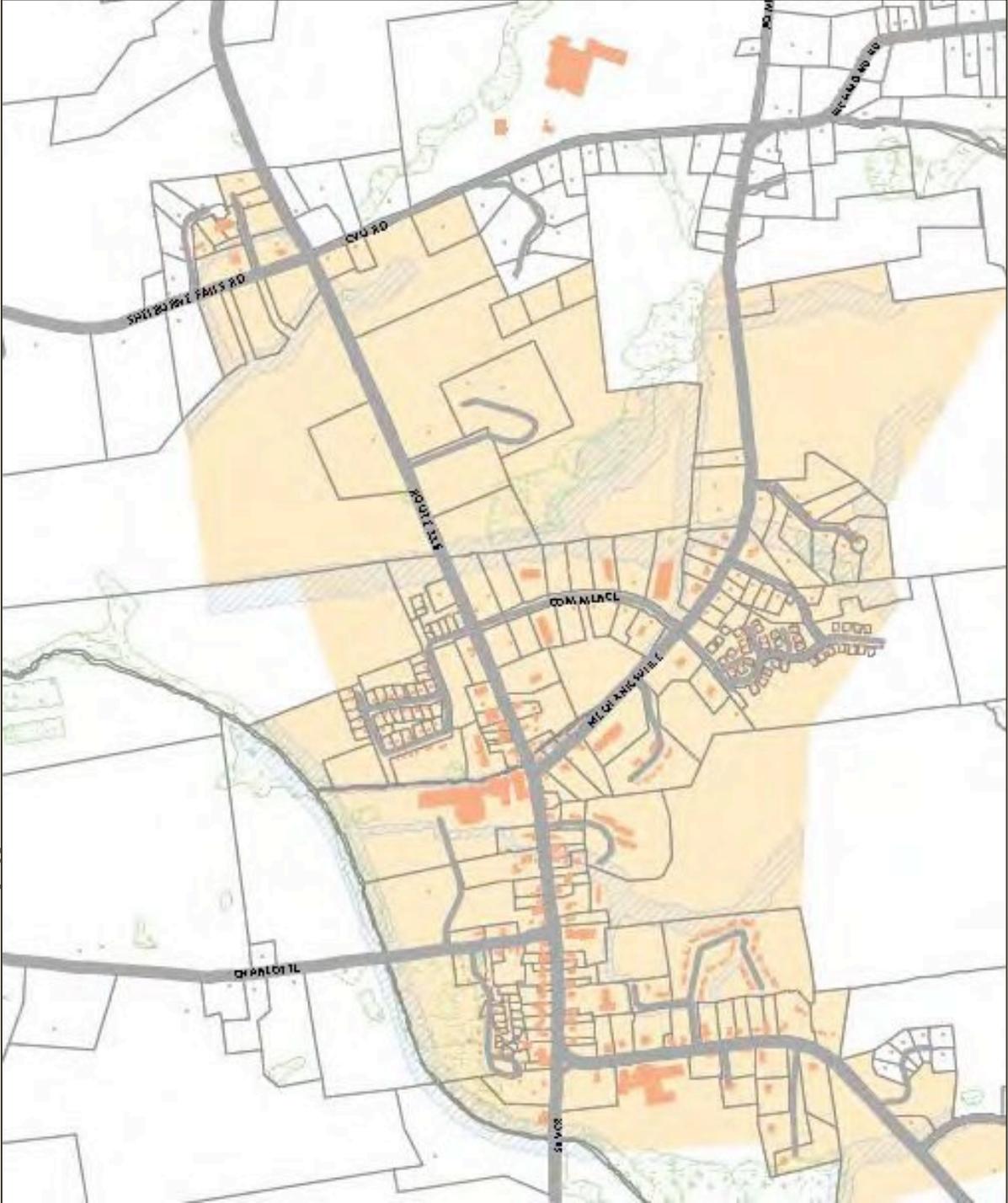
# 2004 Study

- **Summarize key recommendations and outcomes**
  - **Signal at Charlotte Rd**
  - **Improvements at Silver Street**
  - **Sidewalks to school and Riggs Road**
  - **Access Management**

# Project Schedule

<b>Month</b>	<b>Activities</b>
<b>July-August</b>	Steering Committee Meeting, Data Collection
<b>September</b>	Public Meeting to gauge concerns and gather ideas
<b>October</b>	Develop Strategies to consider
<b>November</b>	Public Meeting to Review strategies and gather input
<b>December</b>	Refine strategies and develop recommendations
<b>January</b>	Present final recommendations and report

When



# Best Practices/Success Stories

- **Conway**, New Hampshire: Street Grid
- **Hamburg**, New York: Complete Streets/Streetscape
- **Middleburg**, Virginia: Rural highway Traffic Calming
- **St. Albans**, Vermont: Land use and development standards for walkability



# The Conway Daily Sun

## THE ROAD WELL-TRAVELED: NORTH-SOUTH ROAD TURNS

# 10



Published Date: Friday, 31 August 2012 18:53

CONWAY — There are no medical studies to back it up, but one could pretty safely speculate that everyone's blood pressure readings have gone down dramatically in the decade since North-South Road was opened in August 2002.

# Widen Main St.? Community Had Other Ideas, and Thrived



Brendan Bannon for The New York Times

U.S. 62, which is Main Street in Hamburg, N.Y., was rebuilt to slow traffic and aid pedestrians. The changes have inspired business investment and civic activity.

# Clarkstown, NY Streetscape



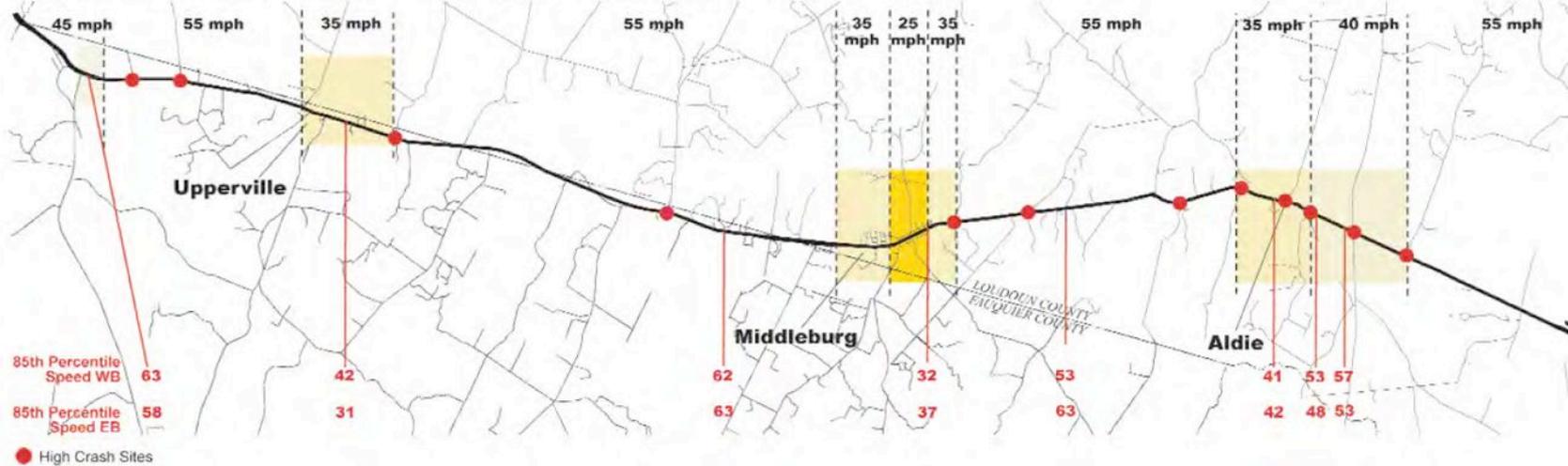
Before Construction: Inadequate sidewalks and obtrusive overhead wires dominate the street.



After Construction: Overhead wires are set back behind other streetscape amenities.

# Route 50, Loudoun County, VA

## 85TH PERCENTILE TRAVEL SPEED AND HIGH CRASH SITES



Saint Germain

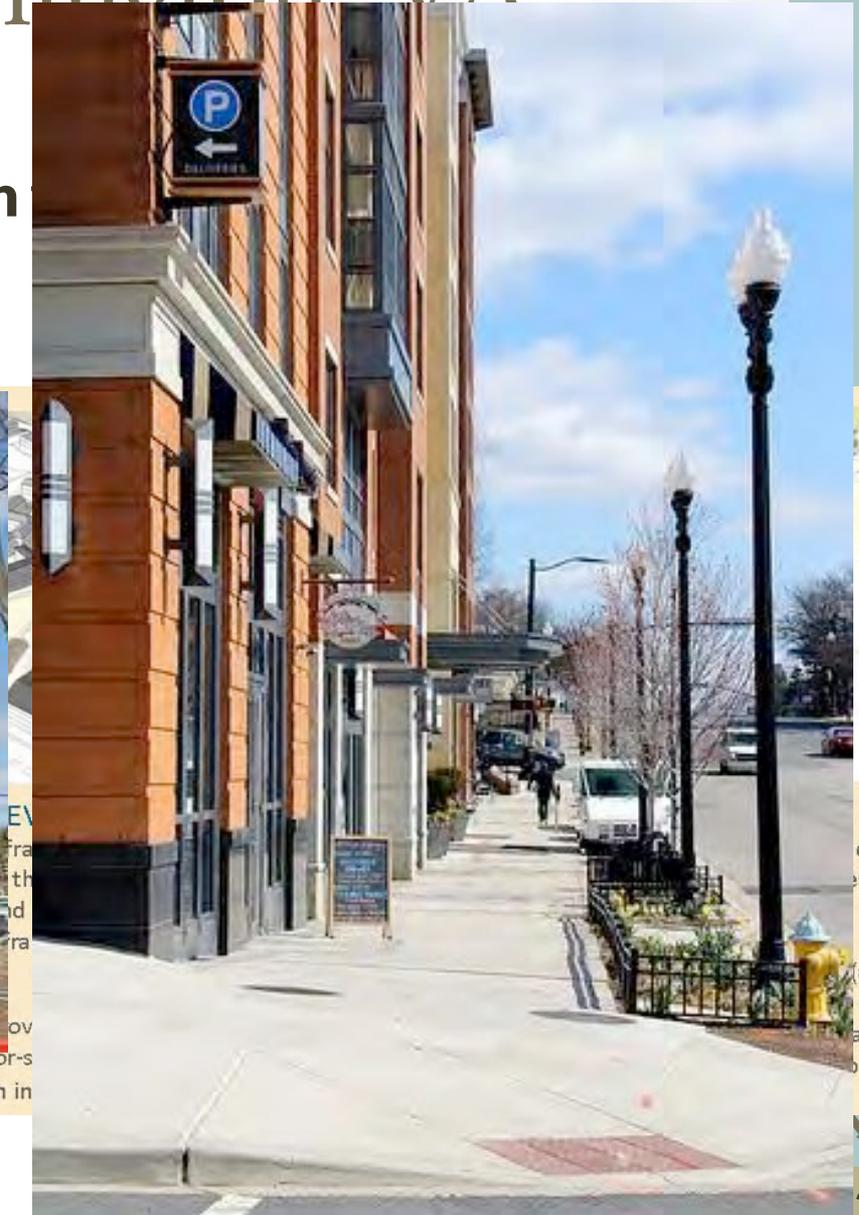


# Columbia Pike, Arlington, VA

- **Urban Design Plan** focused on



(including the addition of for-s  
vides a significant reduction in



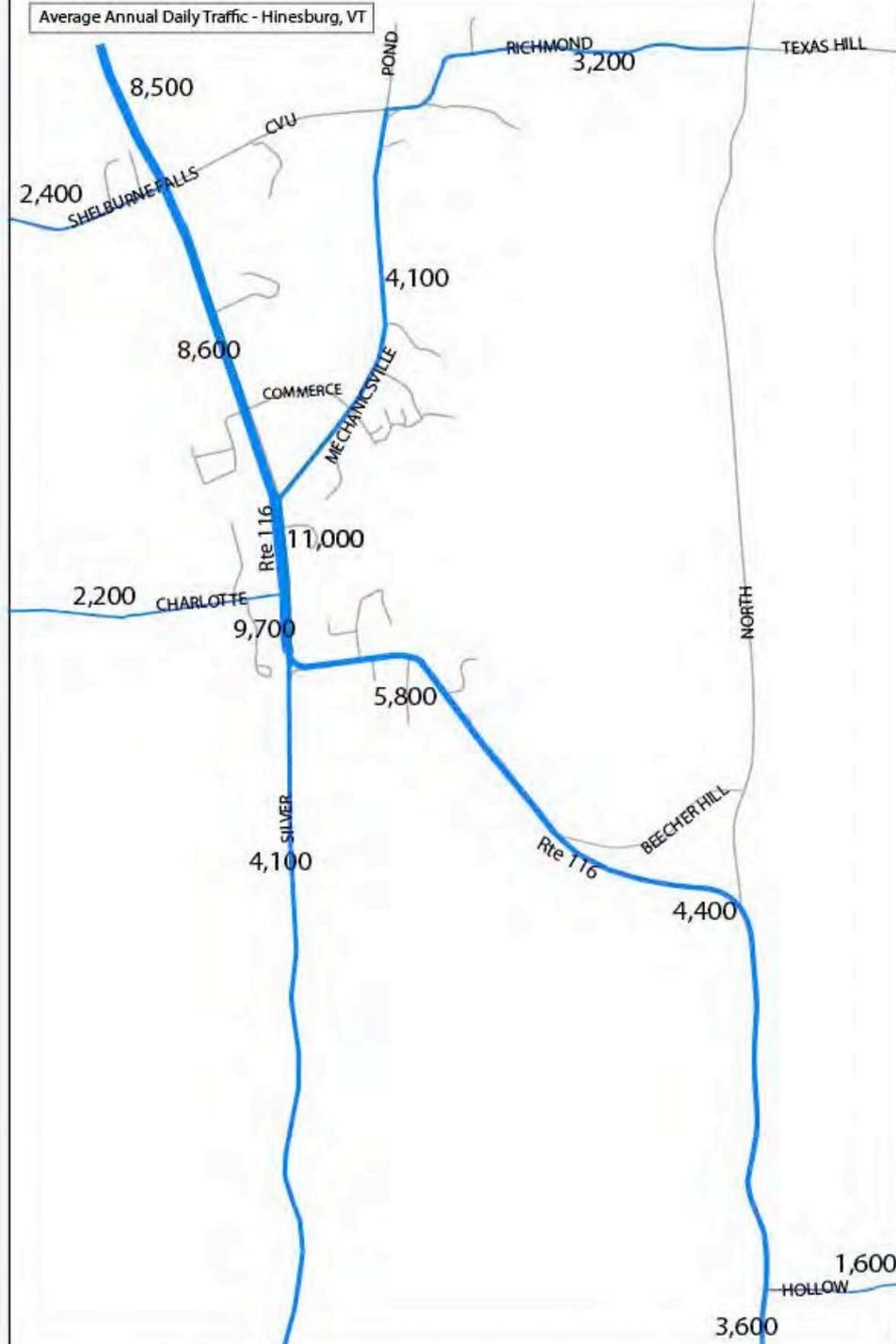
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# Existing Conditions

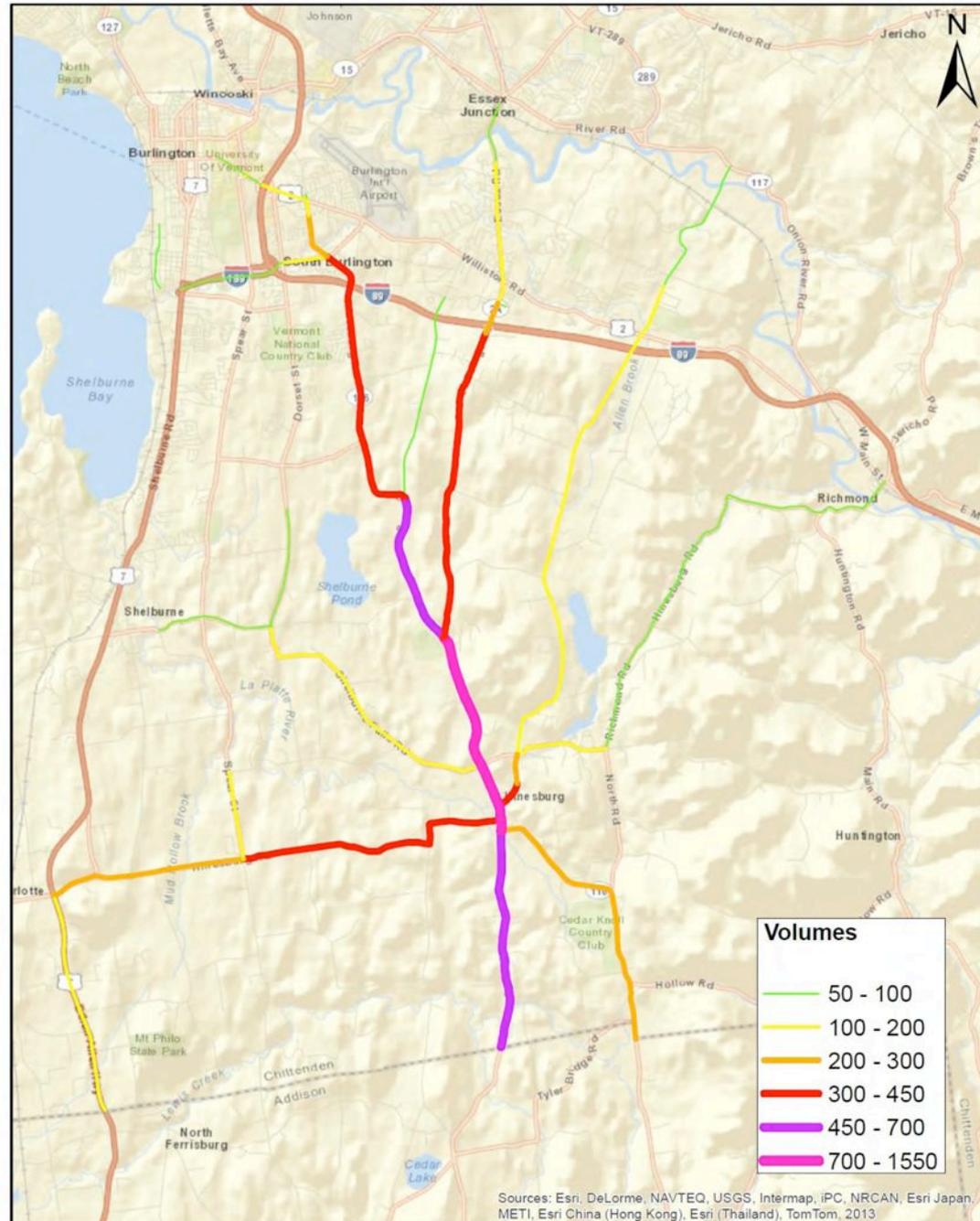
- **Transportation**
- **Safety**
- **Stormwater**
- **Land uses**

Average

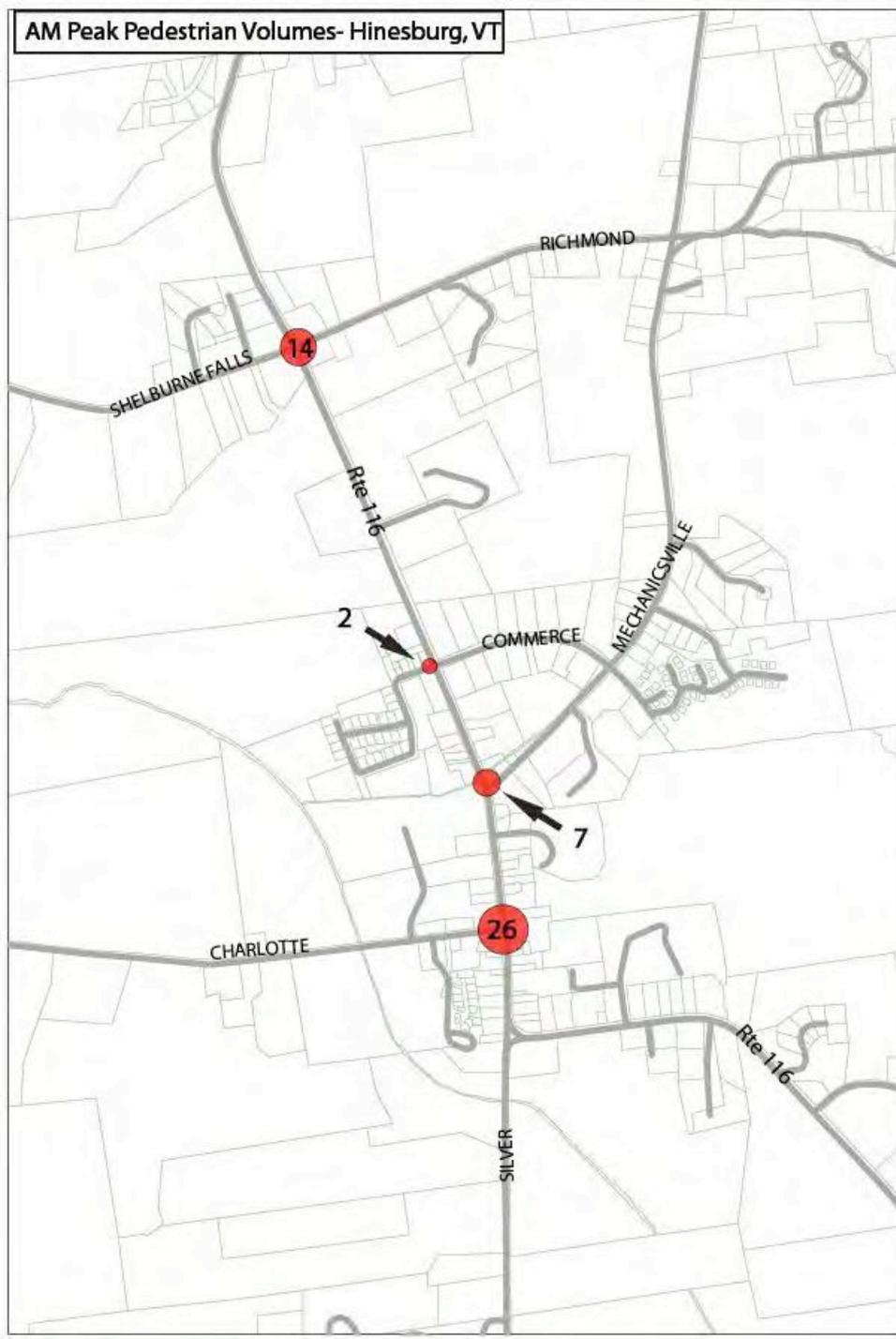


# Hinesburg VT116 PM Peak Traffic Distribution

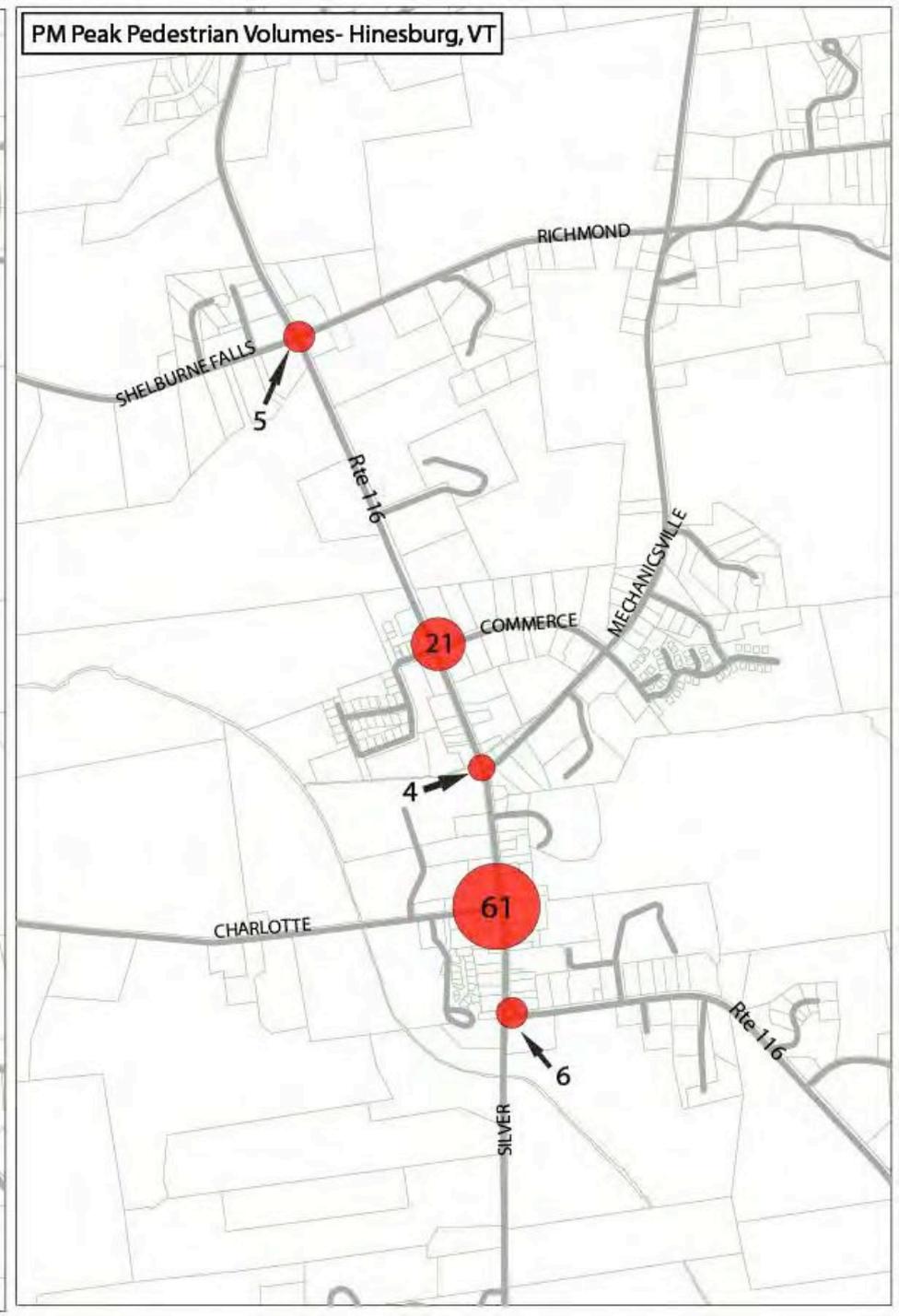
## Regional Traffic Patterns



AM Peak Pedestrian Volumes- Hinesburg, VT



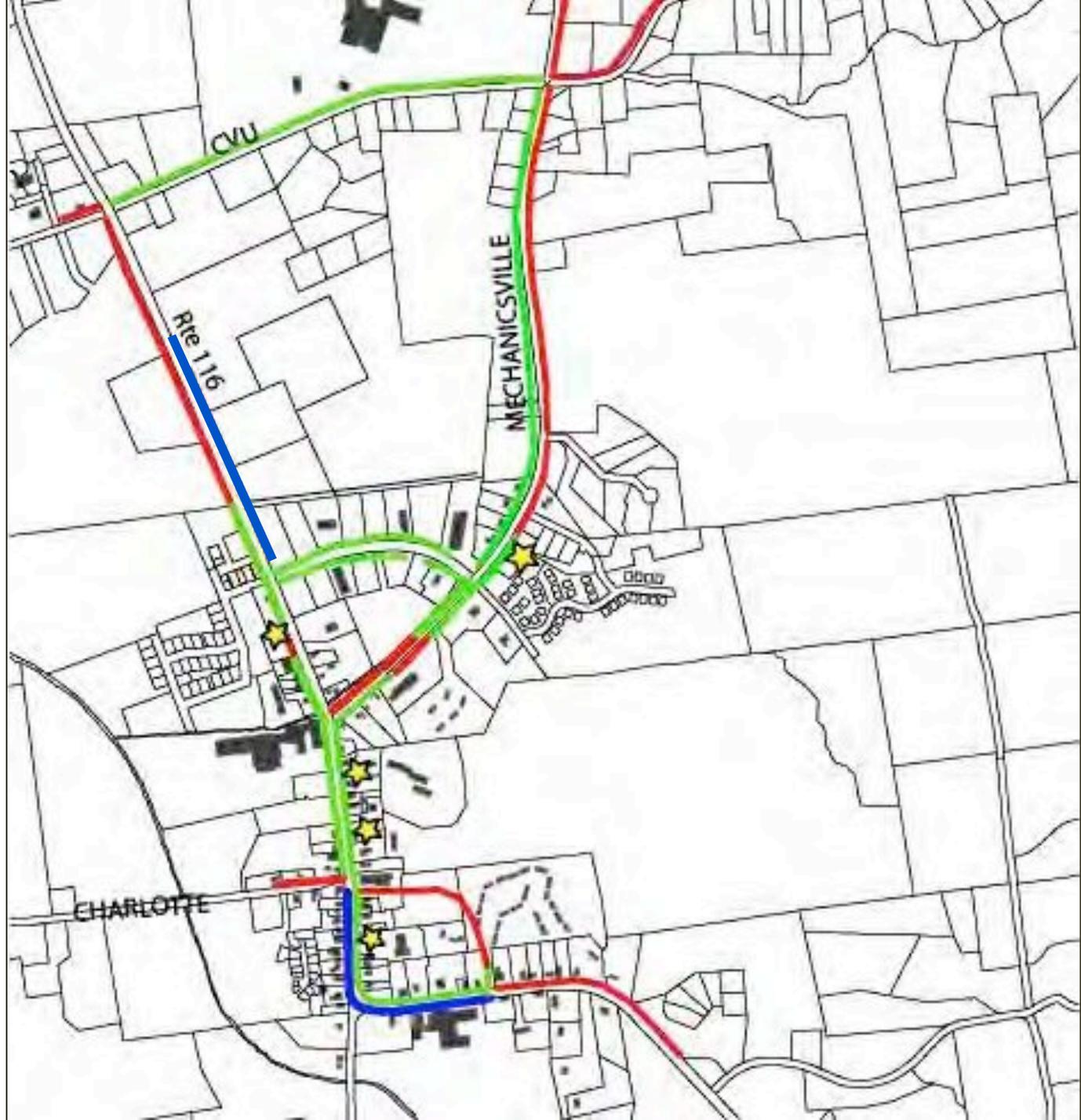
PM Peak Pedestrian Volumes- Hinesburg, VT



# Ongoing and Planned Projects

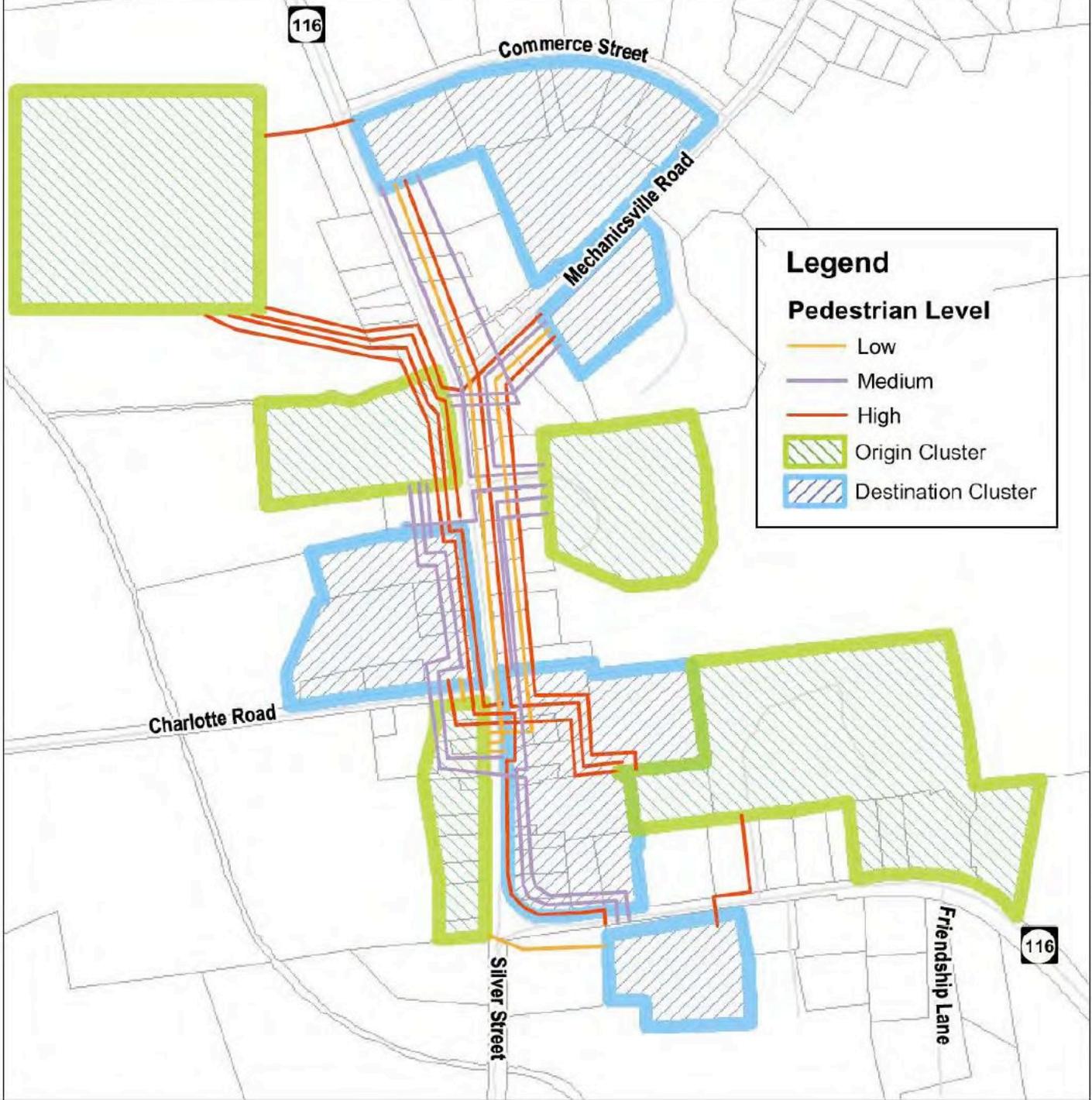
- **Resurfacing Plans:** When complete, the road will have a typical cross section with 11 foot travel lanes, and shoulders ranging from 4 to 6 feet, and wider in locations with parallel parking. (Summer 2013)
- **Sidewalk projects:**
  - Safe Routes to School project is funded
  - Sidewalk extension to Riggs Road/NRG
- **Route 116/CVU Rd Intersection.** Left turning lanes will be added on each approach and a new signal.
- **Hannaford Supermarket.** Changes to Route 116 and local streets are proposed in conjunction with the construction of the Hannaford supermarket on Commerce St.

# Sidewalk Network









**Legend**

**Pedestrian Level**

- Low
- Medium
- High
- Origin Cluster
- Destination Cluster

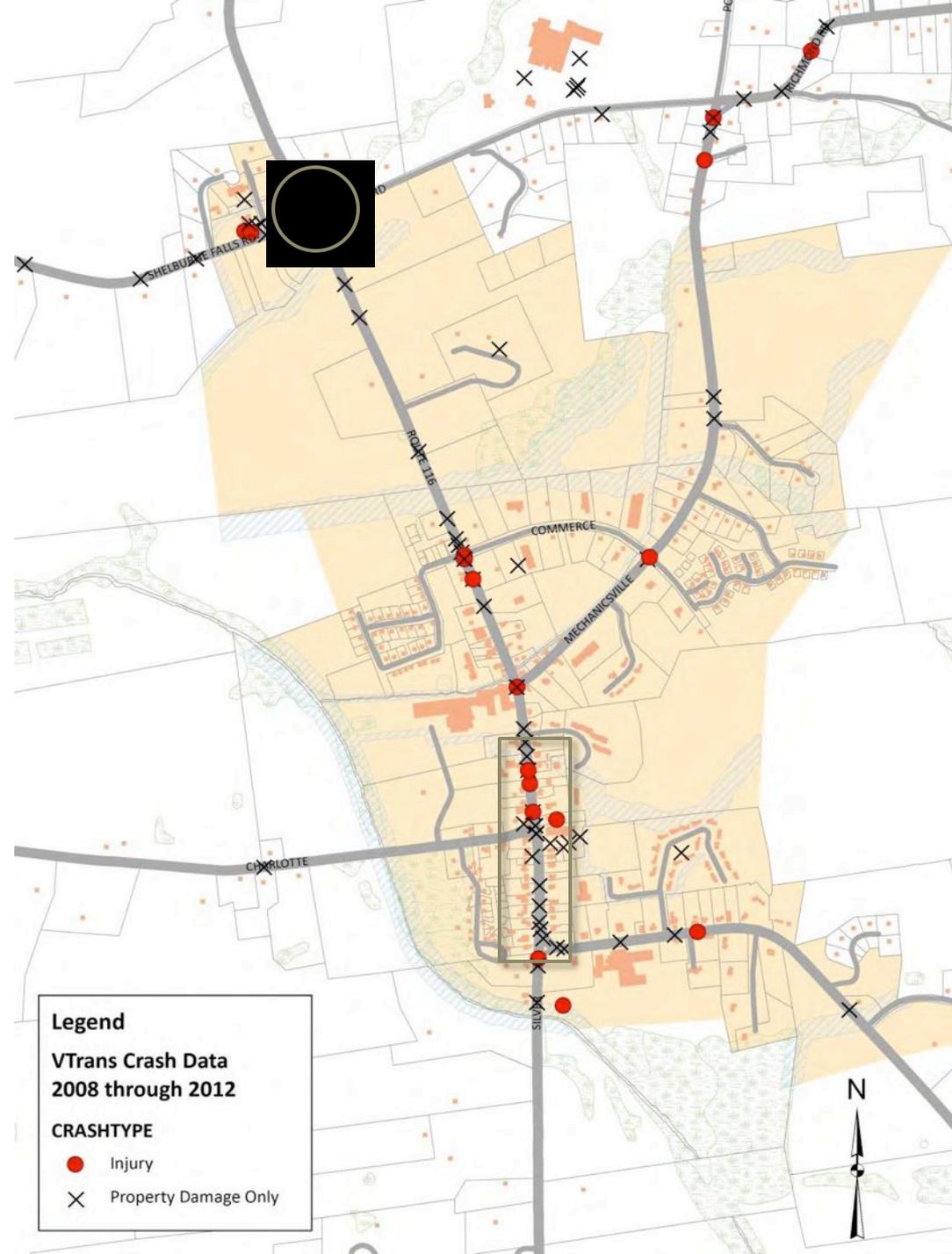
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# Safety

- **High Crash Locations**

- CVU Road Intersection
- Route 116 North of Silver Street

*Both have seen or will see changes to address safety*



# Silver Street



# Intersection Level of Service

Signalized	LOS	Delay	V/C
VT 116/CVU/Shelburne Falls	B	19	0.81
VT 116/Commerce Street	B	19	0.70
VT 116/Charlotte Rd/Lantman's	F	174	0.98

Unsignalized	Side Street LOS		
Mechanicsville Road	F		
Silver Street	D		

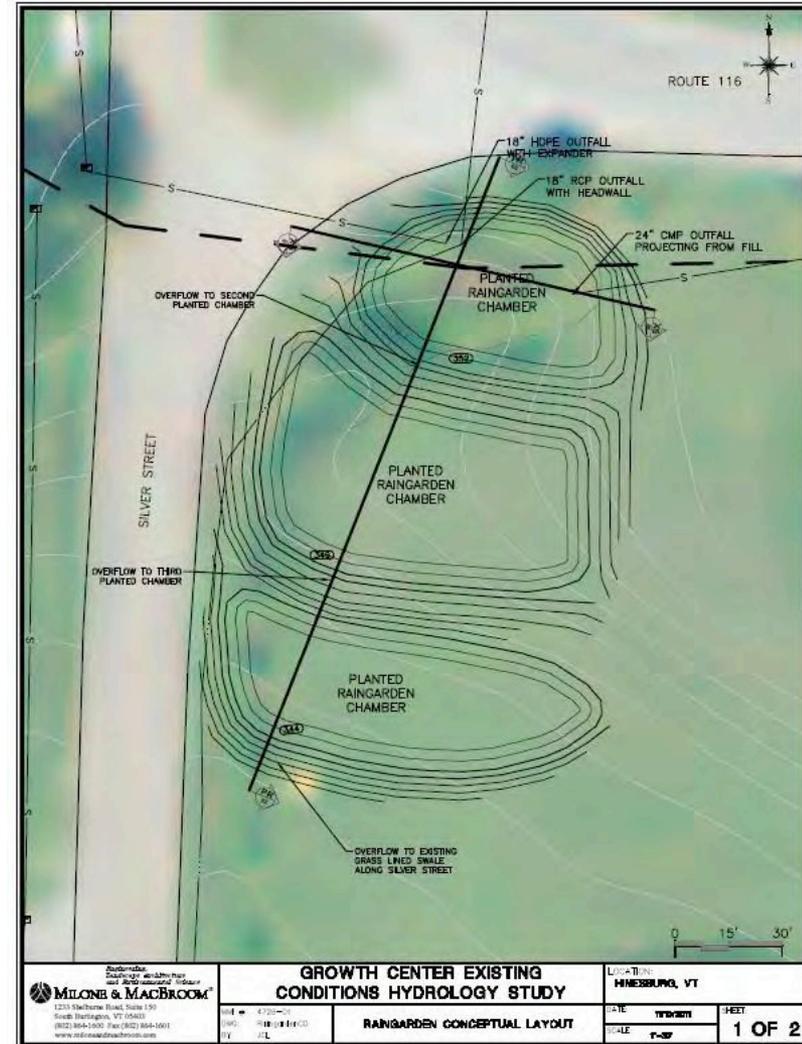
# Charlotte Road/Route 116

- **Critical Bottleneck in the Corridor**
- **Inefficiencies due to:**
  - Split signal phasing
  - Left turns into Lantman's

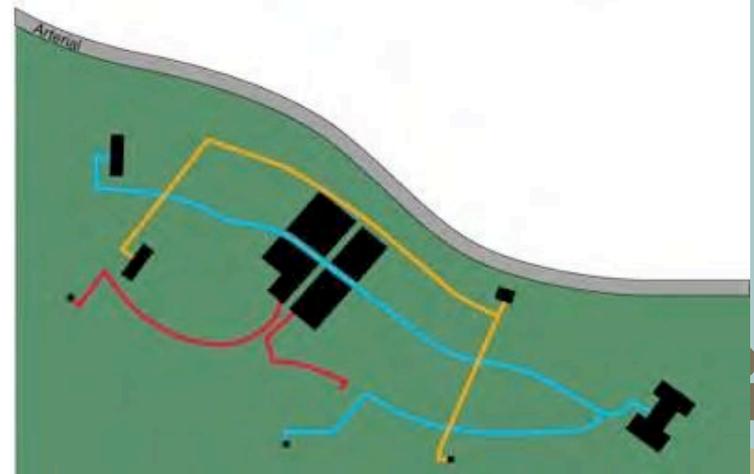
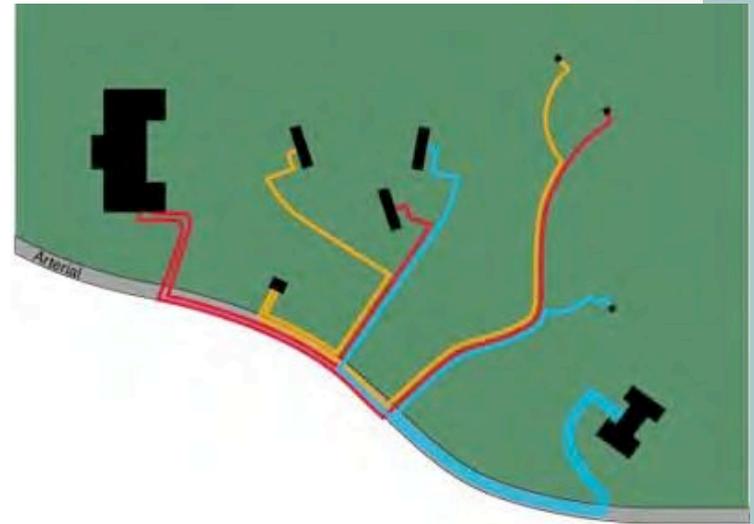
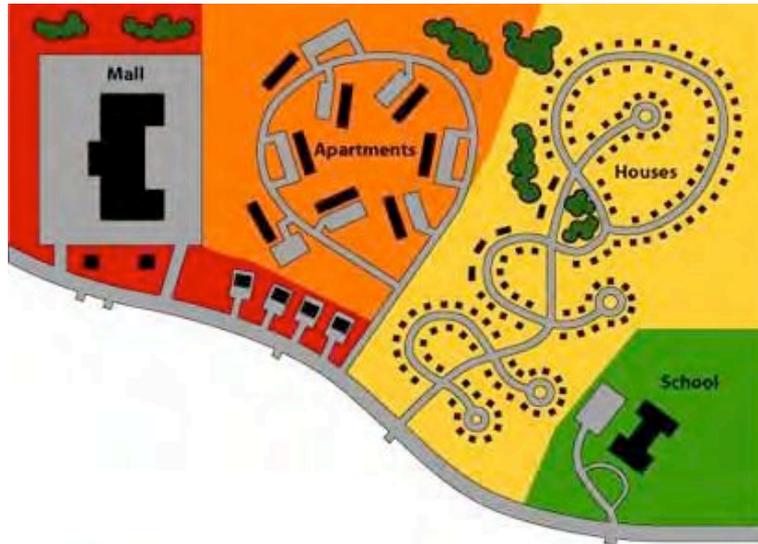


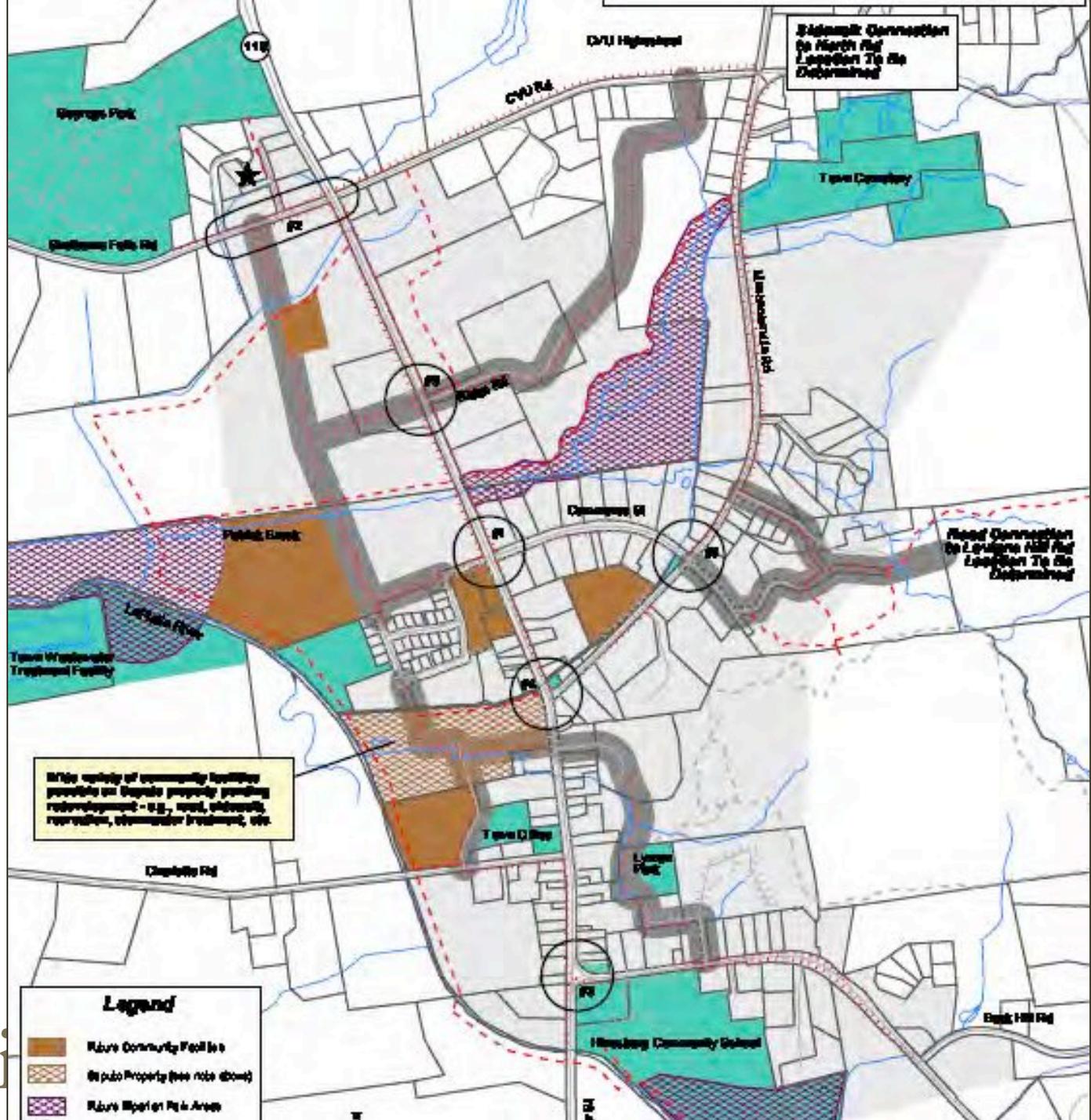
# Stormwater

- **Village hydrology is susceptible to increases in paved area and runoff**
- **Key recommendations**
  - Stormwater Utility to plan system for growth area
  - Rain garden at Silver St-Route 116 intersection
  - Low Impact Development Standards



# Land Use/Transportation Connection





Signal Connection to North Rd Location To Be Determined

Road Connection to East 100 Rd Location To Be Determined

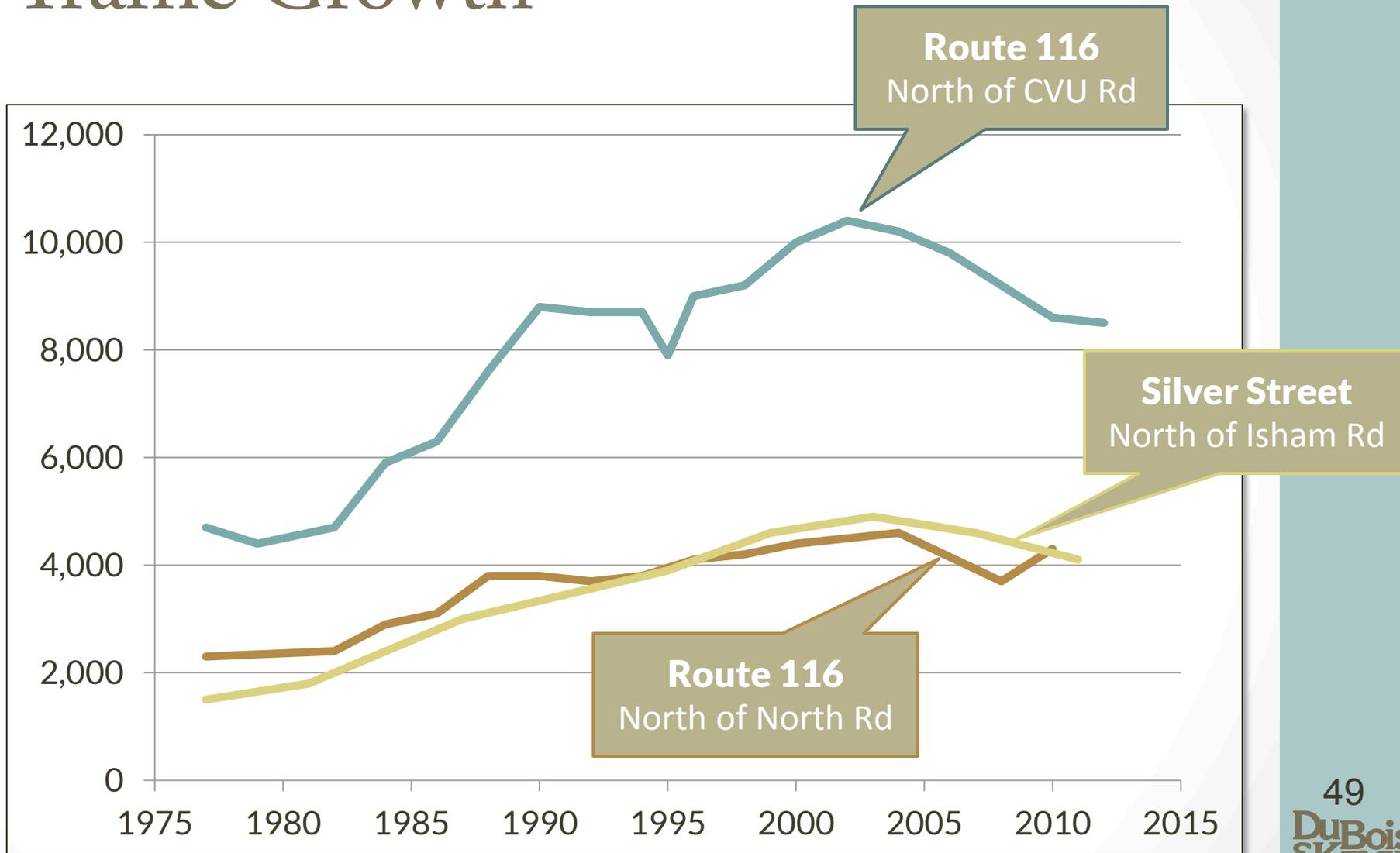
Other utility of community facilities available on private property pending redevelopment - e.g., water, sewer, telephone, cable, electric, etc.

**Legend**

- Public Community Facilities
- Public Property (see note above)
- Water Supply Areas

H

# Traffic Growth



# What we have heard so far -

- **Make Hinesburg more Walkable**
  - safer, more beautiful, more convenient
- **Improve the quality of life that is eroded by the traffic**
- **Resolve the tension between Commuter Route and Main Street**
- **Build a network of streets so there is not just one route through town**
- **Design for better stormwater management for the village**
- **More of a vibrant town center, more going on, some growth might be good**
- **Make the signals more efficient, especially at Lantmans**

# Your Charge Tonight

- **Group Exercise**
  - **What are the key issues that you would like to see addressed in this study?**
    - **Safety (hot spots)**
    - **Transportation (car, truck, bicycle, pedestrian and bus)**
    - **Land Use and Growth**
    - **Economic Activity and Development**
    - **Environment**
  - **What ideas for solutions do you have that you would like to be considered?**

