



*Bicyclist at intersection of School  
& Lexington Streets.*

# 4th Annual Waltham Bicycle Update



**May 17, 2017 5:30 – 6:30pm**

**Government Center Auditorium  
City of Waltham – Planning Department**



# Agenda 5:30 - 6:30pm



- Welcome & Happy BSBW!
- Bicycle-Friendly Waltham
- Accomplishments to Date
- 2016 Update + 2017 Forecast
- NEW MA Bicycle Transportation Plan  
#MABIKEPLAN
- Q&A



# Bicycle-Friendly Waltham



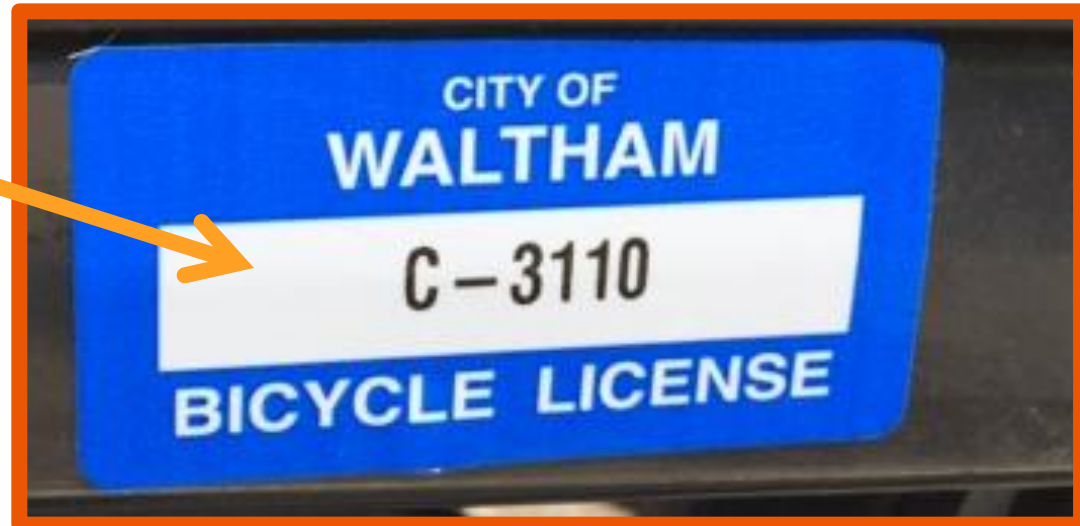
- Great Location, Scale, Existing Land Uses
- Economically Vibrant Downtown & 128/95 Innovation Center
- (2) Commuter Rail Stations with Local /Express Bus Routes
- (2) Major Universities
- *Transportation Master Plan*
- Local Bicycle Culture/Resources
  - Frank's Spoke N Wheel
  - Watch City Bike Lab
  - Waltham Bicycle Committee
  - Waltham Police Bicycle Registry



# Bicycle-Friendly Waltham



- Protect Your Bicycle with FREE & EASY Bicycle Registration from Waltham Police Department
- Less than 5 Minutes to Complete Form & Pickup Stickers at Station on Lexington Street





# Accomplishments

## Bicycle Transportation 2014-2016

### Infrastructure:

- Installed 1<sup>st</sup> Bicycle Lanes in Waltham (2014)
- Increased On-Road Facilities: .24 mi. (2013) to 13.55 mi. (2016)
- Increased Off-Road Facilities: 3.46 mi. (2013) to 3.61 mi. (2016)
- Advancing Waltham's portion of the Wayside Rail Trail



# Accomplishments

## Bicycle Transportation 2014-2016

### Policy & Transportation Planning:

- ▣ Traffic Commission adopted Complete Street Policy 9/18/14
- ▣ Traffic Commission adopted APBP Type Guidance for Bicycle Parking 11/18/15
- ▣ Completed Multi-Modal Transportation Plan



# Accomplishments

## Bicycle Transportation 2014-2016

### Complete Street Safety:

- ▣ **Waltham Police Modified Crash Form to include helmet usage as safety equipment**
- ▣ **Continue Inter-Departmental Collaborations Especially with Police + Traffic Engineering + Consolidated Public Works on Complete Street Safety**



# Accomplishments

## Bicycle Transportation 2014-2016

### Bicycle Friendly Recognition (League of American Bicyclists)

- ▣ City of Waltham - *Honorable Mention* as a Bicycle Friendly Community
- ▣ Bentley University – Designated as a *Bicycle Friendly University Bronze* (one of only 5 in MA)



# 2016 Update & 2017 Forecast



- ▣ 2015 Bicycle Facilities Forecast/Crash Data (May 18, 2016 Map)
- ▣ 2016 Bicycle Facilities Forecast/Crash Data
- ▣ Data Trends & Takeaways

*Bicyclist riding over 128/195 on Route 117 Bridge sidewalk to connect with built section of Wayside Rail Trail*



# 2010 - 2015 Bicycle Facilities and Bicycle Crash Data City of Waltham

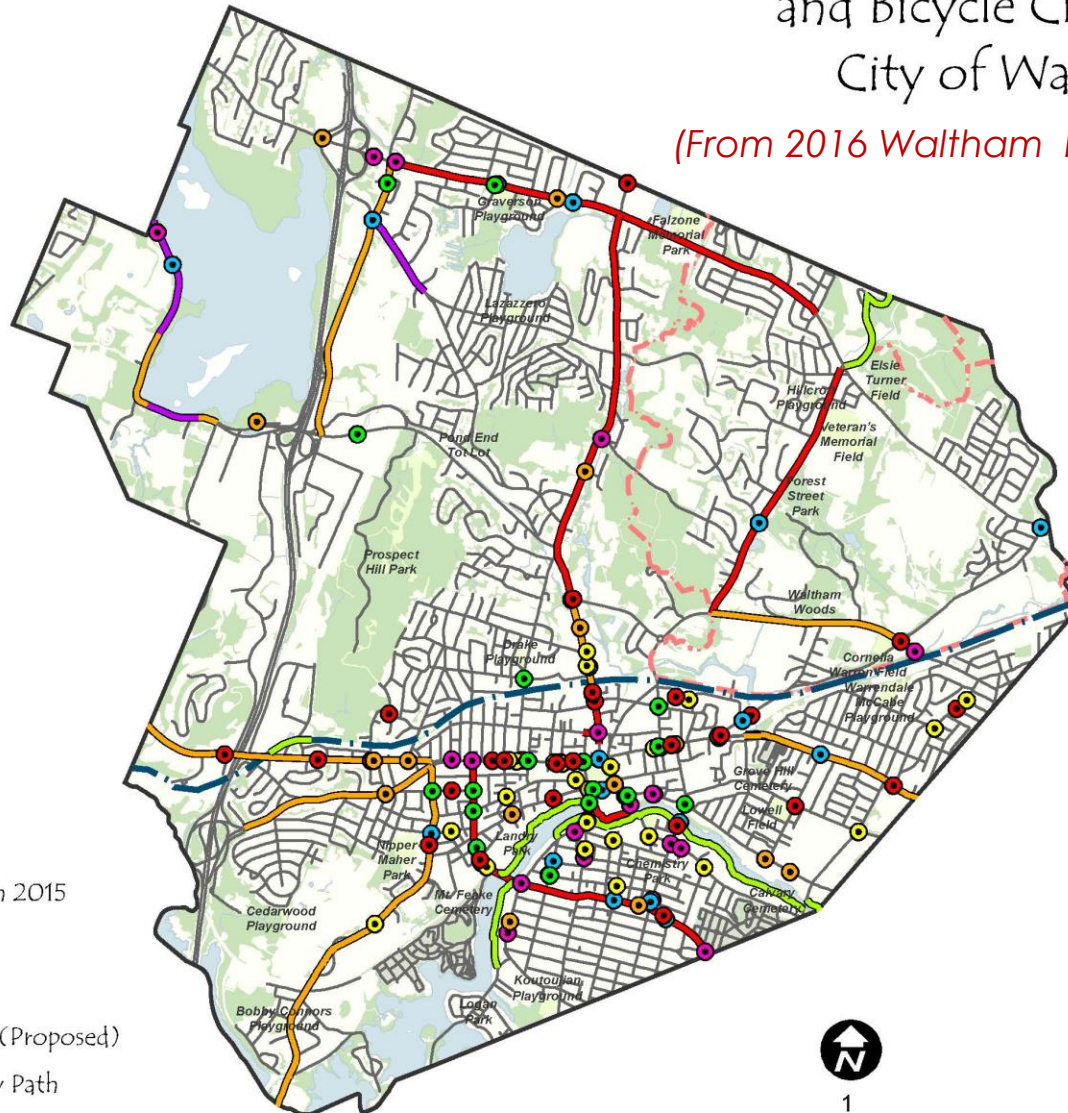
(From 2016 Waltham Bicycle Update)

## Bicycle Crashes

- 2010 (19)
- 2011 (26)
- 2012 (22)
- 2013 (24)
- 2014 (27)
- 2015 (27)

## Bicycle Facilities

- Bicycle Lanes
- Pending Road Path 2015
- Shared Use
- Sharrows/Signage
- Wayside Rail Trail (Proposed)
- Western Greenway Path



1

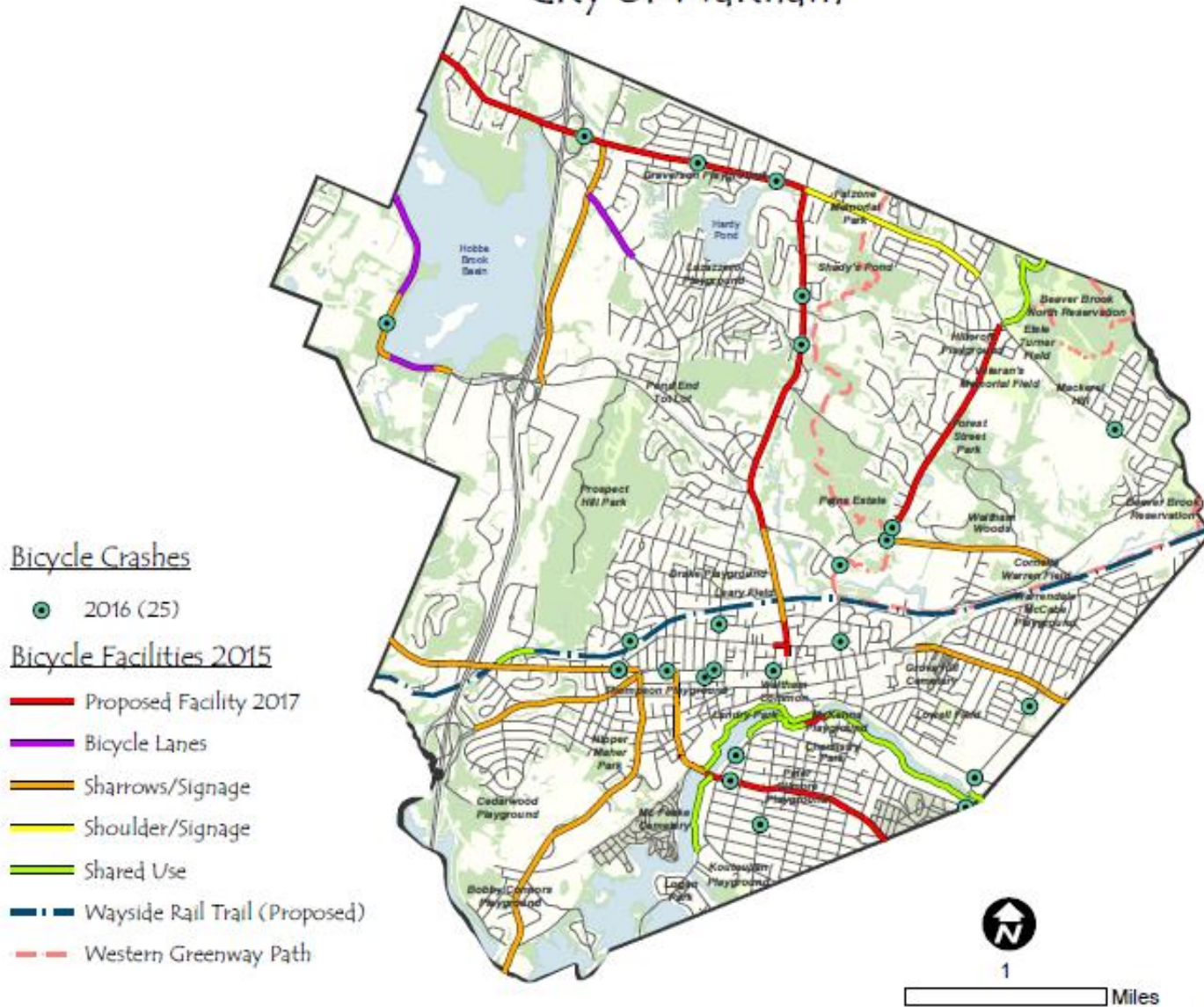
Miles

City of Waltham GIS - May 13, 2016



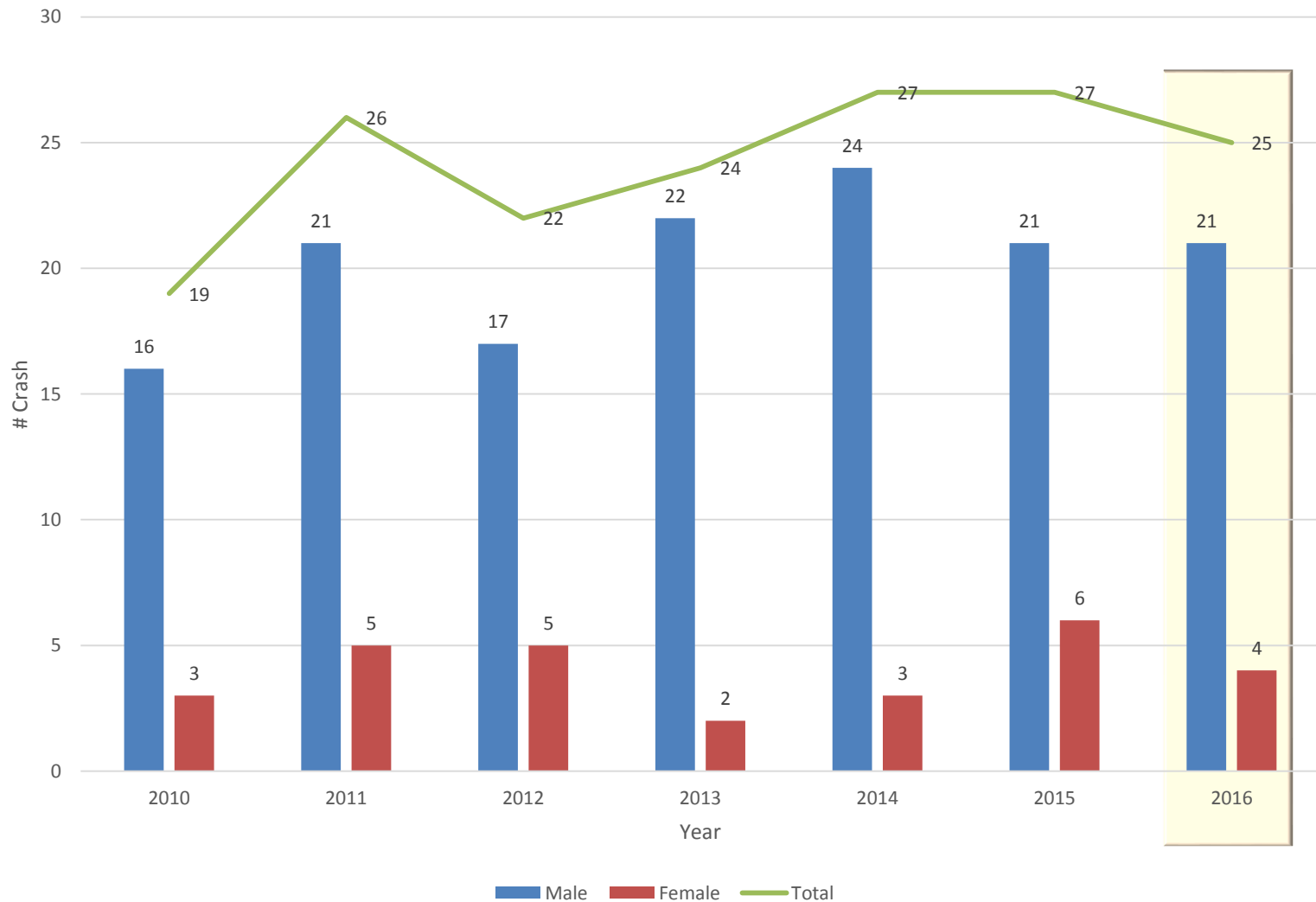
## Bicycle Crash Locations 2016

### City of Waltham



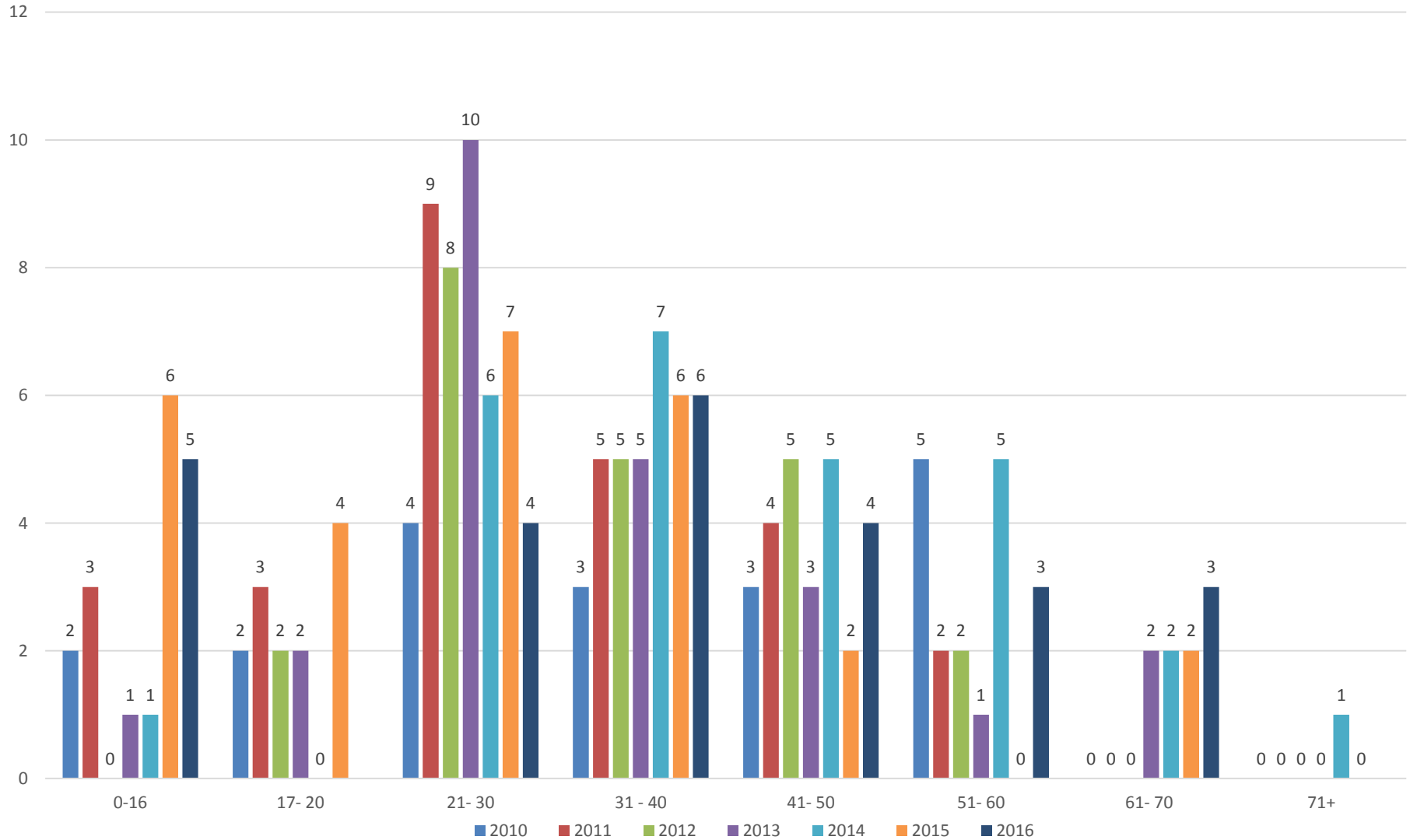


# Crash Data by Year & Gender





# Crash Data by Year & Age



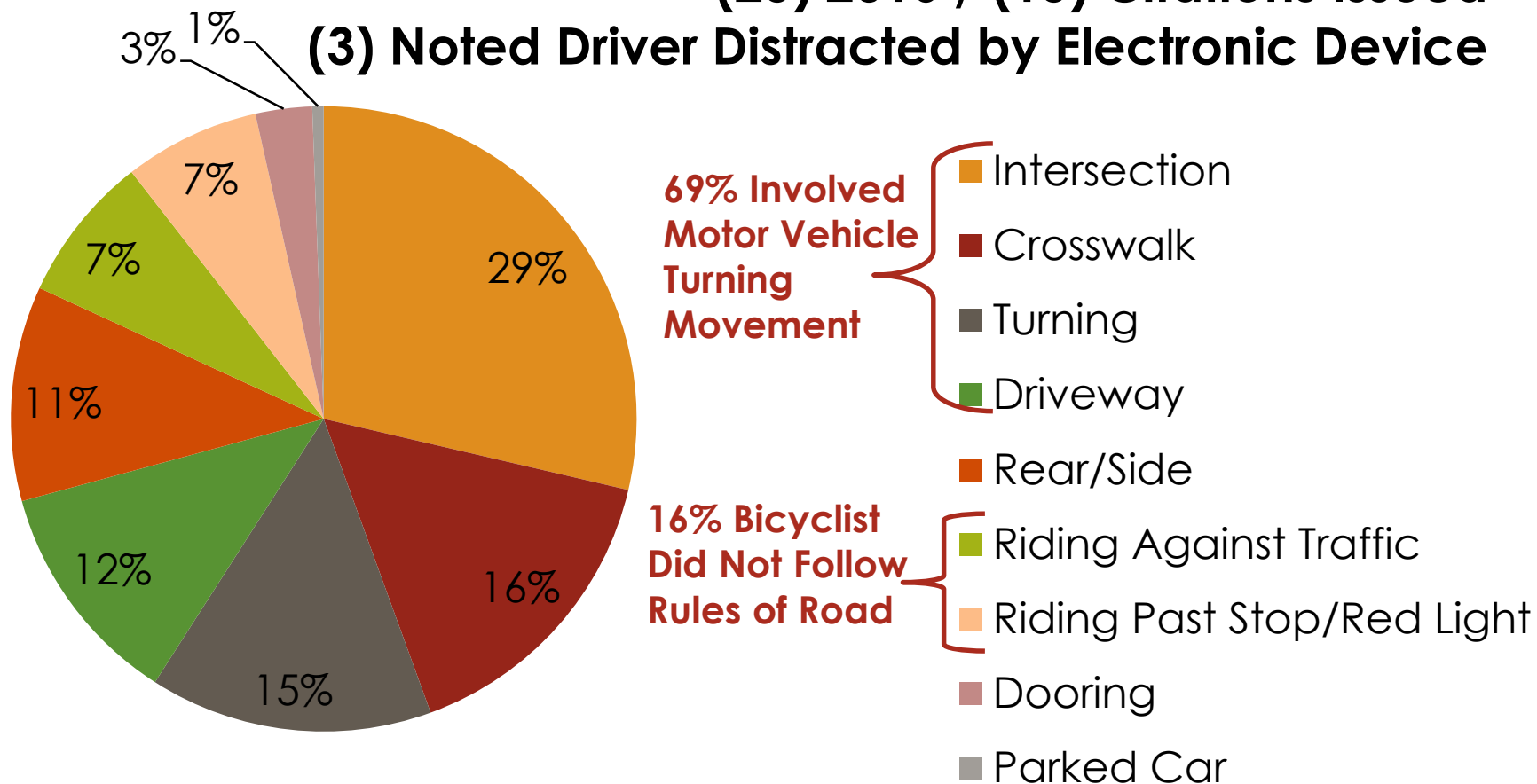


# Bicycle Crashes Reported to Waltham Police

**(170) Bicycle Crashes from 2010-2016**

**(25) 2016 / (15) Citations Issued**

**(3) Noted Driver Distracted by Electronic Device**





# Takeaways & Data Trends

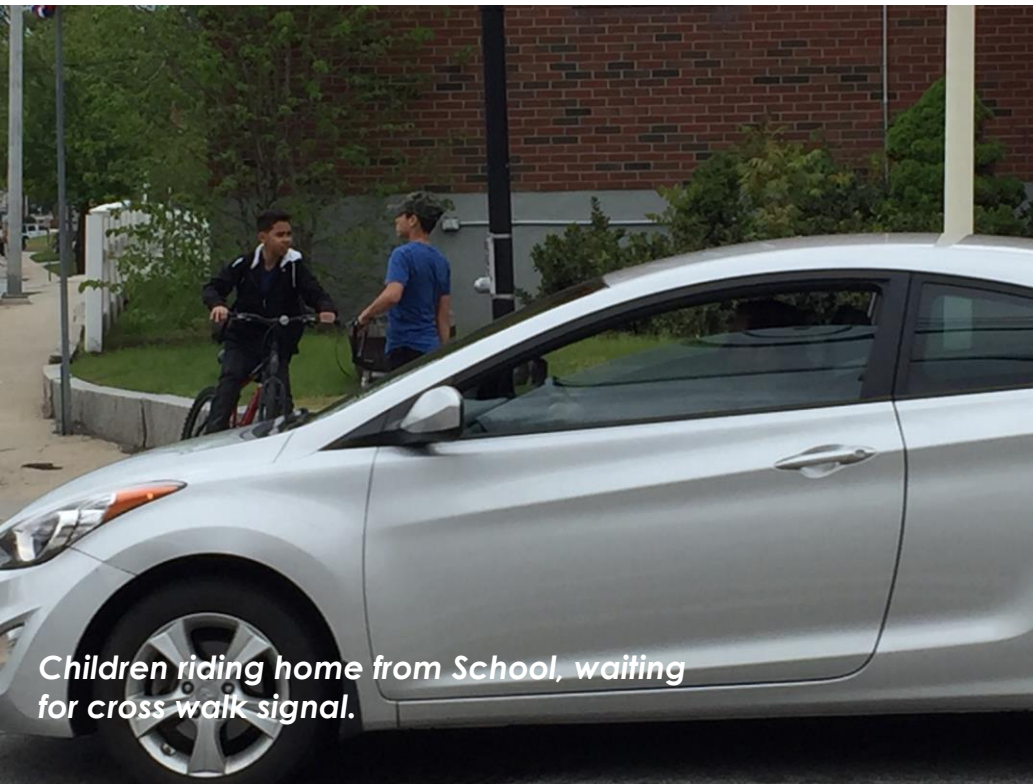


*Bicyclist riding through School and Lexington intersection.*

- 3 of 25 Drivers involved in Bicycle Crashes were cited as Distracted by Electronic Device in 2016
- 25 Reported Crashes in 2016
  - 4 Women/21 Men
  - 35 Years Average Age
  - 11 Years Youngest
  - 63 Years Oldest
- 10 People had Trauma Requiring Transport to Hospital



# Takeaways & Data Trends



Children riding home from School, waiting for cross walk signal.

- Both Drivers & Bicyclists should be aware that 69% of the Reported Bicycle Crashes in Waltham involved Turning Motor Vehicles
- Operators of Motor Vehicles need to expect Bicyclists on the road and look for them before turning
- Distracted driving is one of the fastest growing safety issues on the roads today. Simply said Drive/Bike/Walk Phone Free



# New Statewide Bicycle Plan Needs Waltham's Input

## Where would you ride your bike if there was an easy way to get there?

In three steps, help MassDOT update the State Bike Plan to make biking safe, comfortable, and convenient for everyday travel

1



**Take the survey at [bit.ly/MABikePlan-Engage](http://bit.ly/MABikePlan-Engage)**

What prevents you from riding today?  
Where do you want to bike?

2



**Draw on the map at [bit.ly/MAWikiMap](http://bit.ly/MAWikiMap)**

What are the barriers to biking in your community?  
Which streets need improvement?

3



**Stay involved at [bit.ly/MABikePlan](http://bit.ly/MABikePlan)**

Follow @MassDOT on social media for #MABikePlan updates

- 2008 State Bicycle Plan being updated by MassDOT with Toole Design
- Share this with your network so MassDOT hears from Waltham
- \*\*\*\*This survey is not just for people who currently bicycle\*\*\*



# New Statewide Bicycle Plan Needs Waltham's Input

We know that more bike lanes and paths are needed to make bicycling the comfortable and convenient choice. What else discourages you from bicycling year-round for everyday trips? Help us complete this sentence:



**“I would bike there if...”**


**Why does this matter?**  
MassDOT is identifying policies, programs, and partnerships to make everyday bicycling safer, more comfortable, and more convenient. Your input tells us which recommendations are most important, whether you currently ride a bike or not.

**Instructions**  
Vote for each statement that applies to you. What would make bicycling a viable transportation option for everyday trips? There is no limit to how many statements you can select.

I could afford to buy and maintain a bicycle	snow and ice were cleared from bike lanes and paths	the streets in my community were better maintained	my community felt safer	I had access to bikeshare
I were in better shape	it were easier to see at night	more people got around that way	I could carry more people/things	I knew how to ride a bike
I had somewhere to securely store my bike	my friends or family also rode a bike	I had somewhere to freshen up when I arrived	I could take my bike on transit	I were younger

Complete this activity online at <http://bit.ly/MABikePlan-Engage>  
Visit [bit.ly/MABikePlan](http://bit.ly/MABikePlan) for more information about the Massachusetts Bicycle Transportation Plan

 #MABIKEPLAN  
 @MassDOT



Example of Completed Question #1

“I would bike there if....”

Pick your Top 3 and Vote with your Dots



# New Statewide Bicycle Plan Needs Waltham's Input

Example of Completed Question #2

“Which Bike Connections are Most Important to You....”

Pick your Top 3 and Vote with your Dots

**Which Bike Connections are Most Important to You?**  
How should MassDOT invest in your community?

**Why does this matter?**  
MassDOT funds projects to make everyday bicycling safer, more comfortable, and more convenient. We use your input to prioritize projects around the state, whether you currently ride a bike or not.

**Instructions**  
**Step 1:** Pick the photo that looks most like where you live.  
**Step 2:** Under that photo, vote for your top destinations that you want to reach by bike. Please pick up to three different destinations.

Complete this activity online at <http://bit.ly/MABikePlan-Engage>  
Visit [bit.ly/MABikePlan](http://bit.ly/MABikePlan) for more information about the Massachusetts Bicycle Transportation Plan

#MABIKEPLAN  
@MassDOT

**STEP 1**

**STEP 2**

**I need better bike connections to...**

	<b>VOTE HERE</b> if your community looks like this	<b>VOTE HERE</b> if your community looks like this	<b>VOTE HERE</b> if your community looks like this
<b>TRANSIT</b>			
<b>SCHOOL</b>			
<b>WORK</b>			
<b>PARKS</b>			
<b>SHOPPING/DINING</b>			



# New Statewide Bicycle Plan Needs Waltham's Input

Massachusetts Bicycle Transportation Plan WikiMap interface. The page includes a map of Massachusetts and a central text box with the following content:

**massDOT MASSACHUSETTS BICYCLE TRANSPORTATION PLAN**

Welcome to the **Massachusetts Bicycle Transportation Plan WikiMap!** Please use this map-based survey tool to tell us your thoughts about bicycle infrastructure throughout the Commonwealth. The input that you provide here will help to inform recommendations for future bicycle transportation programs and infrastructure in Massachusetts.

Email [probie@tooledesign.com](mailto:probie@tooledesign.com) with questions or issues related to using the WikiMap.

Use your email address to login and make comments, and to receive project notifications.

Email Address

**View Options**

- ☒ Turn On/Off layers
- ☐ Turn On/Off Other Peoples' Responses
- ☒ Street/Path Needs Bike Impvmt
- ☒ Great Street or Path
- ☒ Bike Network Barrier or Gap
- ☒ Spot Needs Bike Improvement

Opportunity to draw or comment online

Chance to highlight what is important to You & Waltham!

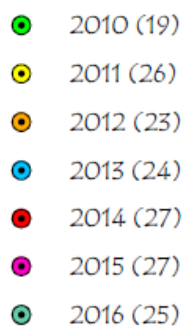


# 2017 Bicycle Transportation Goals

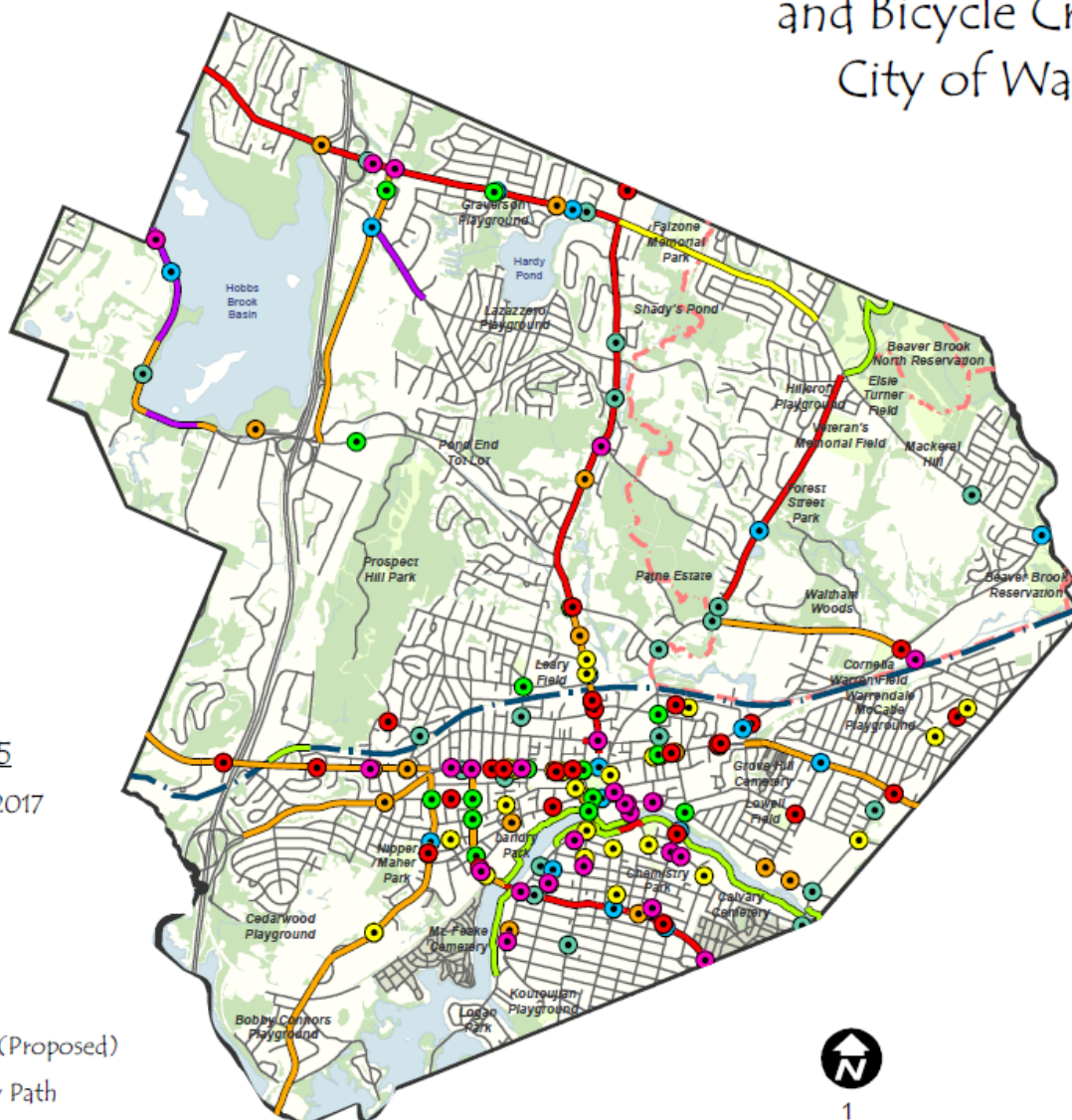
- Provide MassDOT with More Waltham Public Input to the MA Bicycle Transportation Plan Update than any other City/Town
- Add 2 miles of On-Road Bicycle Facilities in 2017
- Provide Support to Advance the Design/Engineering of Waltham's section of Wayside Multi-Use Path (Mass Central Rail Trail Corridor aka MCRT)
- Continue Inter-Departmental & Police Collaborations on Complete Street Safety for All Roadway Users - Especially on Distracted Driving
- Increase Education of Crash Prevention for All Roadway Users
- Continue work with League of American Bicyclists for Bicycle Friendly Opportunities (Community, University & Business)



# 2010 - 2016 Bicycle Facilities and Bicycle Crash Data City of Waltham



## Bicycle Facilities 2015



1

Miles

City of Waltham GIS - May 1, 2017



# Thank You!

