



# Roundabouts

## A Safer Choice



Presenter: Scott Bushee, P.E.



# Lower speeds (15 - 25 mph)

## No Left Turns

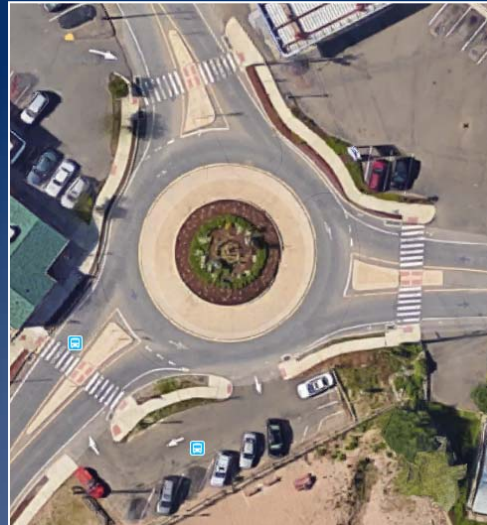
## Fewer Decisions to Make



# Roundabouts in Connecticut



**Killingworth – Route 80 & 81  
2007**



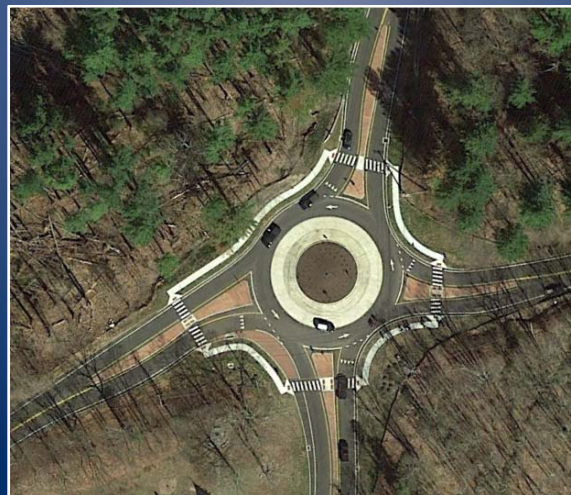
**West Haven – Rt 162 & 705  
2008**



**Ellington – Route 74 & 286  
2011**



**Salem – Route 82 & 85  
2012**



**Seymour – Route 188 & 334  
2015**



**Monroe – Route 110 & 111  
2018**



## CONSTRUCTION COMPLETION – FALL 2007

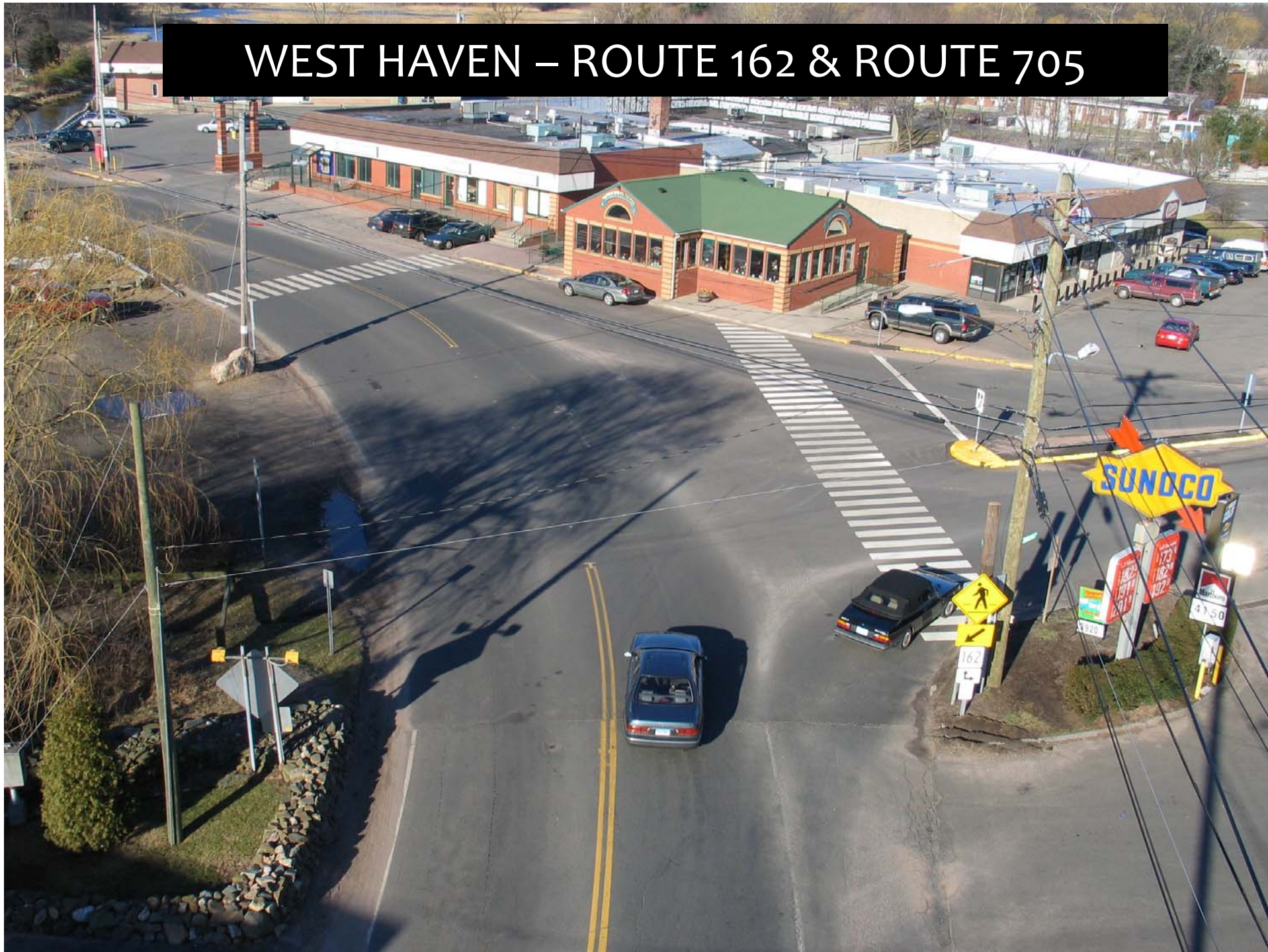
### PRE-ROUNDBOUT CRASH HISTORY

- 2001-2004 – 27 CRASHES & 9 INJURIES
- 7 crashes w/ 2 injuries / yr.

### POST CONSTRUCTION CRASH HISTORY

- 2011-2015 – 14 CRASHES & 2 INJURIES
- 3 crashes w/ 0 injuries / yr.

# WEST HAVEN – ROUTE 162 & ROUTE 705



## CONSTRUCTION COMPLETION – FALL 2008

### PRE-ROUNDAABOUT CRASH HISTORY

- 2004-2006 – 26 CRASHES & 16 INJURIES
- 9 crashes w/ 5 injuries/ yr.

### POST CONSTRUCTION CRASH HISTORY

- 2013-2015 – 16 CRASHES & 5 INJURIES
- 5 crashes w/ 2 injuries/ yr.



Click left mouse button to advance  
Click right mouse button to reverse

# ELLINGTON – ROUTE 74 & ROUTE 286

**Intersection Reconstruction**

**Existing  
Routes 74 & 286  
Ellington**









06/26/2012



CONSTRUCTION COMPLETION – FALL 2011

PRE-ROUNDBABOUT CRASH HISTORY

- 2008-2010 – 20 CRASHES & 6 INJURIES
- 7 crashes w/ 2 injuries / yr.

POST CONSTRUCTION CRASH HISTORY

- 2012-2016 – 30 CRASHES & 6 INJURIES
- 6 crashes w/ 1 injury / yr.

# SALEM – ROUTE 82 & ROUTE 85









01/01/2009



CONSTRUCTION COMPLETION – FALL 2012



## ROUNDBABOUTS

Routes 82 & 85 in Salem, CT  
out with two 2-lane approaches

### PRE-ROUNDBABOUT CRASH HISTORY

- 2003-2008 – 134 CRASHES & 52 INJURIES & 1 FATALITY
- 22 crashes w/ 9 injuries/ yr.

### POST CONSTRUCTION CRASH HISTORY

- 2013 – 2016 - 39 CRASHES & 4 INJURIES
- 10 crashes w /1 injury / yr.



# Roundabouts Crash Data

	<u>Connecticut Data</u>
Reduction in Overall Crashes	49%
Reduction in Injury Related Crashes	81%

**Connecticut - As of 2017, 150 crashes and 100 injuries have been prevented.**

# MONROE – ROUTE 110 & ROUTE 111





# Granby Roundabout



# Landscaping

