

## **Concept No. 1 – Four Lanes** With Median

### Advantages Improved Bus Stops

**New Street Lighting**  $\checkmark$ ✓ New Street Trees

### **Dis-Advantages** • No Speed Reduction Long Crosswalks Ο **No Bicycle Facility** Ο













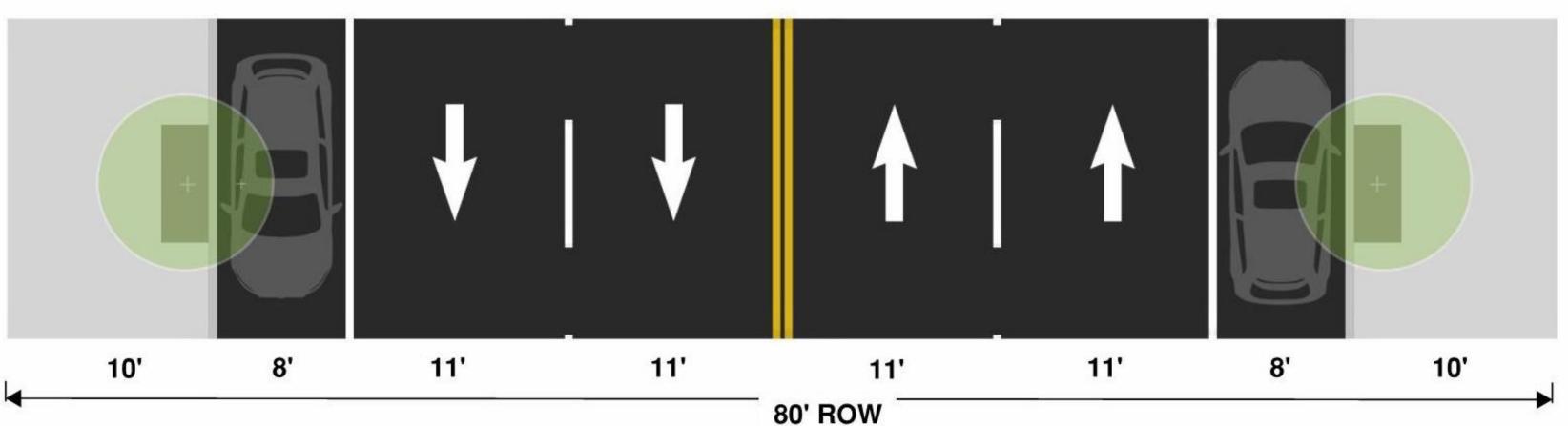












## **Concept No. 2 – Four Lanes** Without Median

### Advantages

- $\checkmark$
- $\checkmark$
- $\checkmark$

### **Dis-Advantages**

- Long Crosswalks 0
- Ο

**CUMMINS HIGHWAY PROJECT PUBLIC MEETING FEBRUARY 27, 2020** 



# **STATION NO. 1**

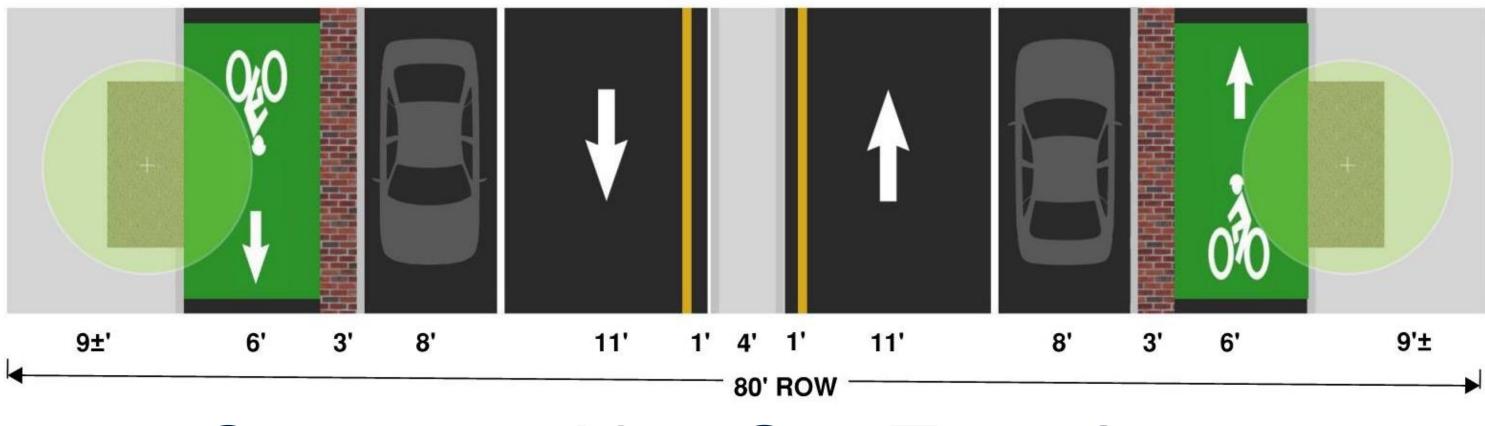
## **Improved Bus Stops New Street Lighting New Street Trees**

**No Speed Reduction No Bicycle Facility** 









## **Concept No. 3 – Two Lanes** With Median

### Advantages Less turning conflicts $\checkmark$ due to median

### **Dis-Advantages**

**Higher vehicle speeds** 0 Narrower sidewalks  $\bigcirc$ Longer crosswalks 0 **Emergency vehicles** 0 may be stuck behind vehicle queue **Snow removal more** 0











difficult





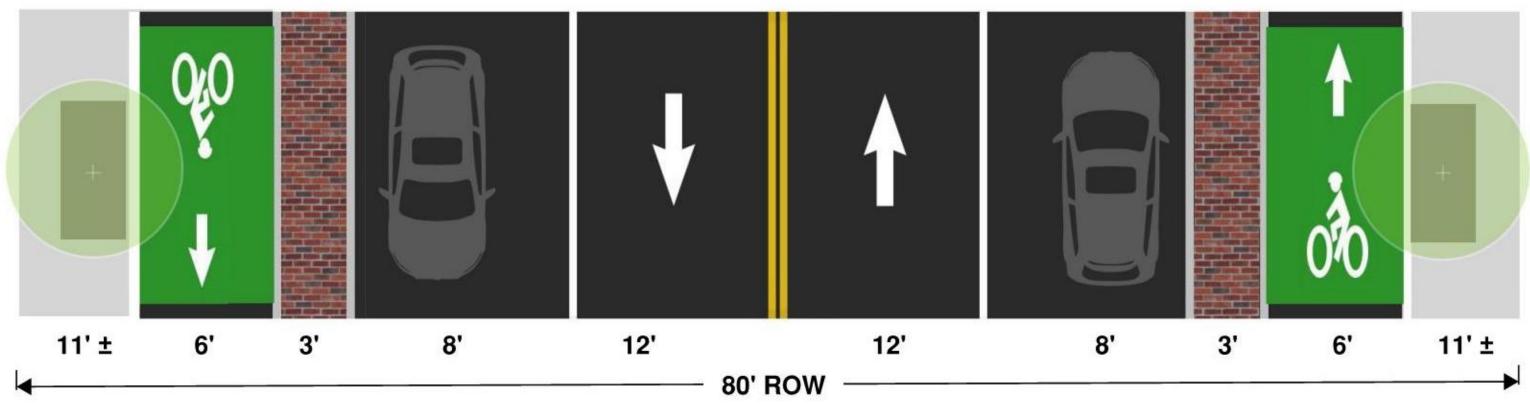












## **Concept No. 4 – Two Lanes** Without Median

<u>Advantages</u>	
	Reduced
	Speeds
	Wider Sic
	Shortest (
	Better En
	Vehicle A
	Easier Sno
Dis-Advanta	
$\bigcirc$	Full acco

# Full access to $\bigcirc$ vehicles

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City of Boston<br/>Water & Sewer<br/>CommissionÉCity of Boston<br/>TransportationÉCity of Boston<br/>Disabilities CommissionBoston Public Works<br/>DepartmentOffice of Neighborhood<br/>ServicesMassachusetts Bay<br/>Transportation Authority

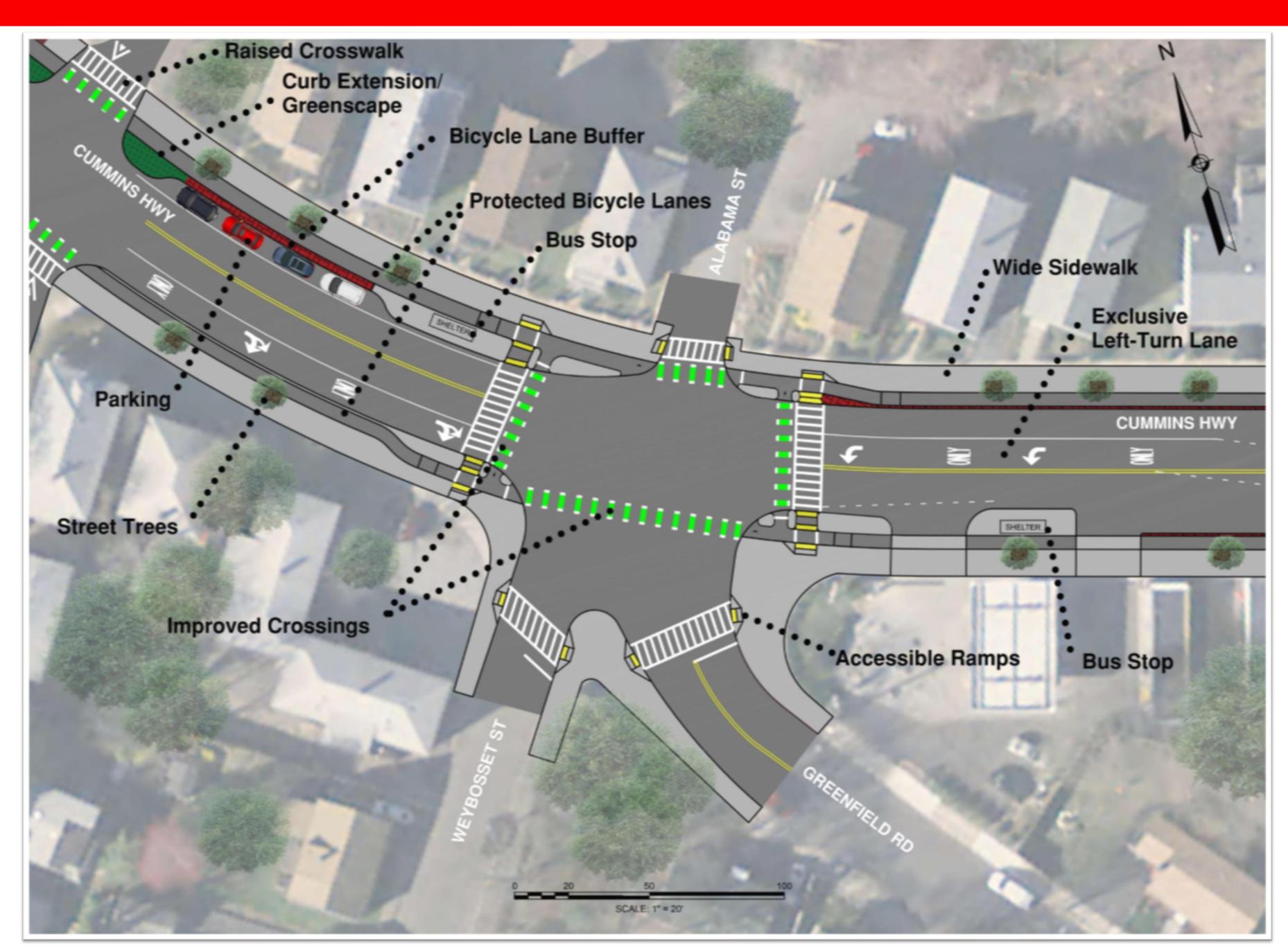
# **STATION NO. 1**

## Vehicle

## Jewalks Crosswalks nergency ccess ow Removal

ages driveways creates more conflicts with





## **Cummins Highway / Greenfield Road Traffic Signal**

### Advantages

- **Pedestrian signal gives clear indication** when to cross
- **Bicycles have more direct crossing**

### **Dis-Advantages**

- **Higher vehicle speeds**
- No traffic calming off-peak
- Longer crosswalks
- Signal maintenance and power costs
- More vehicle conflicts









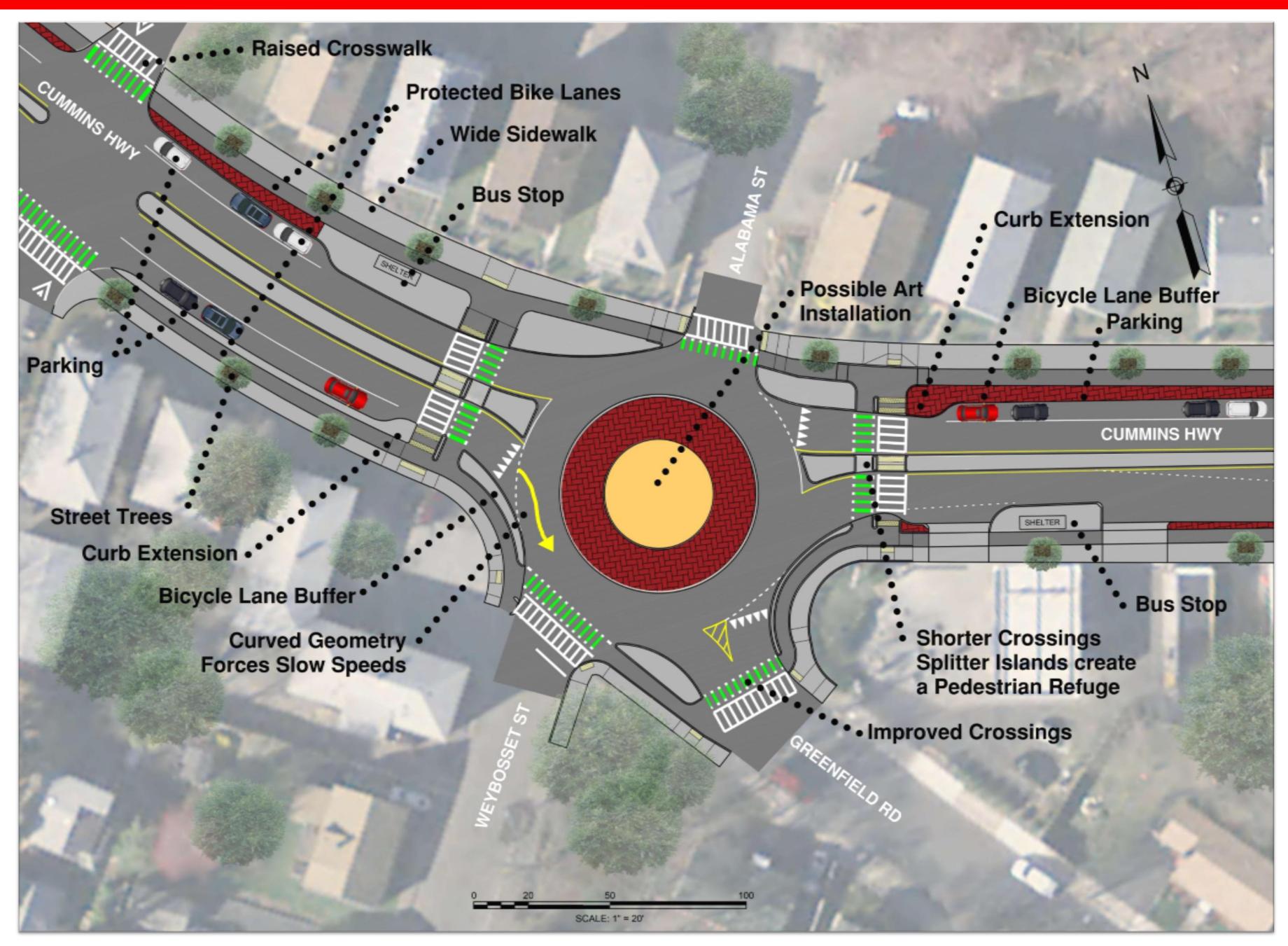
# **TRAFFIC SIGNAL vs. ROUNDABOUT**











### **Cummins Highway / Greenfield Road** Roundabout

### Advantages

- **Reduced Vehicle Speeds**
- **Continuous traffic calming during "off peak"**  $\checkmark$ periods
- **Shortest Crosswalks**
- Less Delay for Pedestrians  $\checkmark$
- Lower maintenance costs  $\checkmark$ 
  - Less vehicle conflicts

### **Dis-Advantages**

 $\checkmark$ 

- Pedestrians use judgement to cross during gaps Ο in traffic
- **Bicycle crossing slightly longer** Ο





**City Of Bostor** Martin J. Walsh, Mayor

