

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













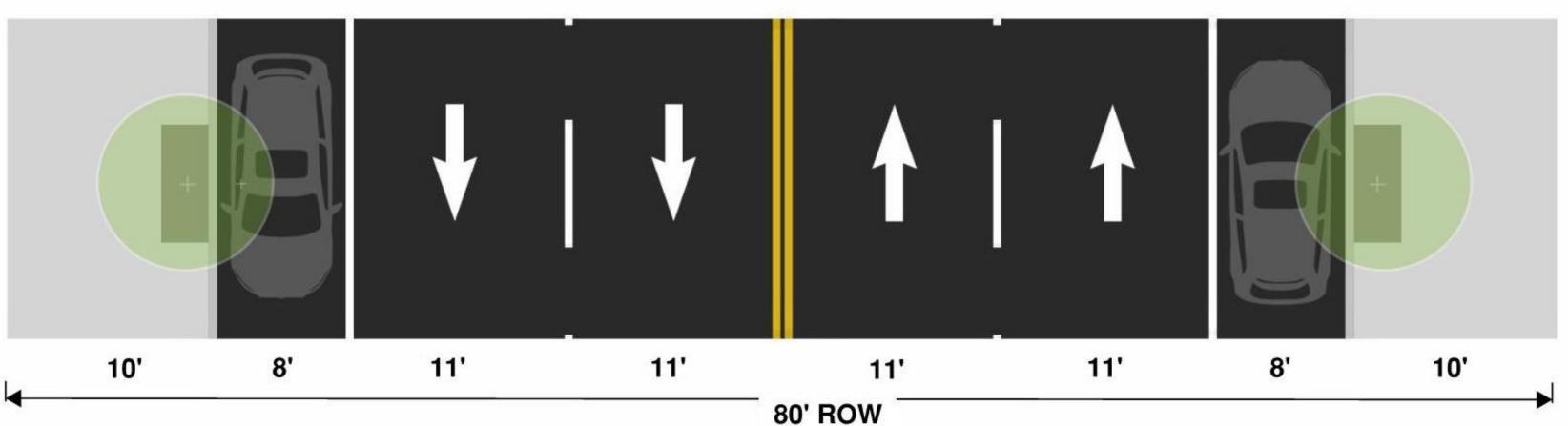












Concept No. 2 – Four Lanes Without Median

Advantages

- \checkmark
- \checkmark
- \checkmark

Dis-Advantages

- Long Crosswalks 0
- Ο

CUMMINS HIGHWAY PROJECT PUBLIC MEETING FEBRUARY 27, 2020



STATION NO. 1

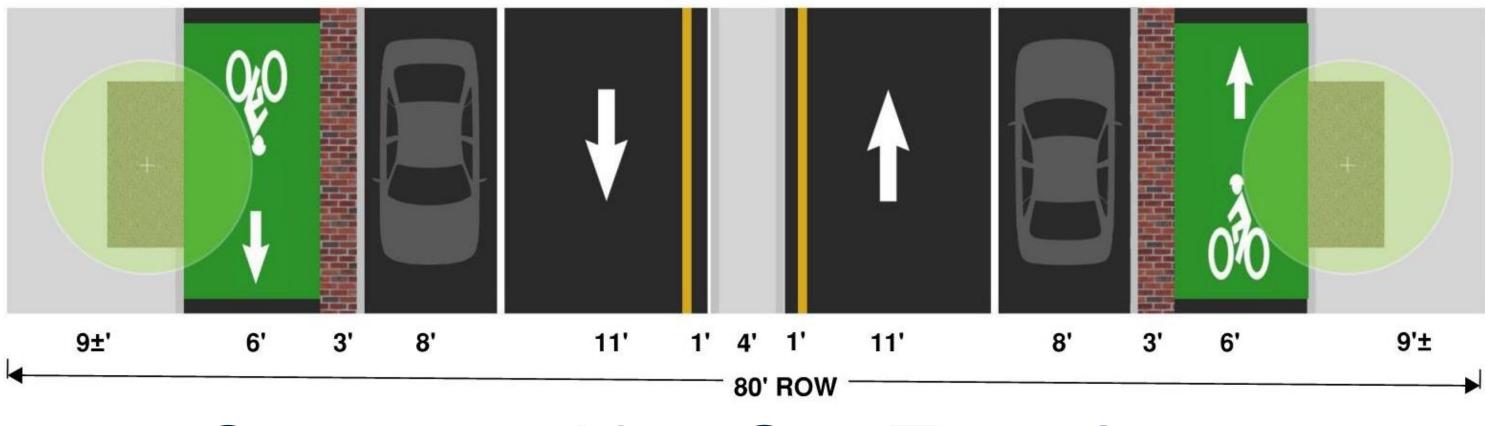
Improved Bus Stops New Street Lighting New Street Trees

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





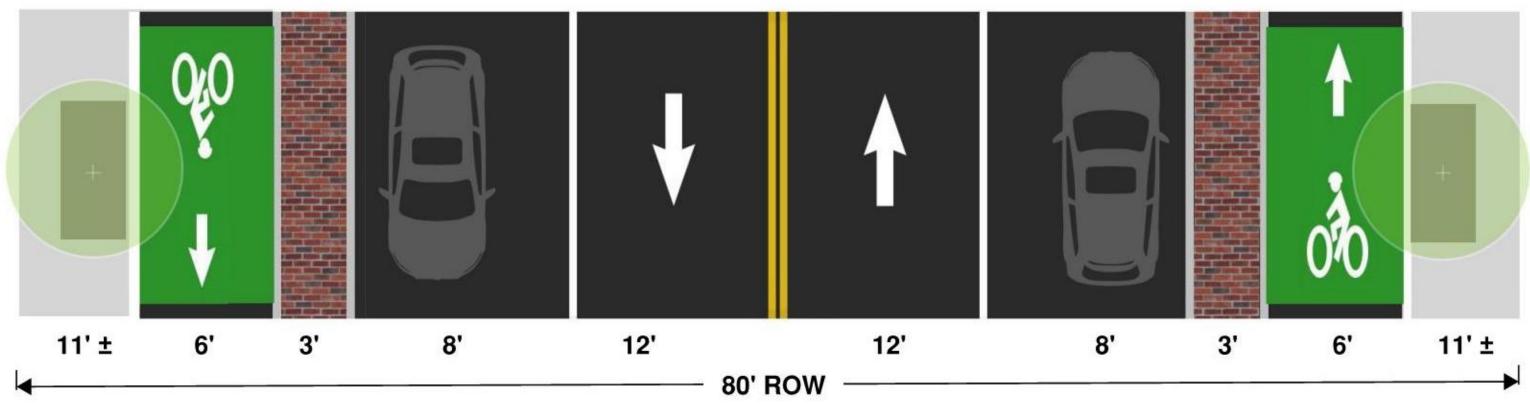












Concept No. 4 – Two Lanes Without Median

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

Full access to \bigcirc vehicles

CUMMINS HIGHWAY PROJECT PUBLIC MEETING FEBRUARY 27, 2020

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

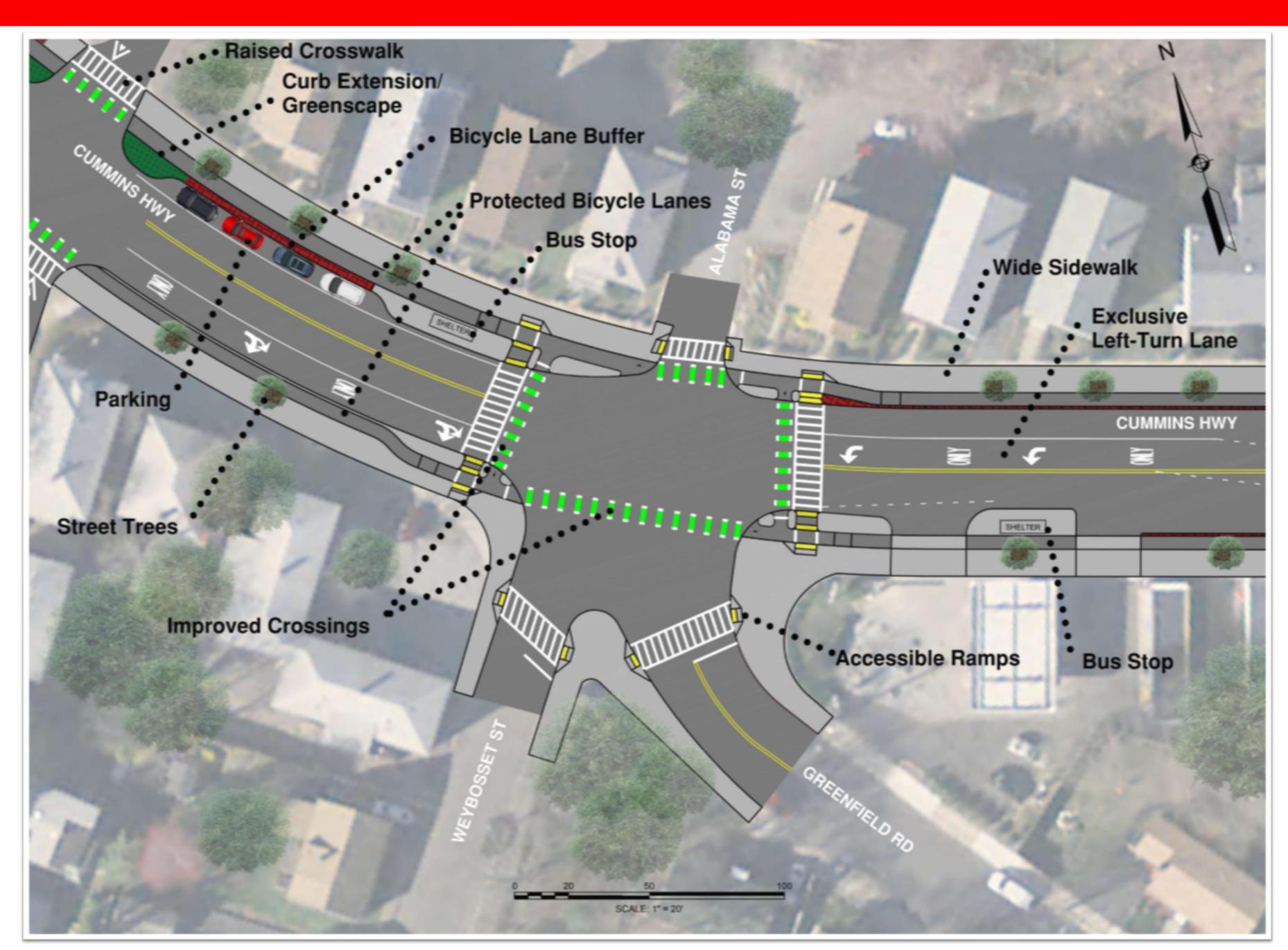
STATION NO. 1

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









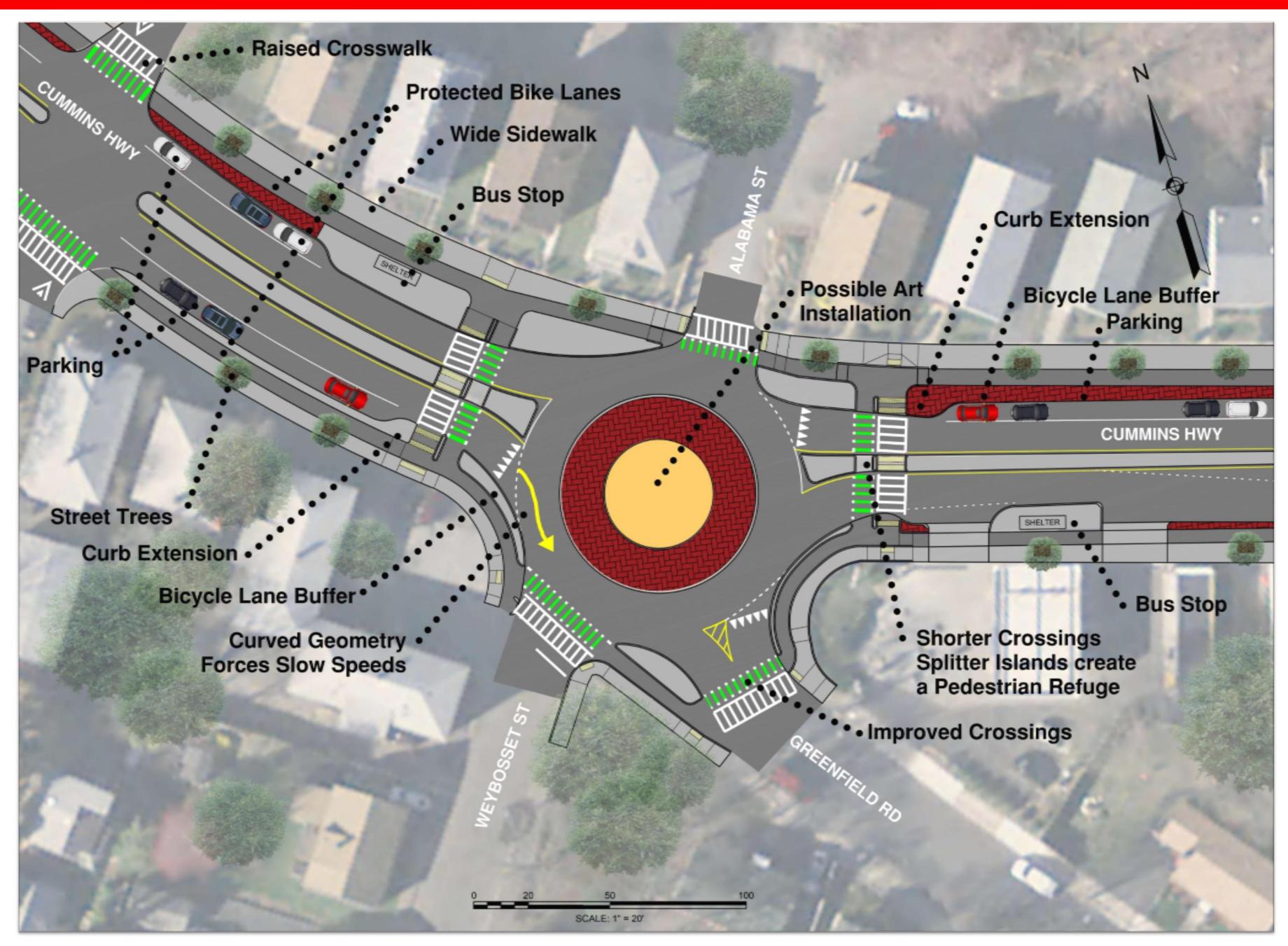
TRAFFIC SIGNAL vs. ROUNDABOUT











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

