



*Presented by the  
Connecticut Department of Transportation (CT DOT)  
Bureau of Engineering and Construction*

*Presented to the  
2013 Bike Walk Summit*

# **STATE OF CONNECTICUT**

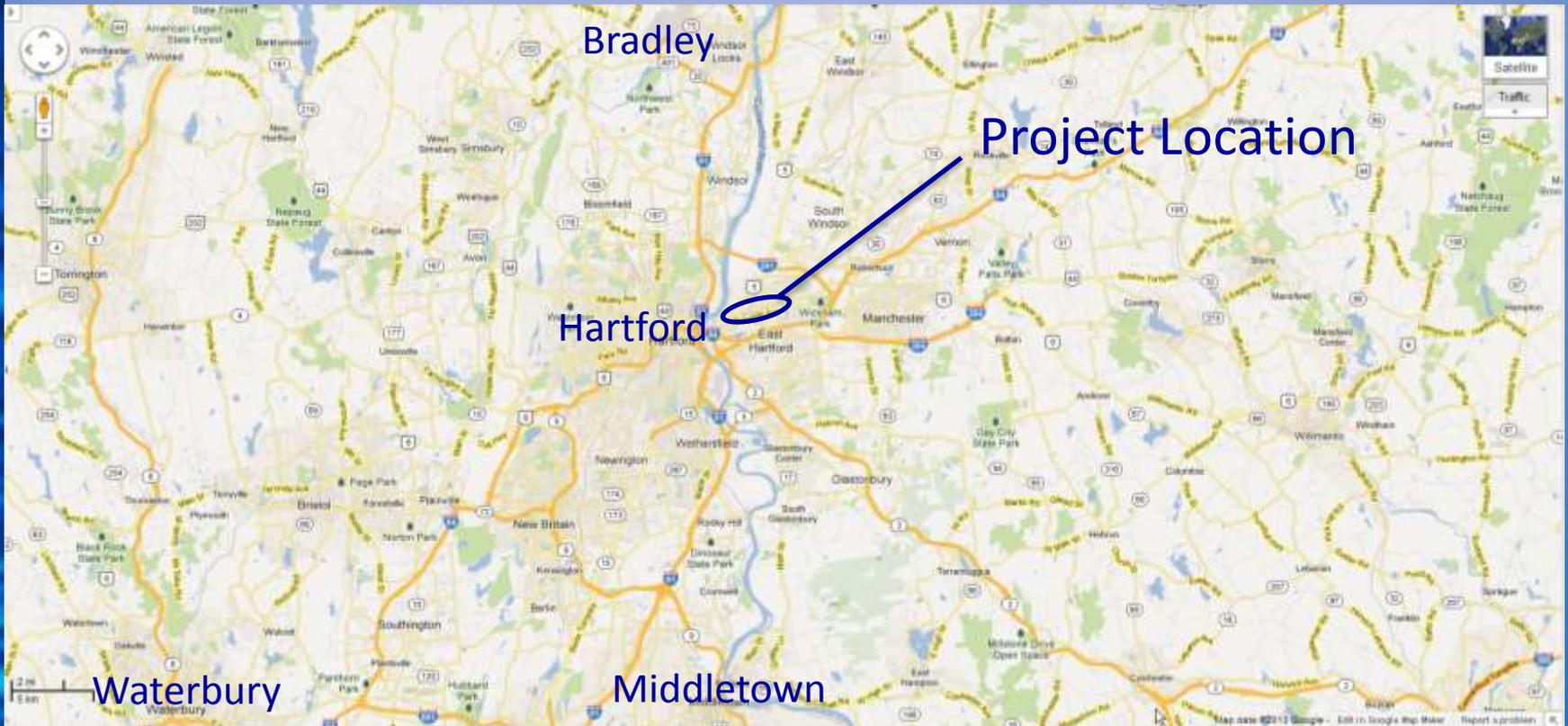
**PROJECT No. 42-315 U.S. ROUTE 44 – EAST HARTFORD**

**Bicycle and Pedestrian Improvements in the Town of East Hartford  
on U.S. Rte 44 (BurnsideAve) from U.S. Rte 5 (Main Street) to Mary Street**

April 2013

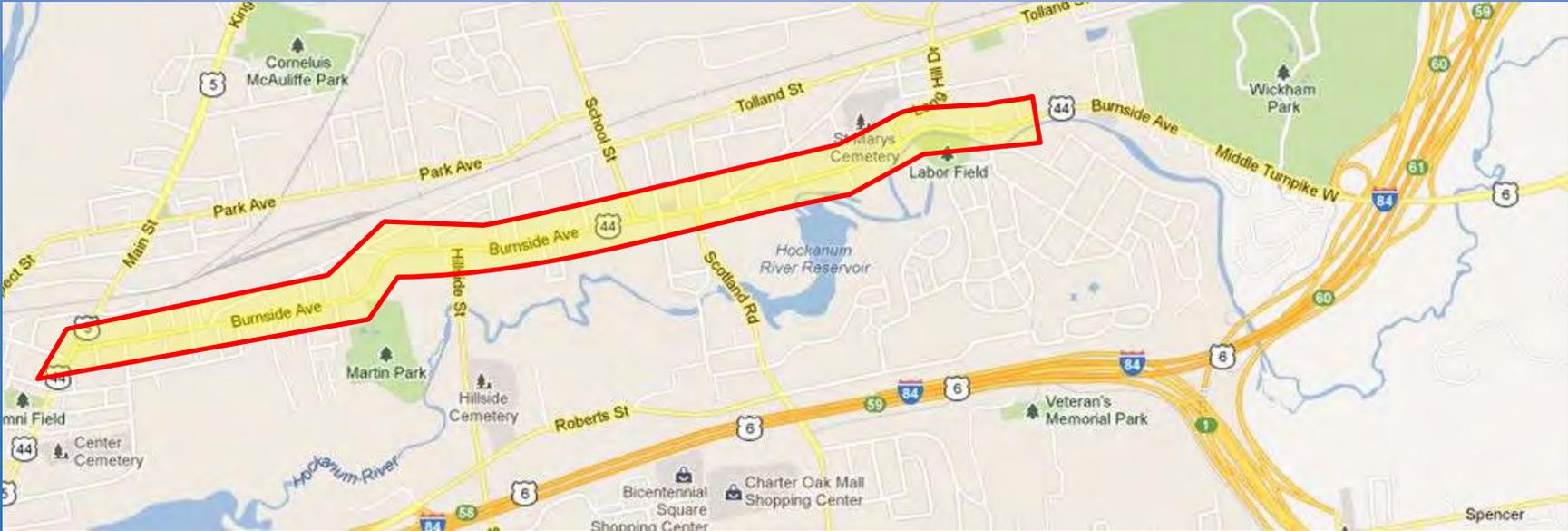


# LOCATION MAP





# LOCATION MAP





**The Game Plan: Share the Road**  
Traveling the Corridor  
“Take Aways” from this Road Diet  
Resources for Your Project Initiative



**DISCUSSION POINTS**



# WHAT'S OUT THERE NOW

## The General Area

- **Urban area with mixed use, including residential**
- **Four lane roadway**
  - **Average Daily Traffic (ADT) 11,000**
  - **Accidents**
    - Vehicle-vehicle collisions 340
    - Vehicle-pedestrian collisions 8
    - Vehicle-bicycle collisions 6
- **Barriers to pedestrians/bicyclists**
- **Parking permitted in outside lanes**
- **Limited bicyclist facilities**
- **Bus route with established ridership**

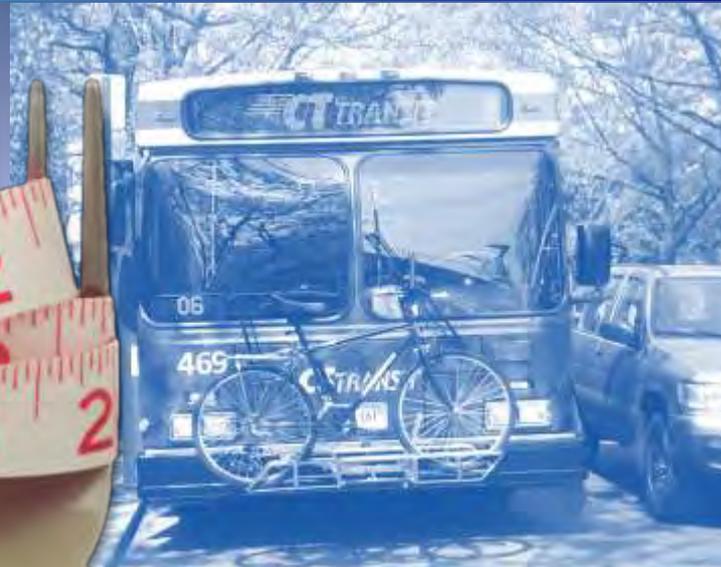




# ROAD DIET

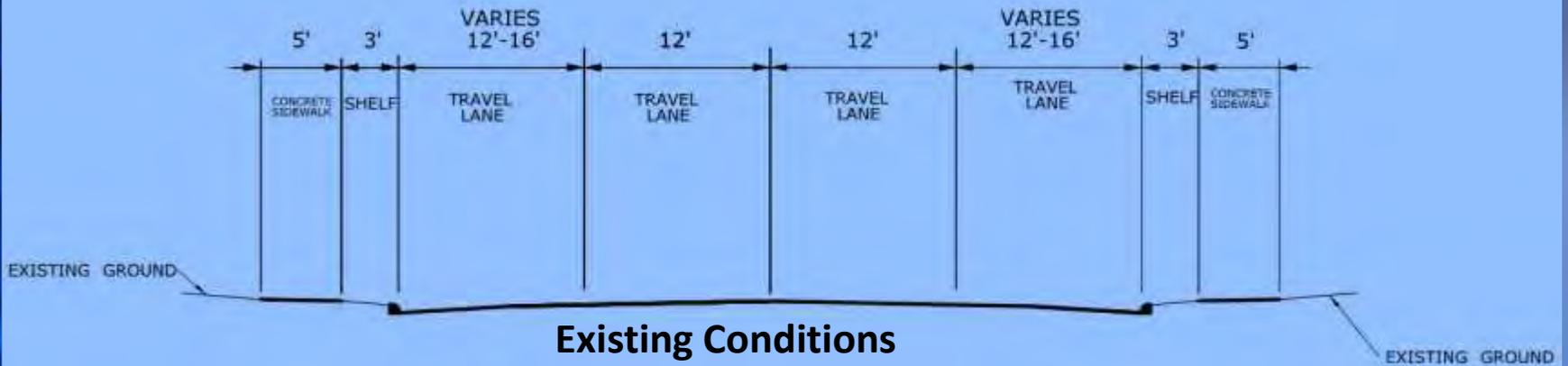
Facilities Being Proposed throughout the Corridor

- Through lanes for bicyclists
- Improved Sidewalk ramps
- On street parking accommodated
- Designated turn lanes
- Designated "pull offs" for bus stops where required





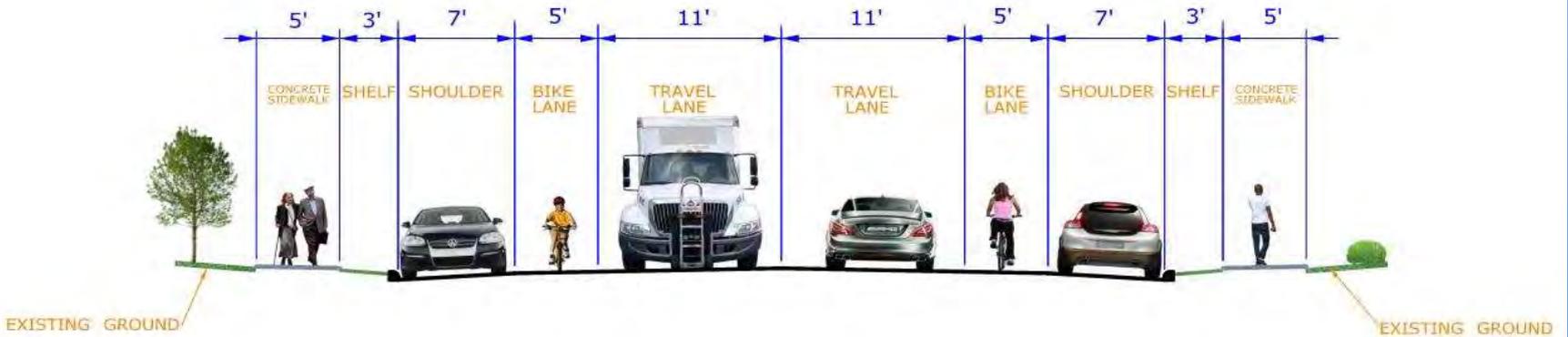
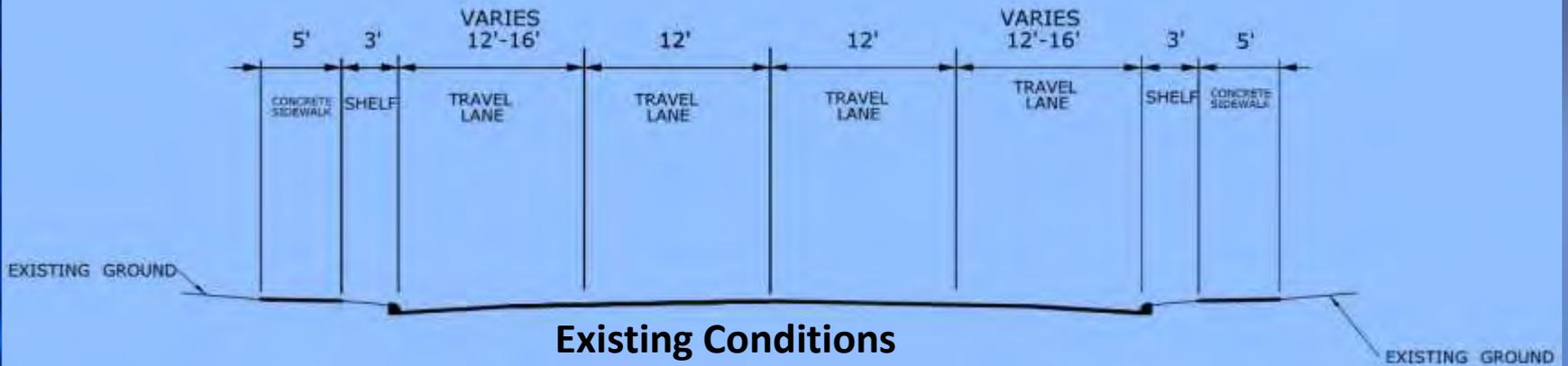
# REDESIGNATING SPACE



## Proposed Conditions

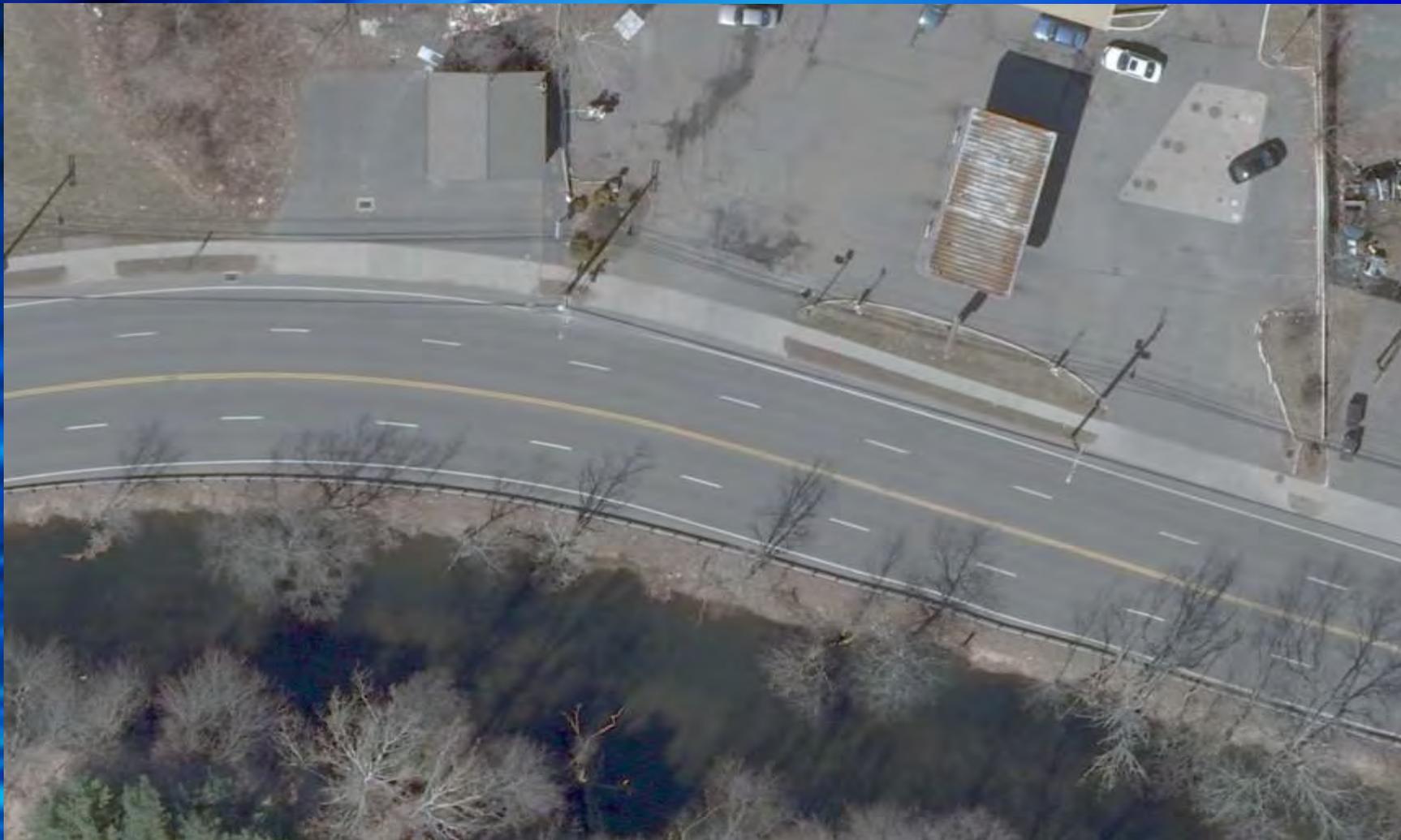


# REDESIGNATING SPACE



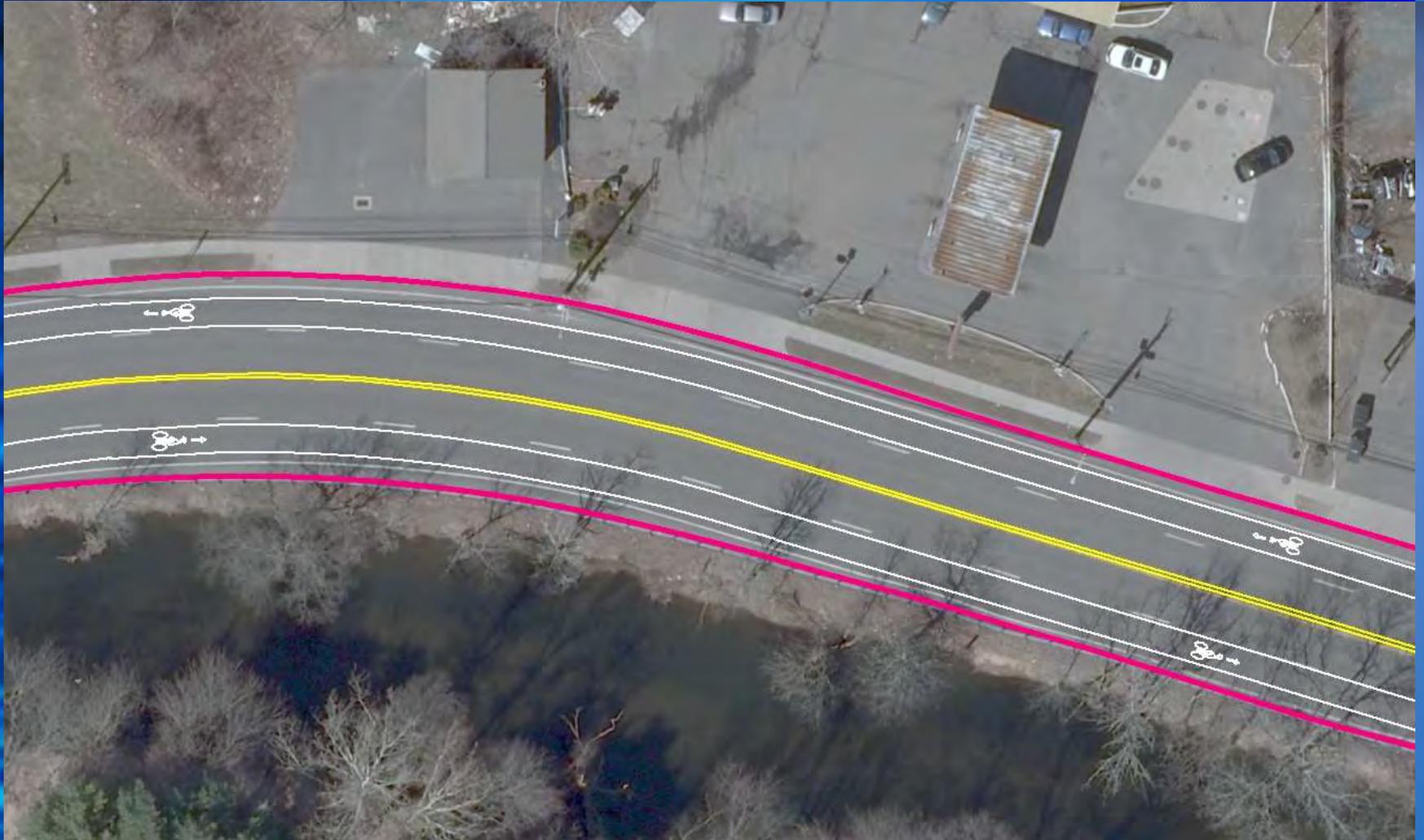


## Typical Section





# Typical Section





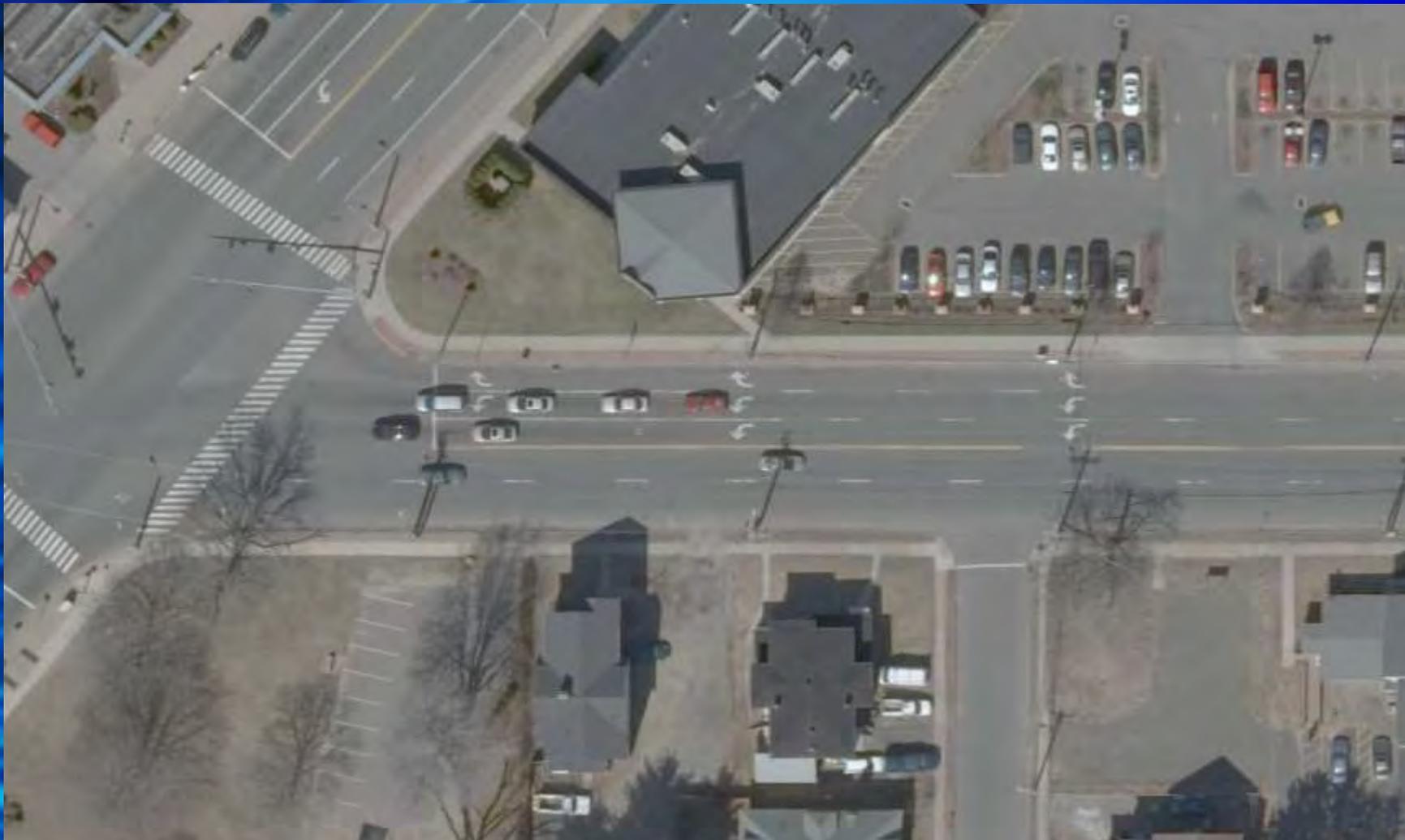
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## DISCUSSION POINTS

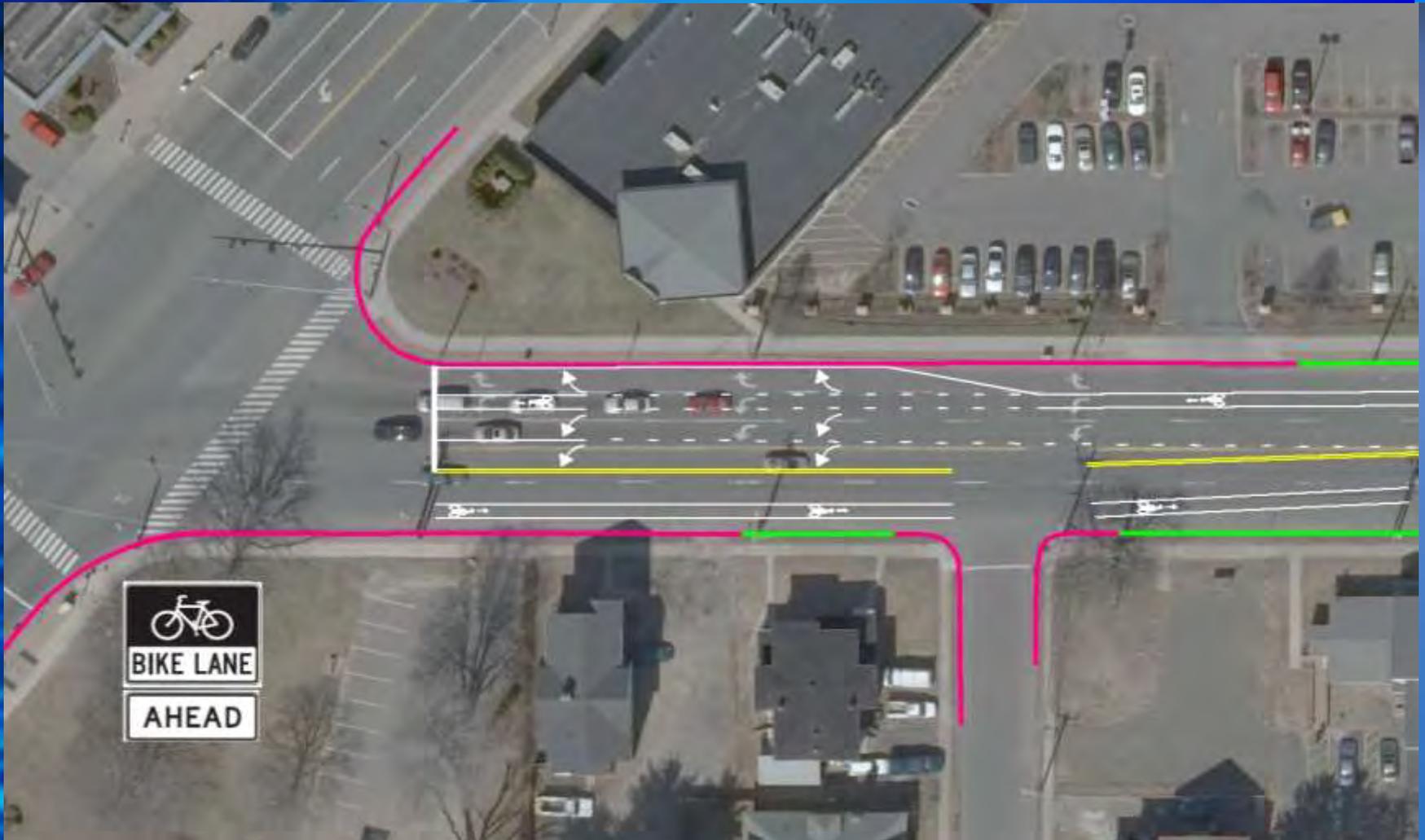


## U.S. Route 44 @ U.S. Route 5





## U.S. Route 44 @ U.S. Route 5



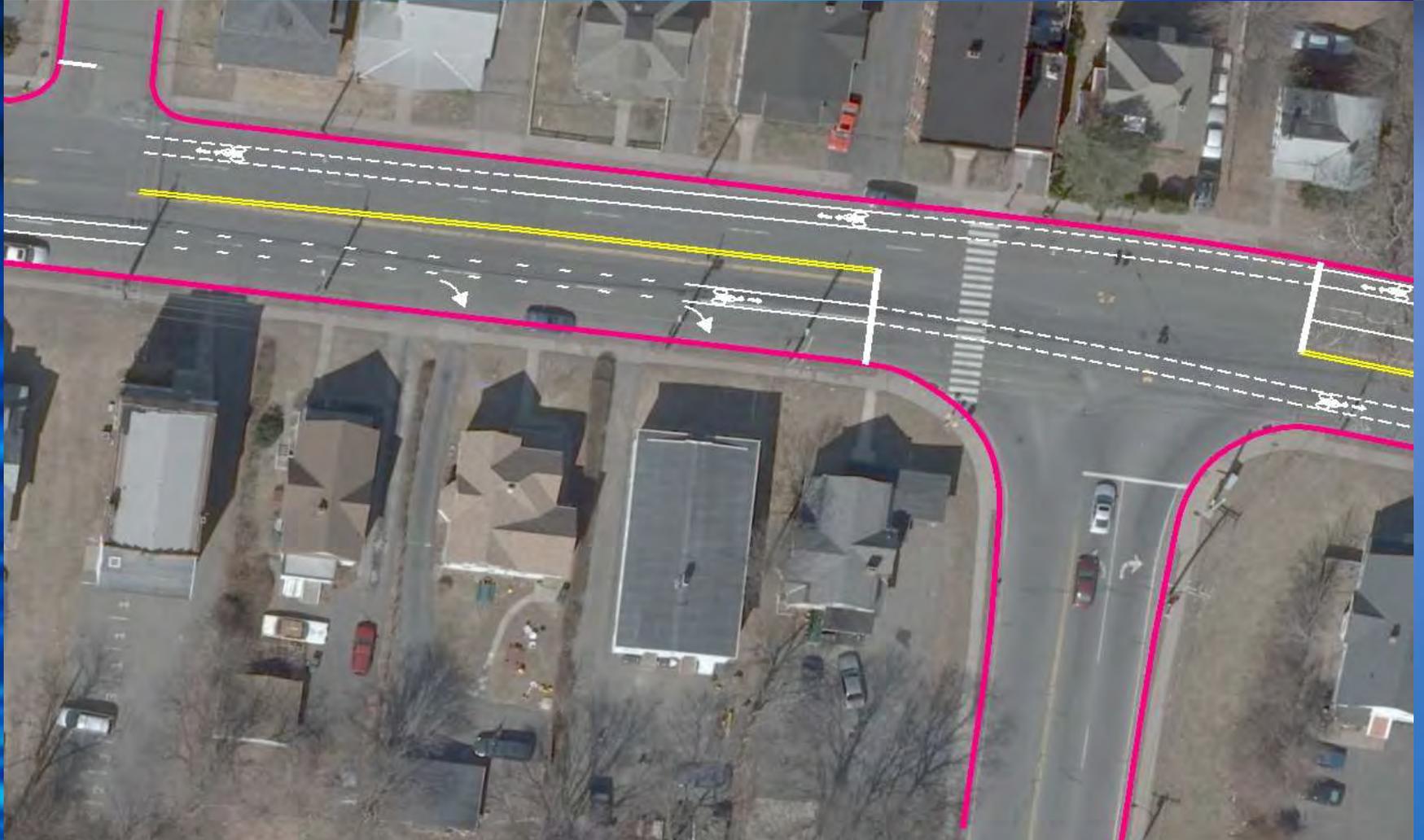


## U.S. Route 44 @ Hillside Street



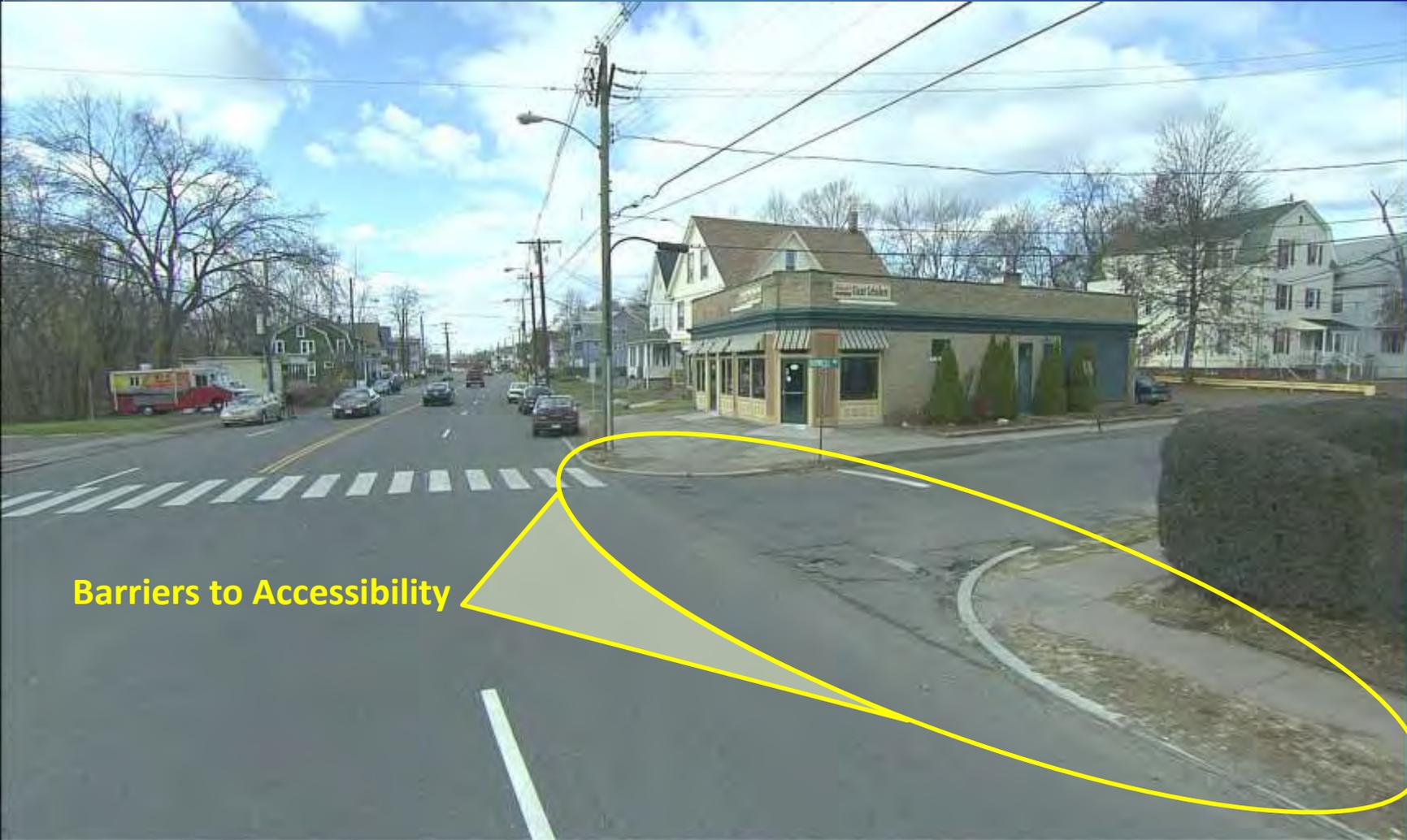


# U.S. Route 44 @ Hillside Street





# U.S. Route 44 in Vicinity of the U.S. Social Security Office



**Barriers to Accessibility**

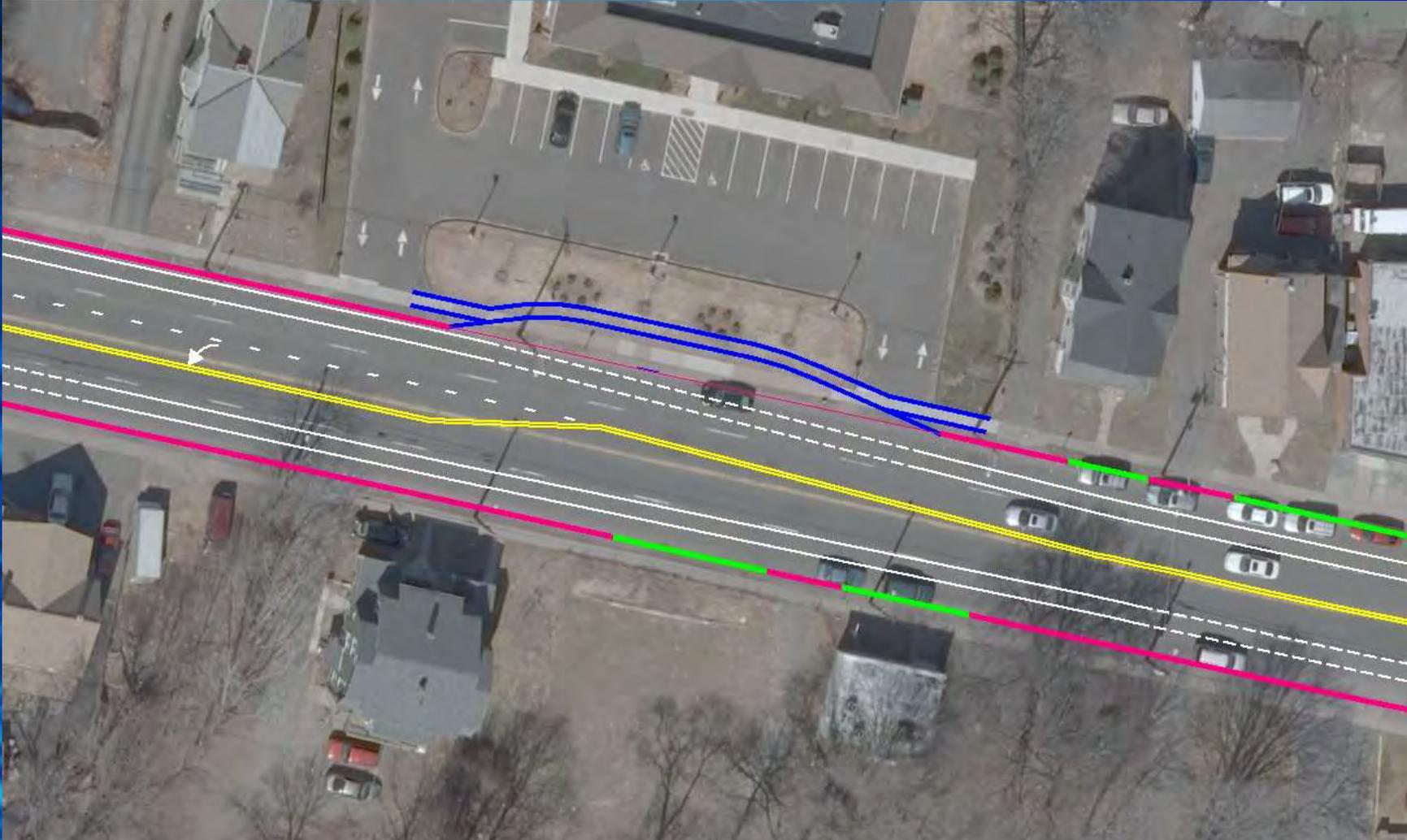


# U.S. Route 44 in Vicinity of the U.S. Social Security Office





# U.S. Route 44 in Vicinity of the U.S. Social Security Office





## U.S. Route 44 @ Larrabee Street



**School Aged Children  
Use Area  
Pedestrian Facilities**





## U.S. Route 44 @ Larrabee Street



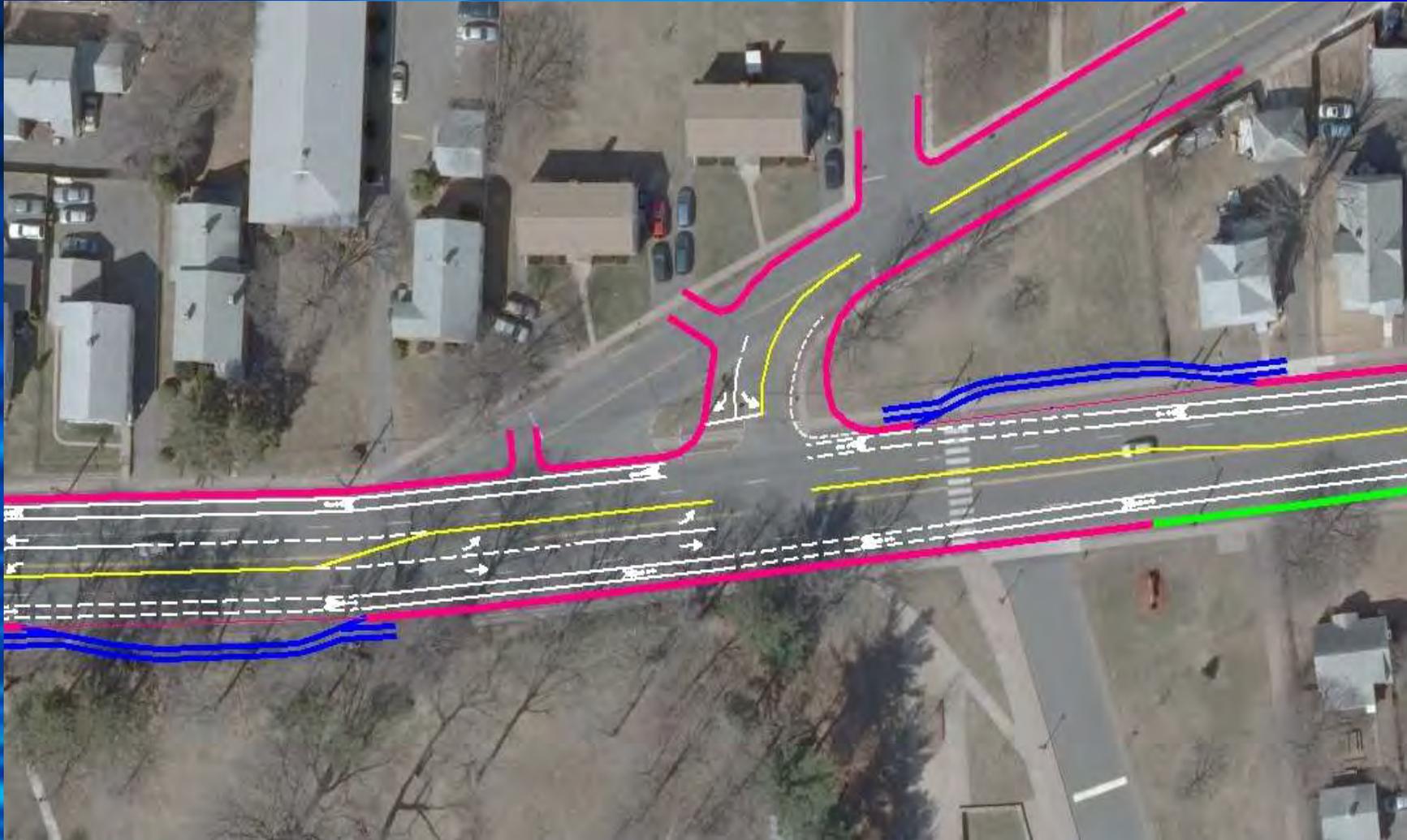


# U.S. Route 44 @ Larrabee Street



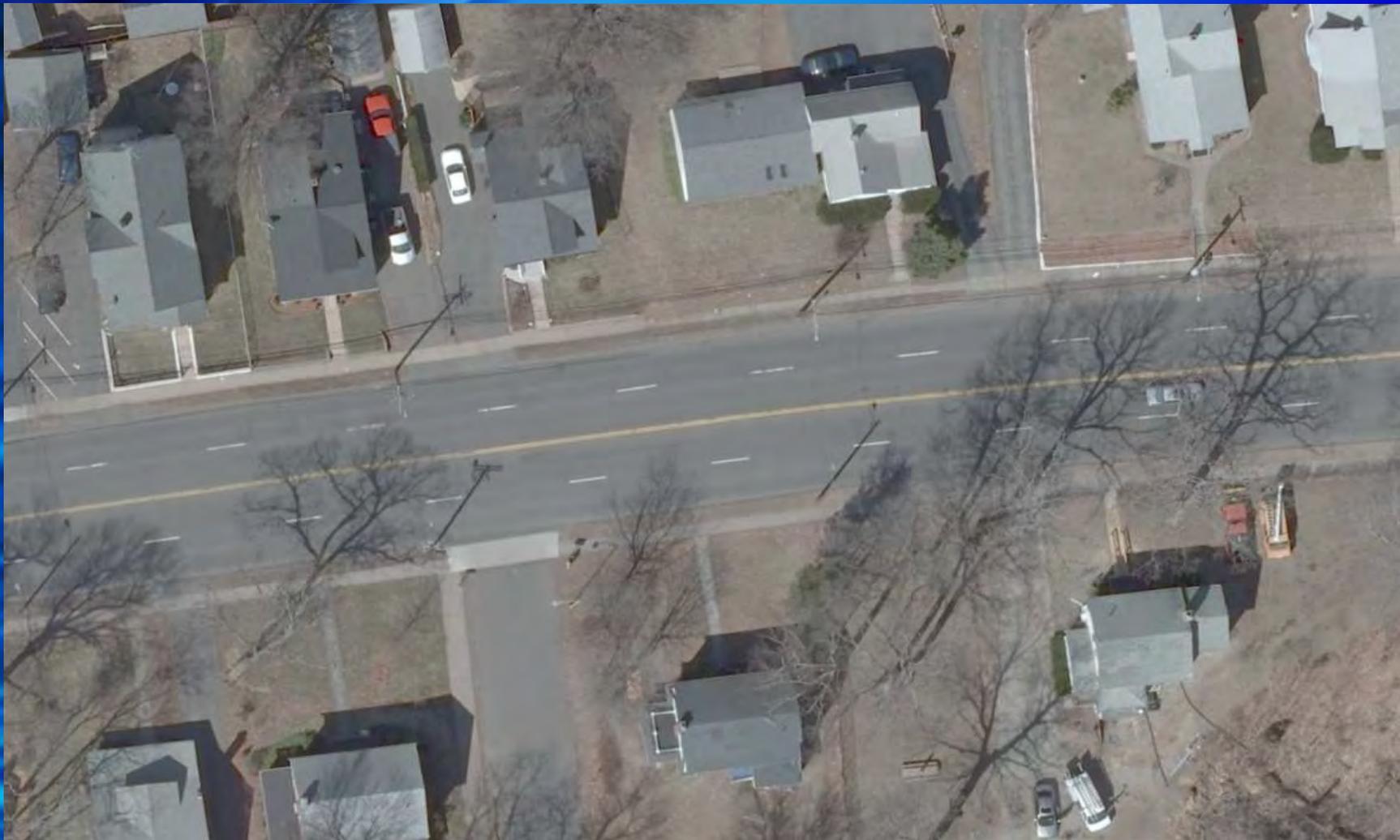


# U.S. Route 44 @ Larrabee Street



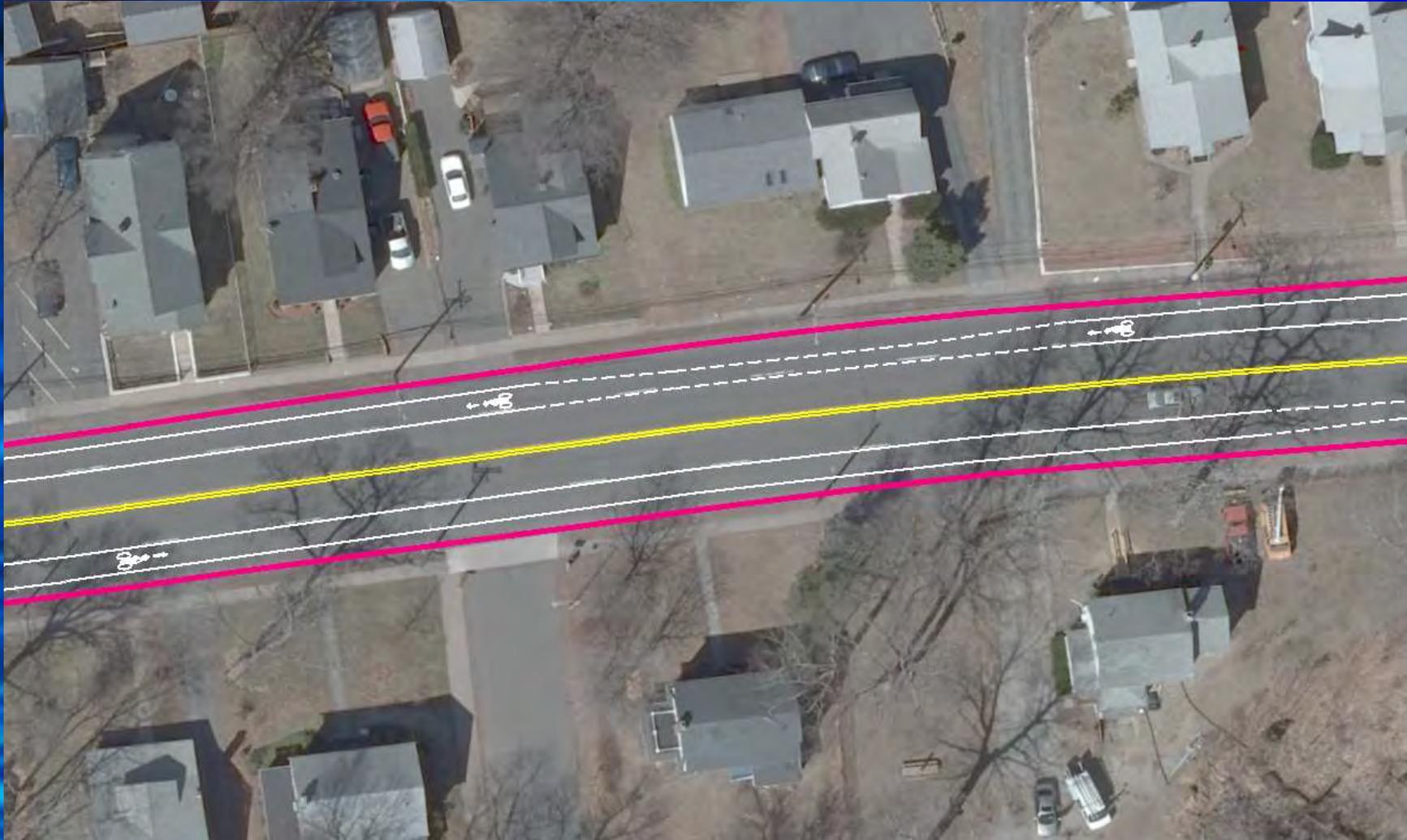


## U.S. Route 44 in Vicinity of East Hartford Middle School





# U.S. Route 44 in Vicinity of East Hartford Middle School





The Game Plan: Share the Road  
Traveling the Corridor  
“Take Aways” from this Road Diet  
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## DISCUSSION POINTS



# WHY DOES THIS DESIGN WORK?

## ● Traffic volumes

- low enough to eliminate travel lanes
- Increased capacity and level of service with dedicated turn lanes

*Traffic Volumes: a measurement of the amount of traffic that can be expected in the project area*

*Level of Service: a measurement of the transportation system's performance in the project area*

## ● Lane configuration and available roadway width - currently wide enough to accommodate sharing the road with pedestrians/bicyclists

## ● Coordination with and Cooperation from Stakeholders: Town and CT Transit





# PUBLIC INFORMATIONAL MEETING

**Tuesday - April 30, 2013**

**6:30 PM** Informal Discussion and Meet the Team

**7:00 PM** Presentation

Council Chambers (2nd floor)

**East Hartford Town Hall**



The Game Plan: Share the Road  
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## DISCUSSION POINTS



# REFERENCE MATERIALS

- **AASHTO Guide for the Development of Bicycle Facilities**  
*[www.transportation.org](http://www.transportation.org) navigate to Bookstore*
- **NACTO Urban Bikeway Design Guide**  
*[www.nacto.org](http://www.nacto.org) navigate to Initiatives > Cities for Cycling > Bikeway Design Guide*
- **FHWA BIKESAFE Bicycle Countermeasure Selection System**  
*[www.fhwa.dot.gov](http://www.fhwa.dot.gov) navigate to Programs > Safety > Pedestrian and Bicycle Safety > Tools to Diagnose and Solve the Problem*
- **Local Technical Assistance Program**  
*[www.t2center.uconn.edu/lpa](http://www.t2center.uconn.edu/lpa)*
- **Reference Series: Transportation in Connecticut**  
*[www.ct.gov/dot](http://www.ct.gov/dot) navigate to Publications > Pamphlets*
  - Article No. 01 Frequently Asked Questions (Federal-Aid)
  - Article No. 02 Potential Federal-Aid Sources
  - Article No. 06 Example Process Flows for Advancing Local Projects with Federal-Aid (FHWA)
  - Article No. 07 FHWA Safe Routes to School (SRTS) Program
  - Coming Soon: Recommended Manuals and Other Information Resources
  - Coming Soon: Navigating DOT
- **CT DOT Project Development Unit (PDU) [Website](#)**



# THE PLANNING PROCESS

- **Identify the issue, need or deficiency**
  - Contact the municipality
  - Contact the regional planning organization (RPO)
  - Reach out to the neighbors and stakeholders
- **Review the Reference Series: Transportation in Connecticut and follow recommendations to understand the process and develop a successful project**
- **Have a supported plan**
- **Develop a project concept**



# ISSUES TO CONSIDER

- Cultural, historic and environmentally sensitive areas
- Drainage
- Traffic volumes, including typical non-motorized traffic patterns
- Existing and proposed land uses in vicinity
- Parking
  - Adding – where is space coming from
  - Removing – access to and economic impact on local businesses
- Available land within right-of-way as opposed to privately owned land
- Public perceptions



# THANK YOU

● Any Questions???

● Contact Information

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*Bureau of Engineering and Construction  
Connecticut Department of Transportation*

● Agency Website

*[www.ct.gov/dot](http://www.ct.gov/dot)*

● Reference Series:  
Transportation in Connecticut

*[www.ct.gov/dot](http://www.ct.gov/dot)*

*navigate to Publications > Pamphlets*



"Mr. Osborne, may I be excused? My brain is full."