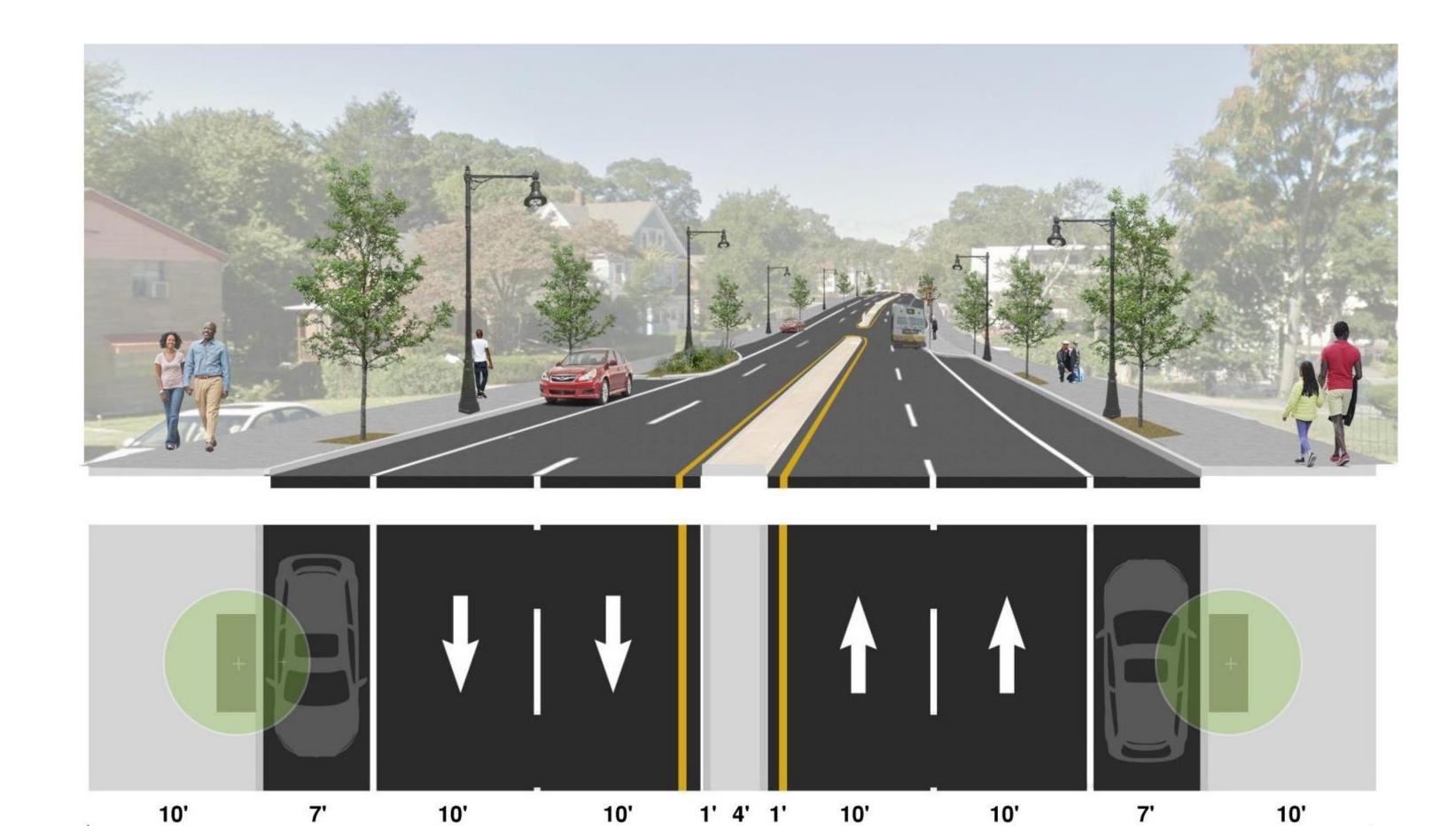
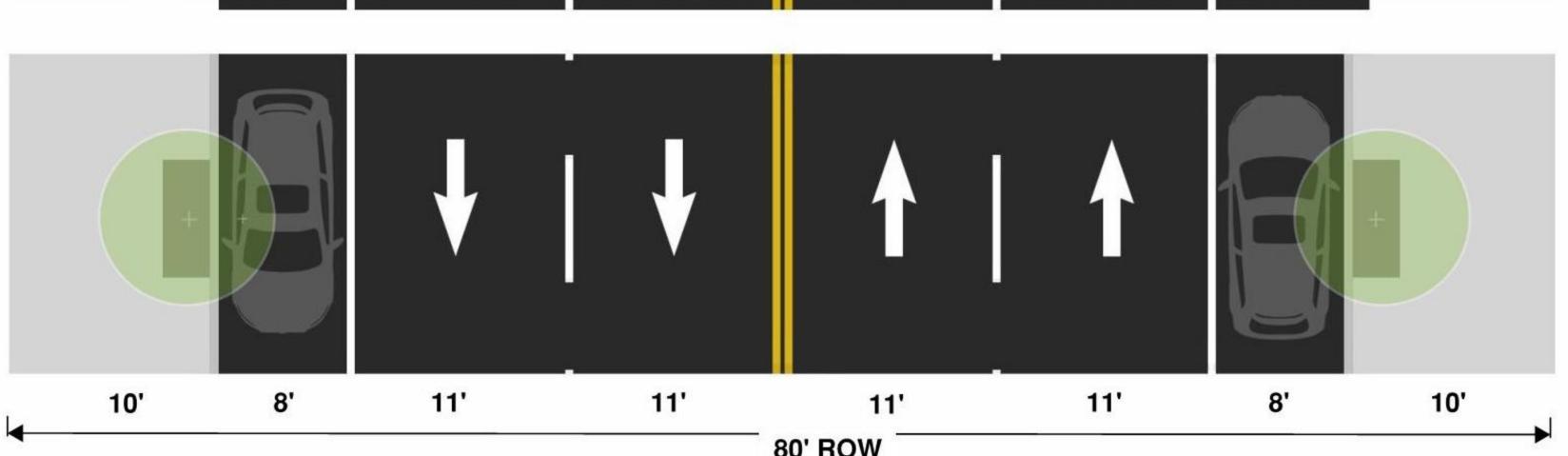
# ROADWAY CONCEPTS



## Concept No. 1 – Four Lanes With Median

# Advantages **NOTES** ✓ Improved Bus Stops ✓ New Street Lighting ✓ New Street Trees Dis-Advantages No Speed Reduction Long Crosswalks No Bicycle Facility





# Concept No. 2 – Four Lanes Without Median

#### Advantages

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

#### Dis-Advantages

- No Speed Reduction
- Long Crosswalks
- No Bicycle Facility





















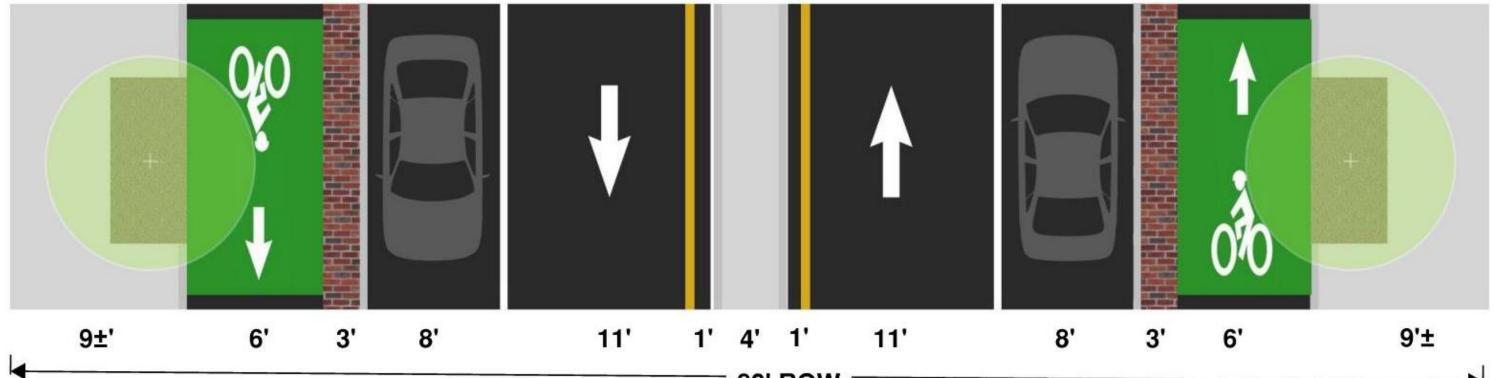






# ROADWAY CONCEPTS





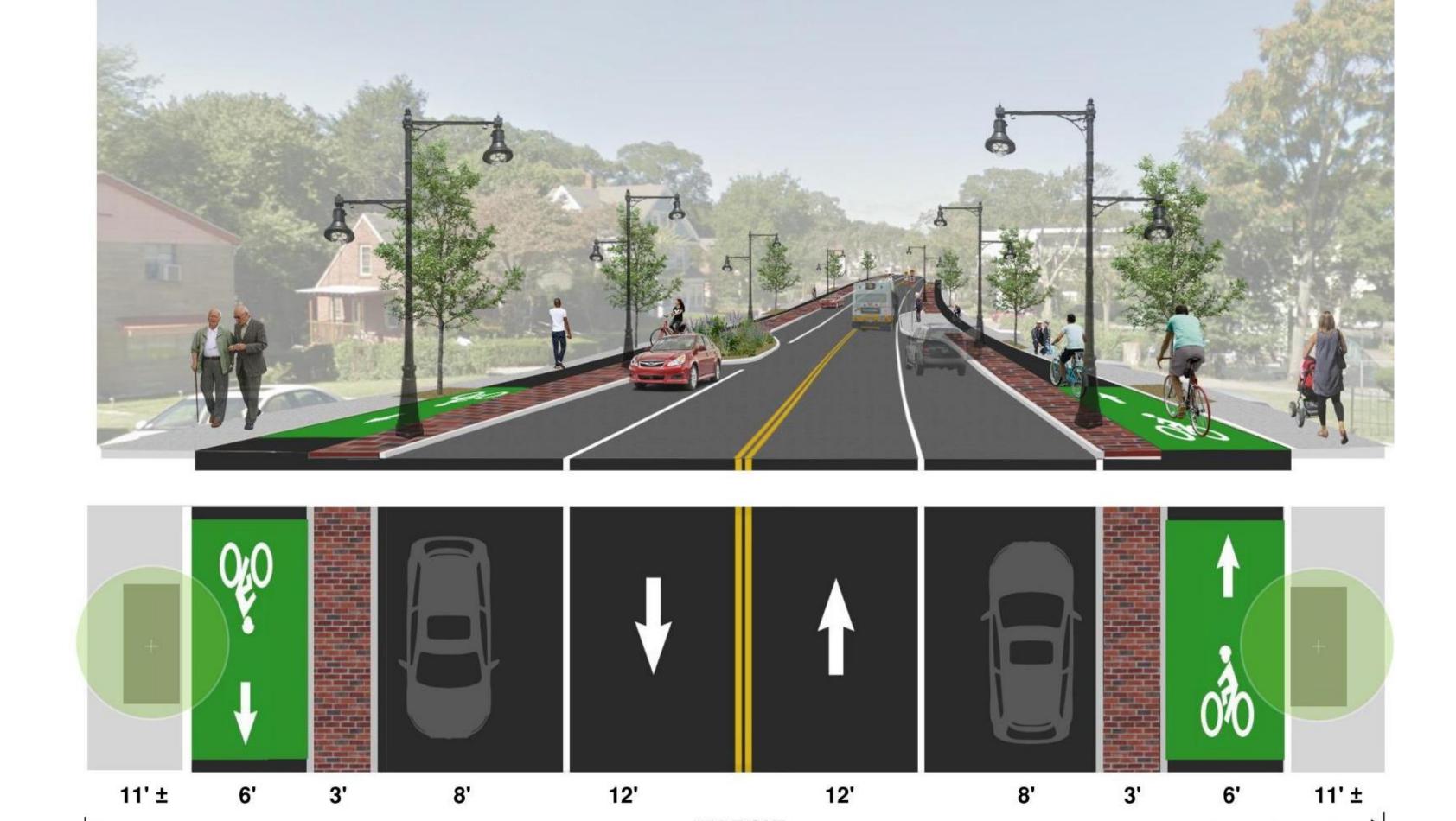
Concept No. 3 – Two Lanes With Median

### Advantages

Less turning conflicts due to median

#### Dis-Advantages

- Higher vehicle speeds
- Narrower sidewalks
- Longer crosswalks
- Emergency vehicles may be stuck behind vehicle queue
- Snow removal more difficult



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

#### Advantages

- Reduced Vehicle Speeds
- Wider Sidewalks
- **Shortest Crosswalks**
- Better Emergency Vehicle Access
- Easier Snow Removal

#### Dis-Advantages

Full access to driveways creates more conflicts with vehicles















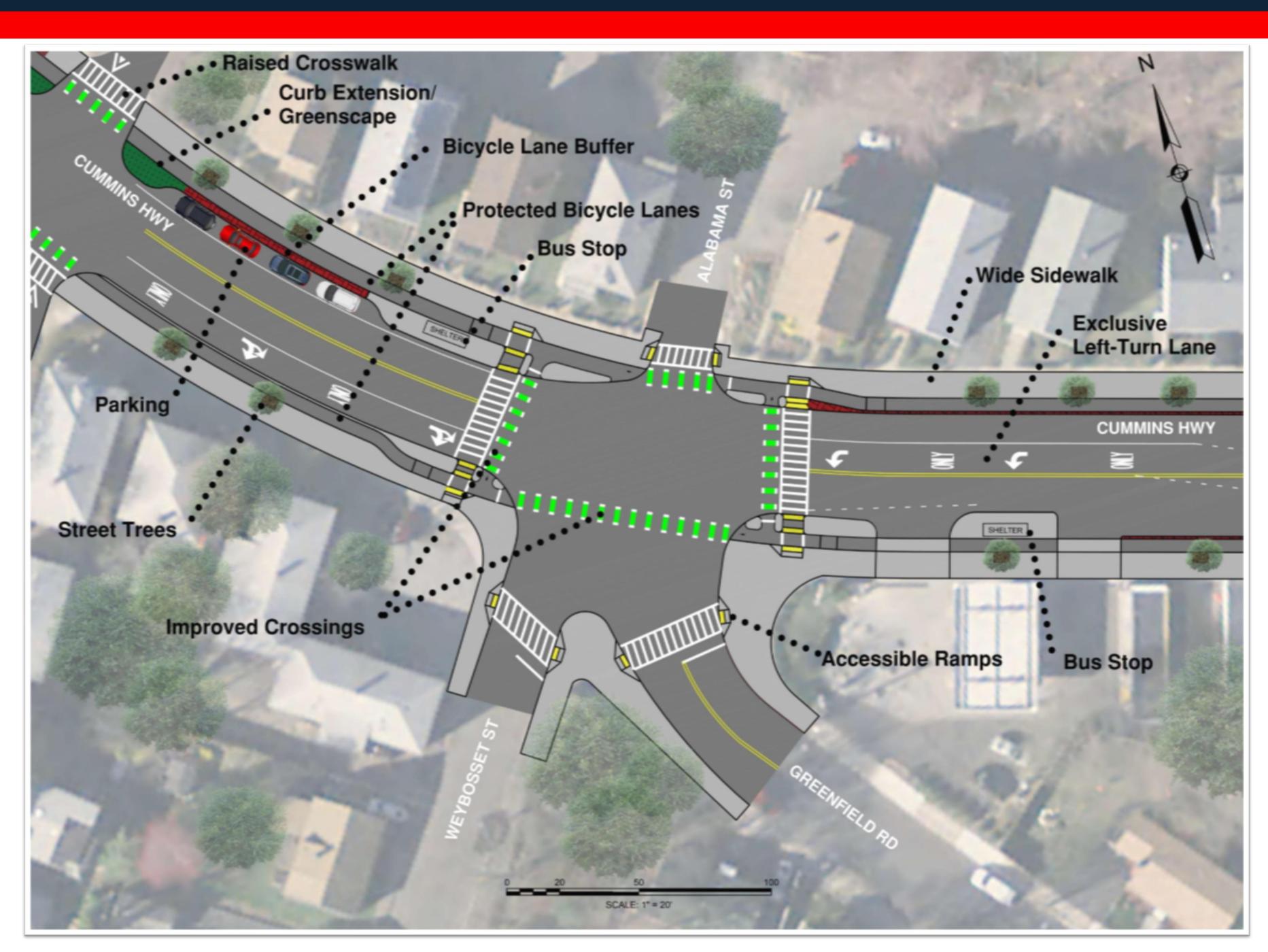






NOTES





# Cummins Highway / Greenfield Road Traffic Signal

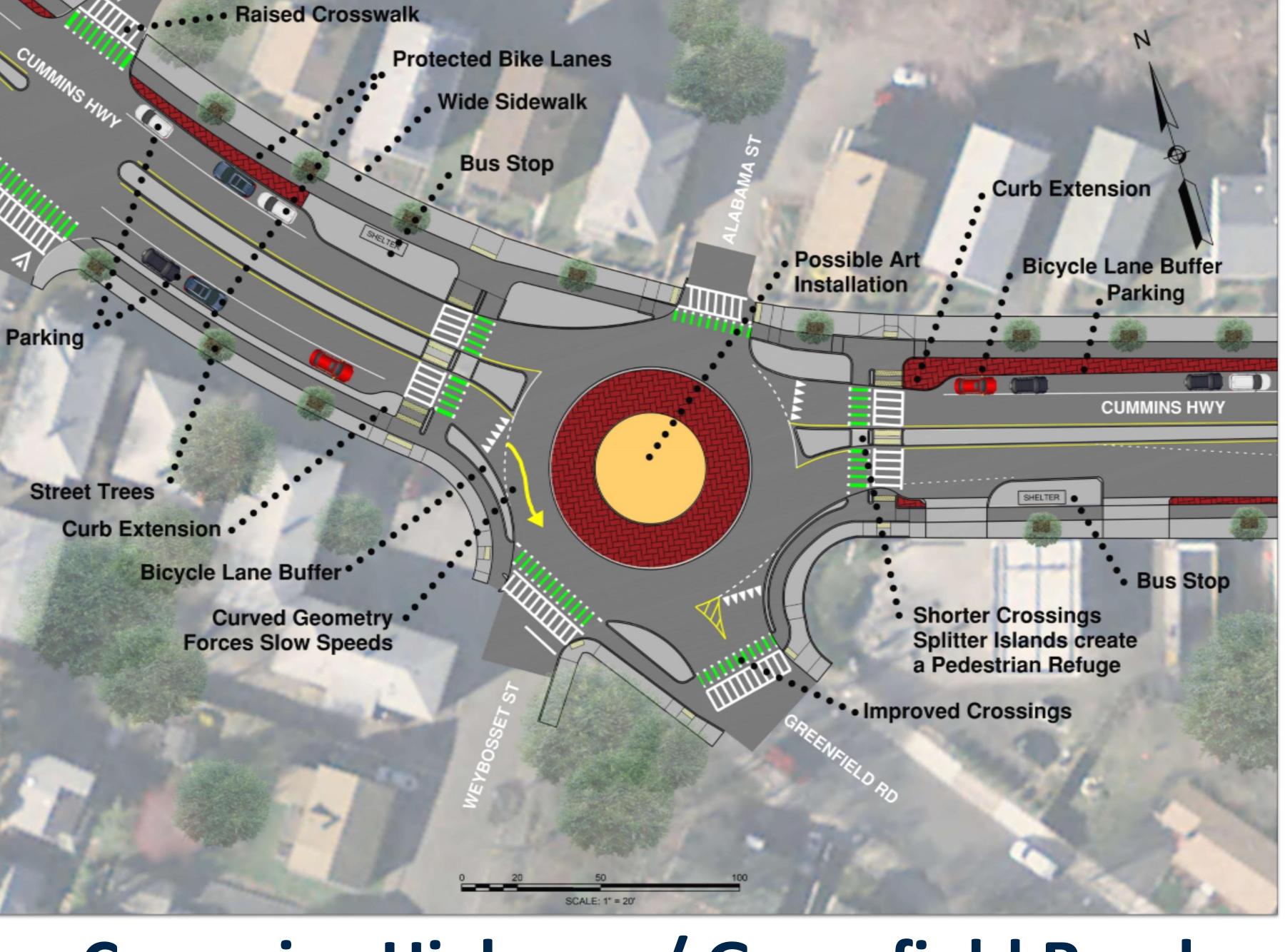
#### Advantages

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

#### **Dis-Advantages**

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

#### **NOTES**



# Cummins Highway / Greenfield Road Roundabout

#### **Advantages**

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

#### **Dis-Advantages**

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



















