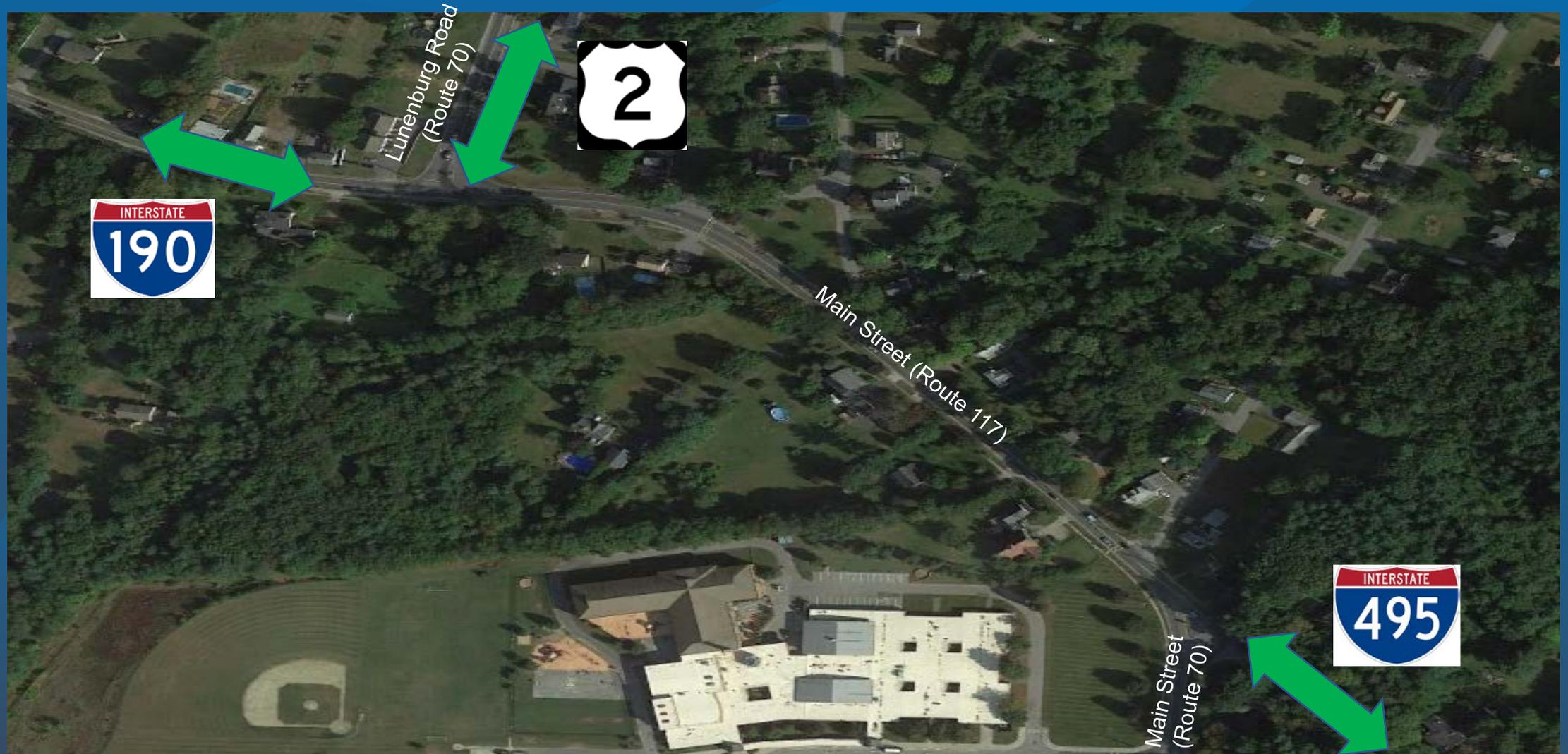


**Main Street (Route 70/117)  
Transportation Improvements  
Town of Lancaster, MA  
MassDOT Project #608779**

**Public Informational Meeting  
January 7, 2019  
7:00 PM**



# Project Location

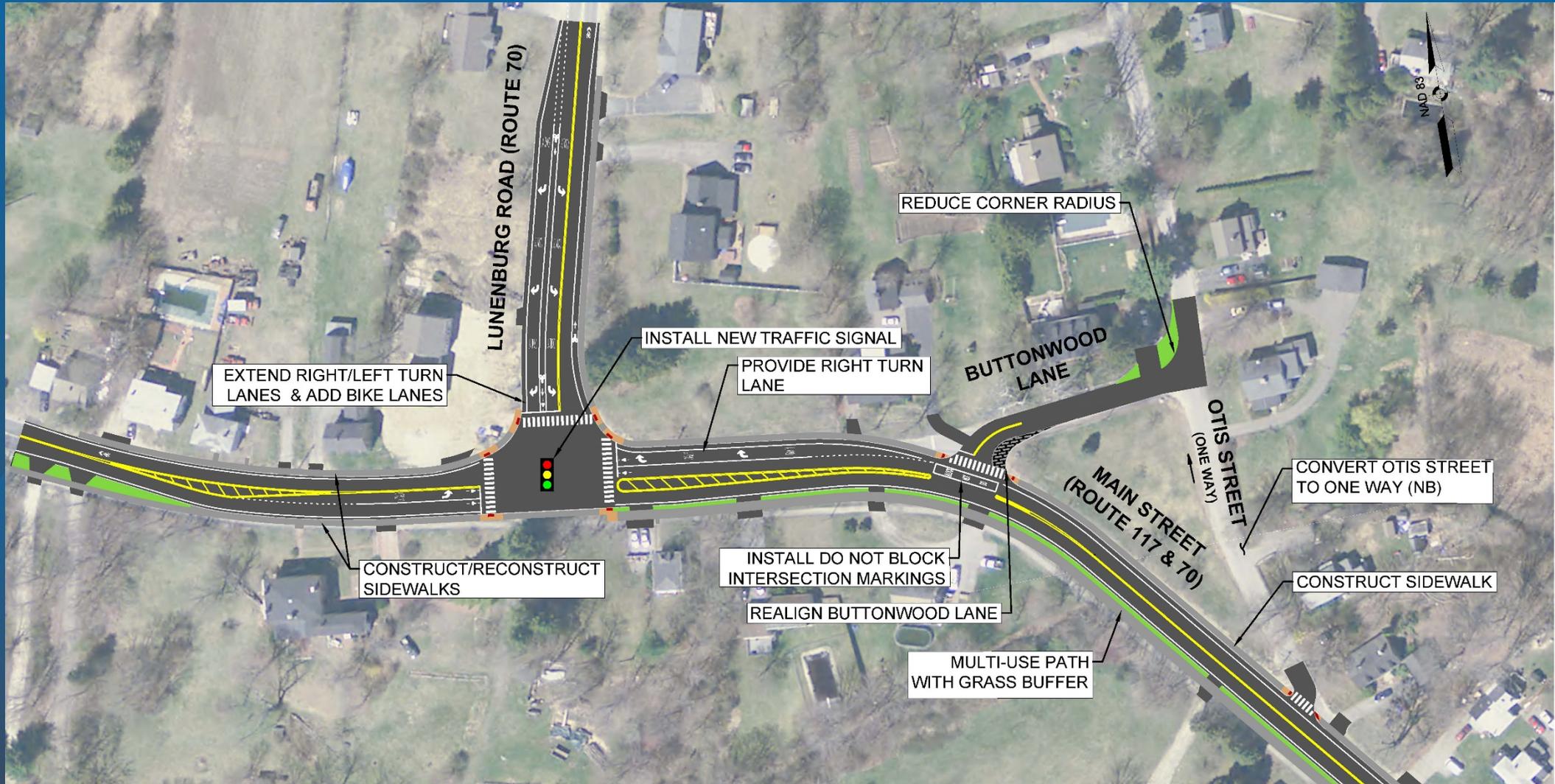


# Project Scope Recap

- 1. Congestion & Crash History | Traffic Signals, Turn Lanes, Protected Left-Turn to Lunenburg Rd**
- 2. Pedestrian Accessibility & Safety | New Sidewalk North Side, Shared-Use Path South Side, New Curb Ramps, Accessible Pushbuttons**
- 3. Safety & Comfort for Bicyclists | Shared-Use Path on Main St, Bike Lanes on Lunenburg Rd**
- 4. Unsafe Crosswalks | Protected Crossings at Signals**
- 5. Drainage Issues | Upgrade Storm Drain System, Install Granite Curb**

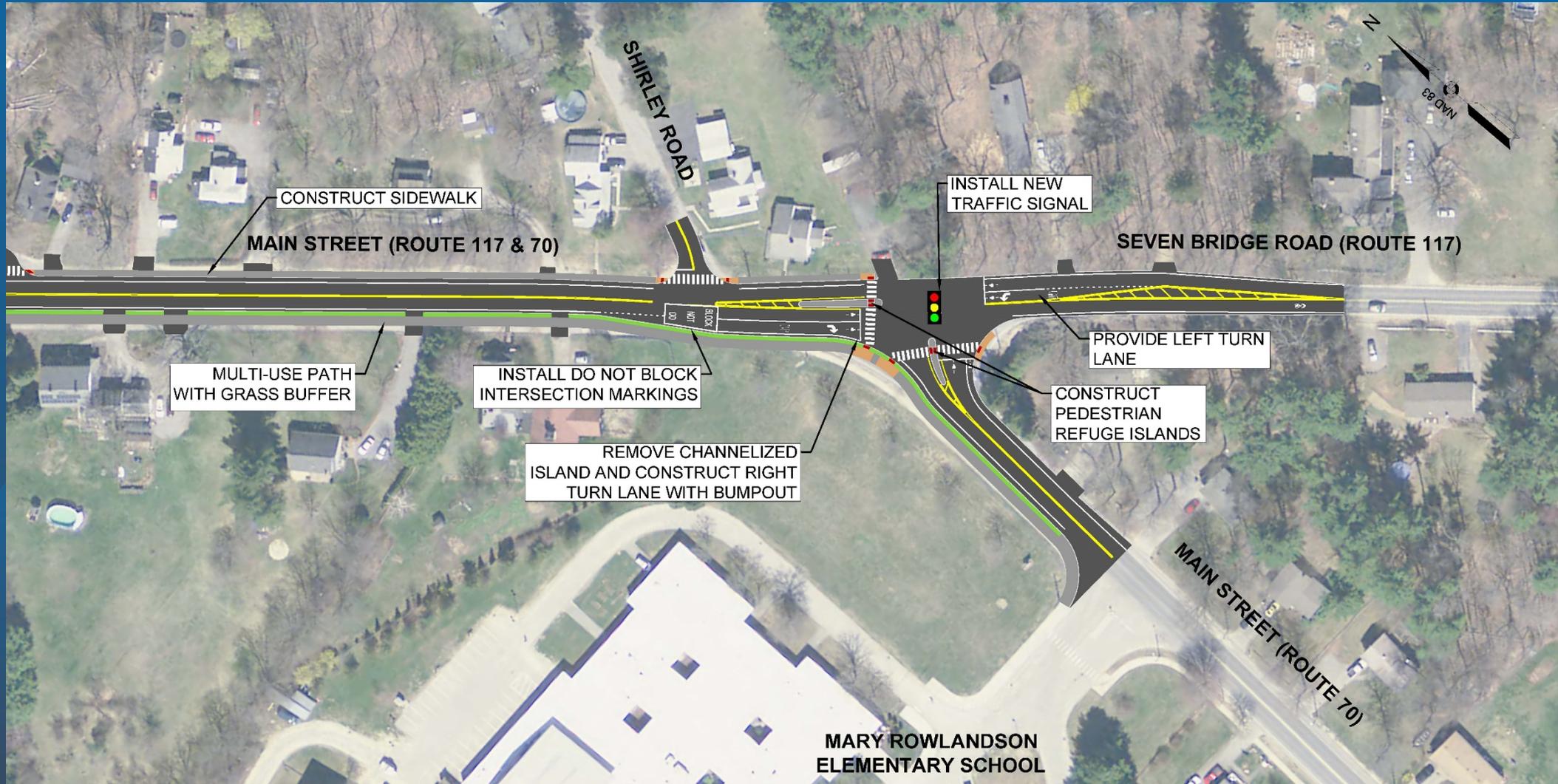
# Proposed Improvements

## Main Street (Route 117) @ Lunenburg Road (Route 70)



# Proposed Improvements

## Main St (Route 70/117) @ Seven Bridge Rd (Route 117)



# Proposed Improvements Main Street (Route 70/117)

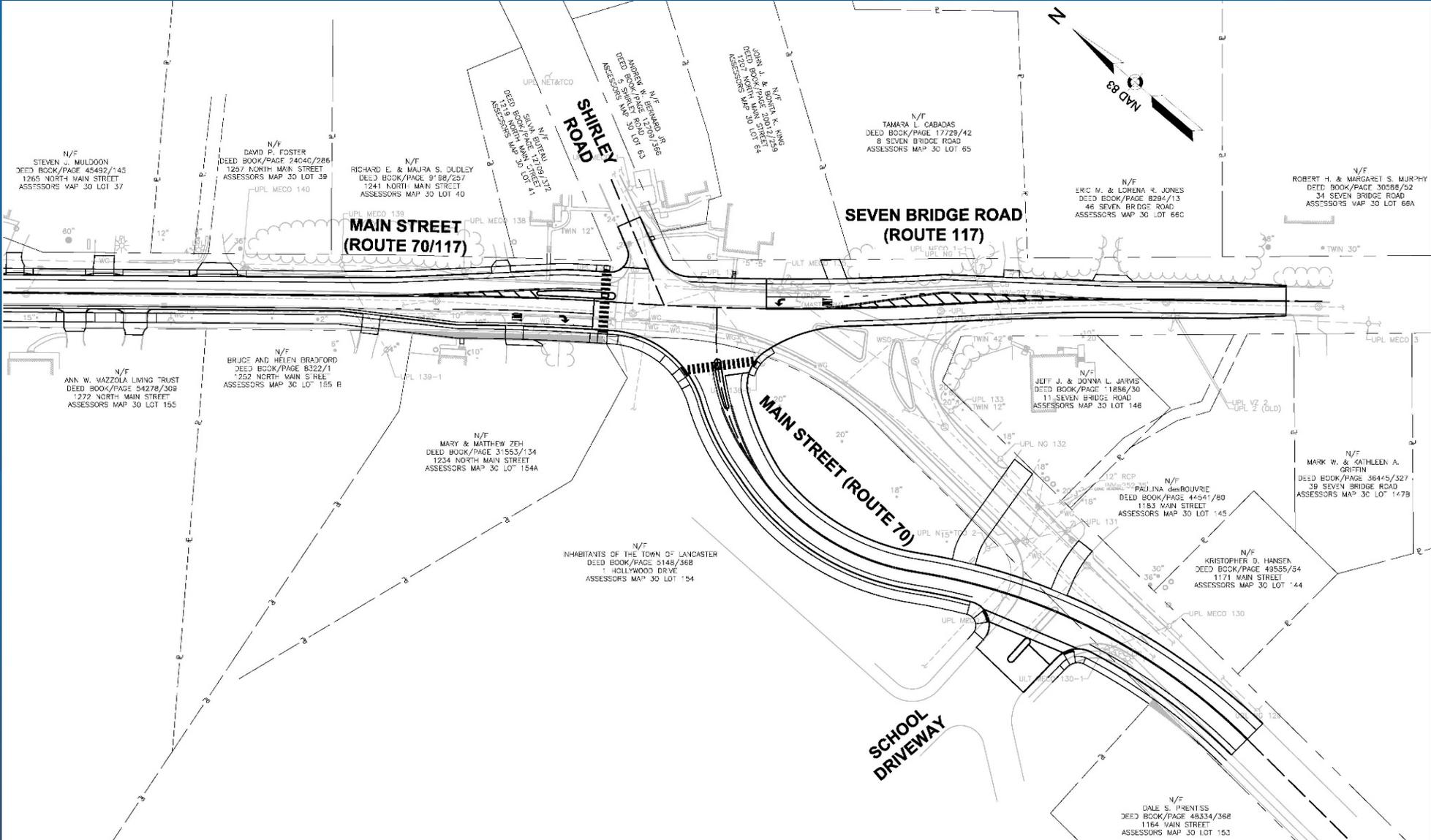




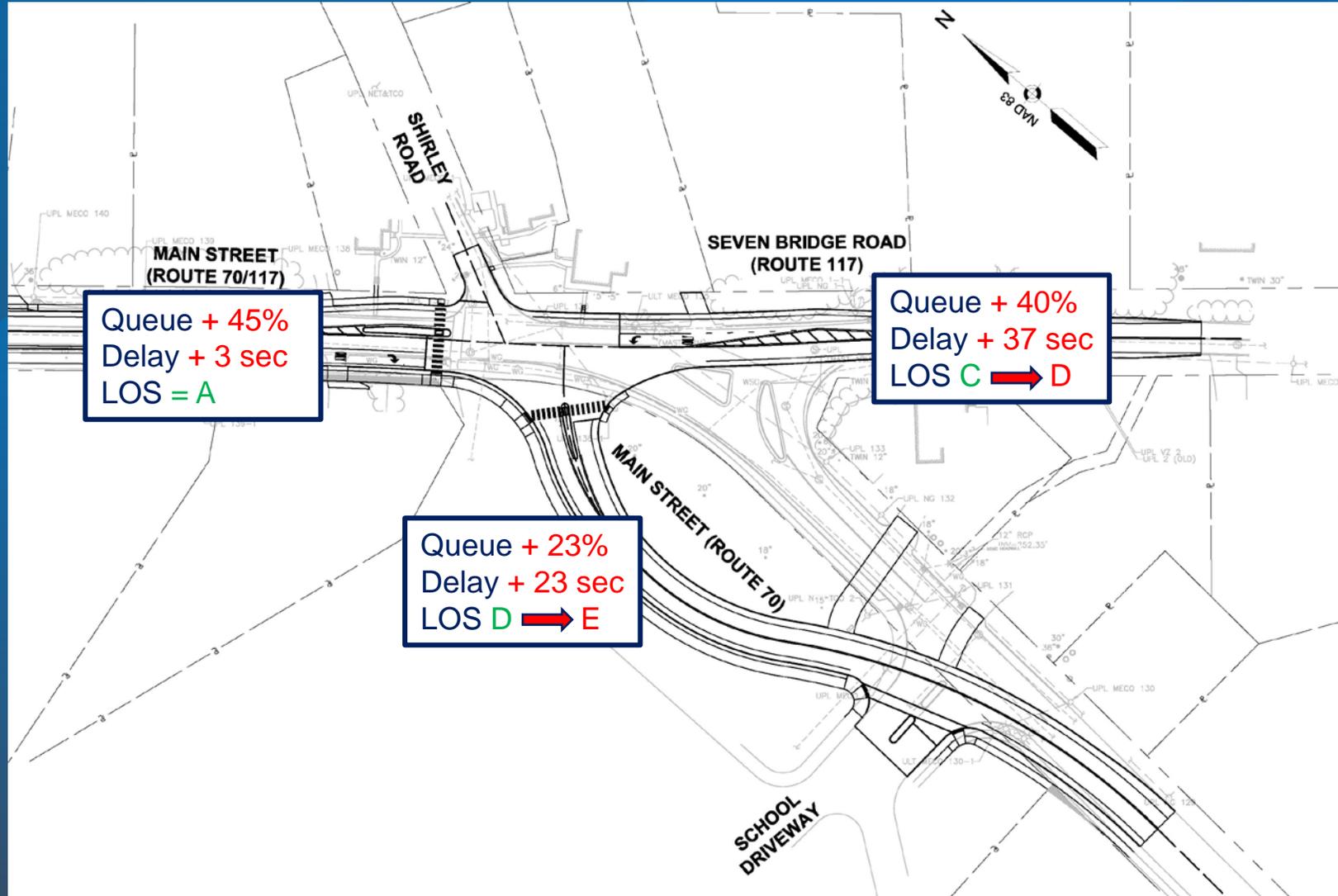
# Project Activities Since 25% Design Public Hearing (May 2018)

- Evaluate realignment of Main Street opposite Shirley Road
- Wetland flagging
- Perform additional survey
- Design Modifications:
  - Otis Street at Buttonwood Lane – reduced curb radius
  - Otis Street to remain open to one-way northbound traffic
  - Add “Do Not Block” intersection markings & signs at Shirley Road & Buttonwood Lane

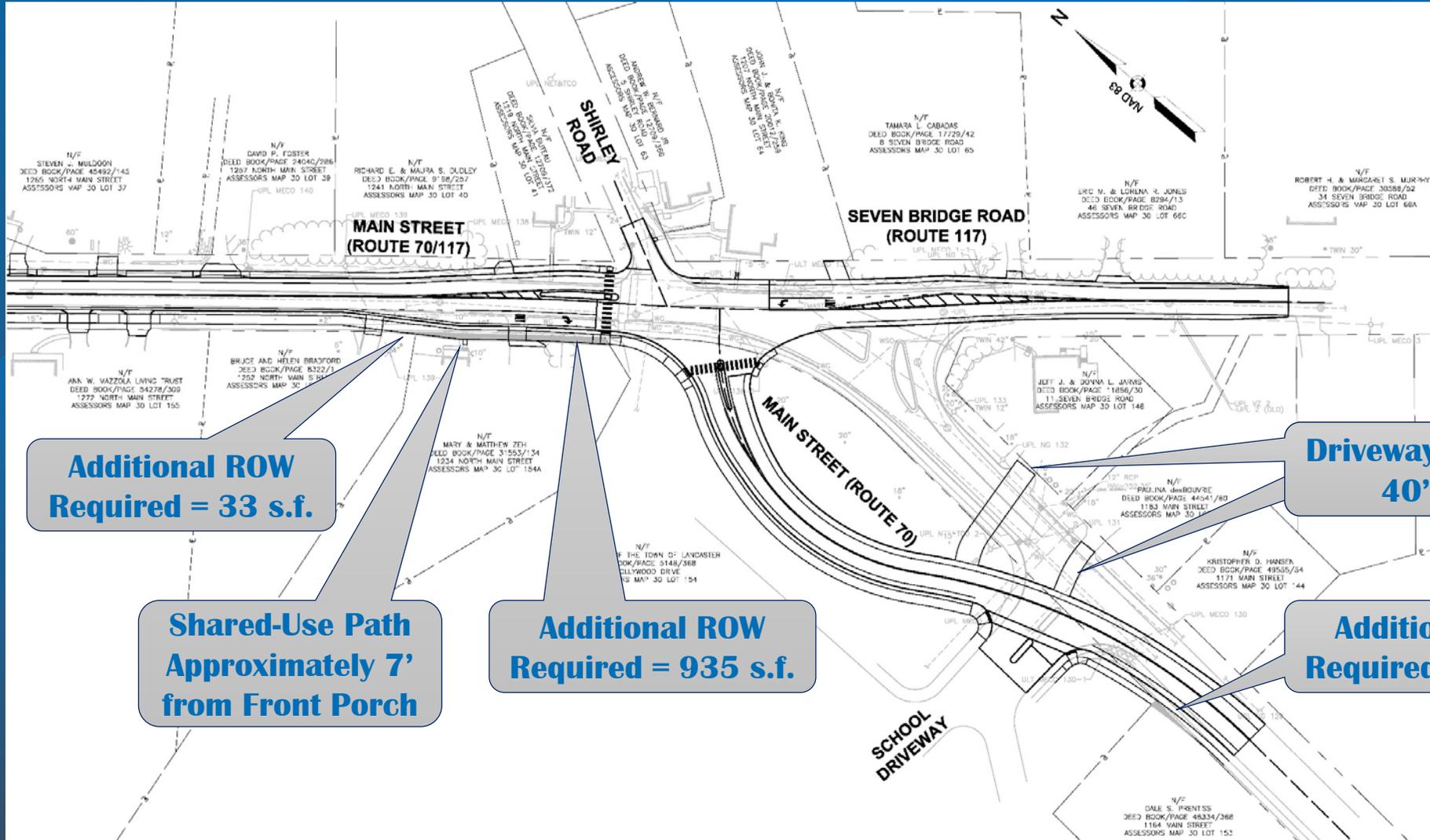
# Potential Main Street Realignment



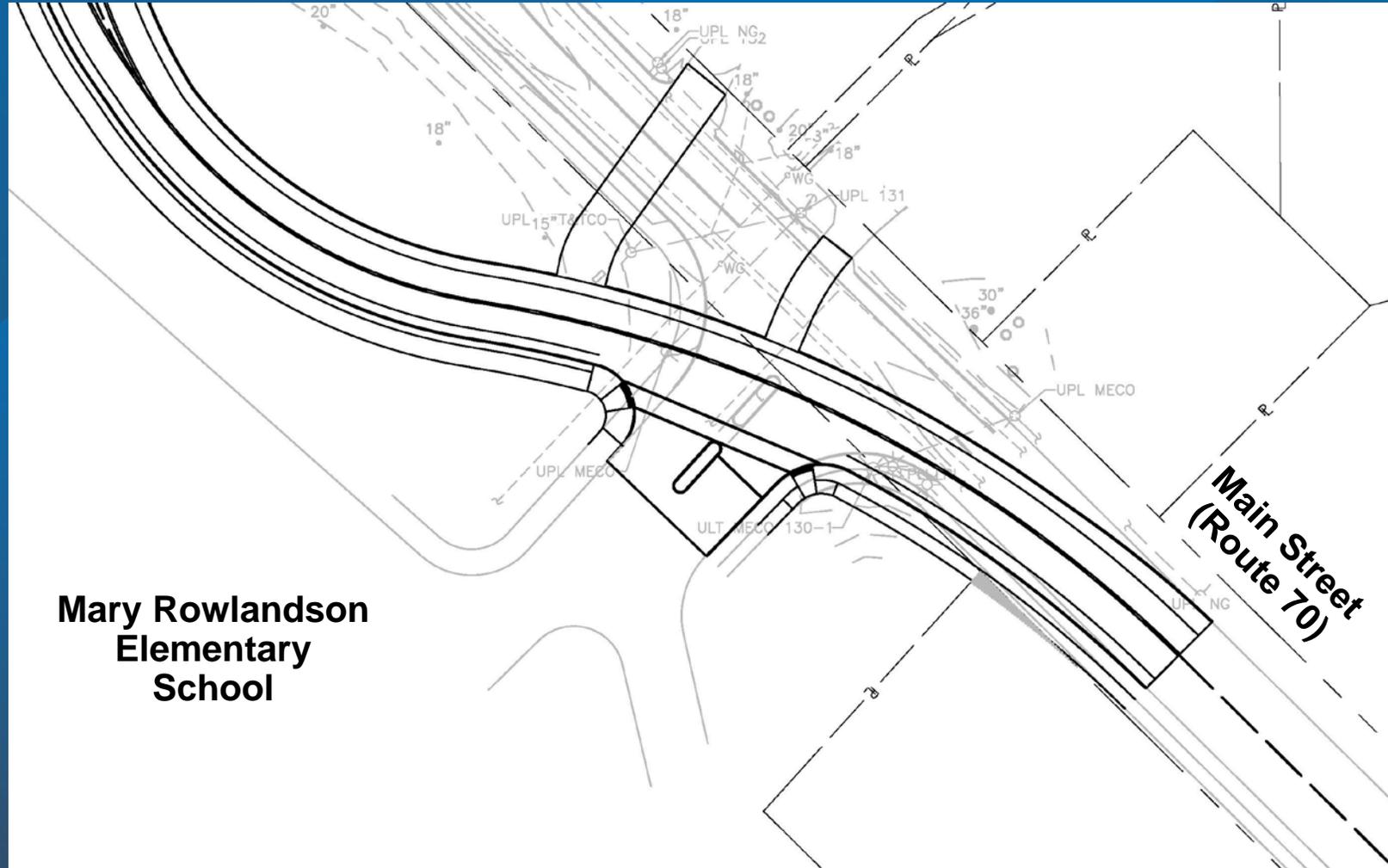
# Potential Main Street Realignment Degraded Operations (PM Peak)



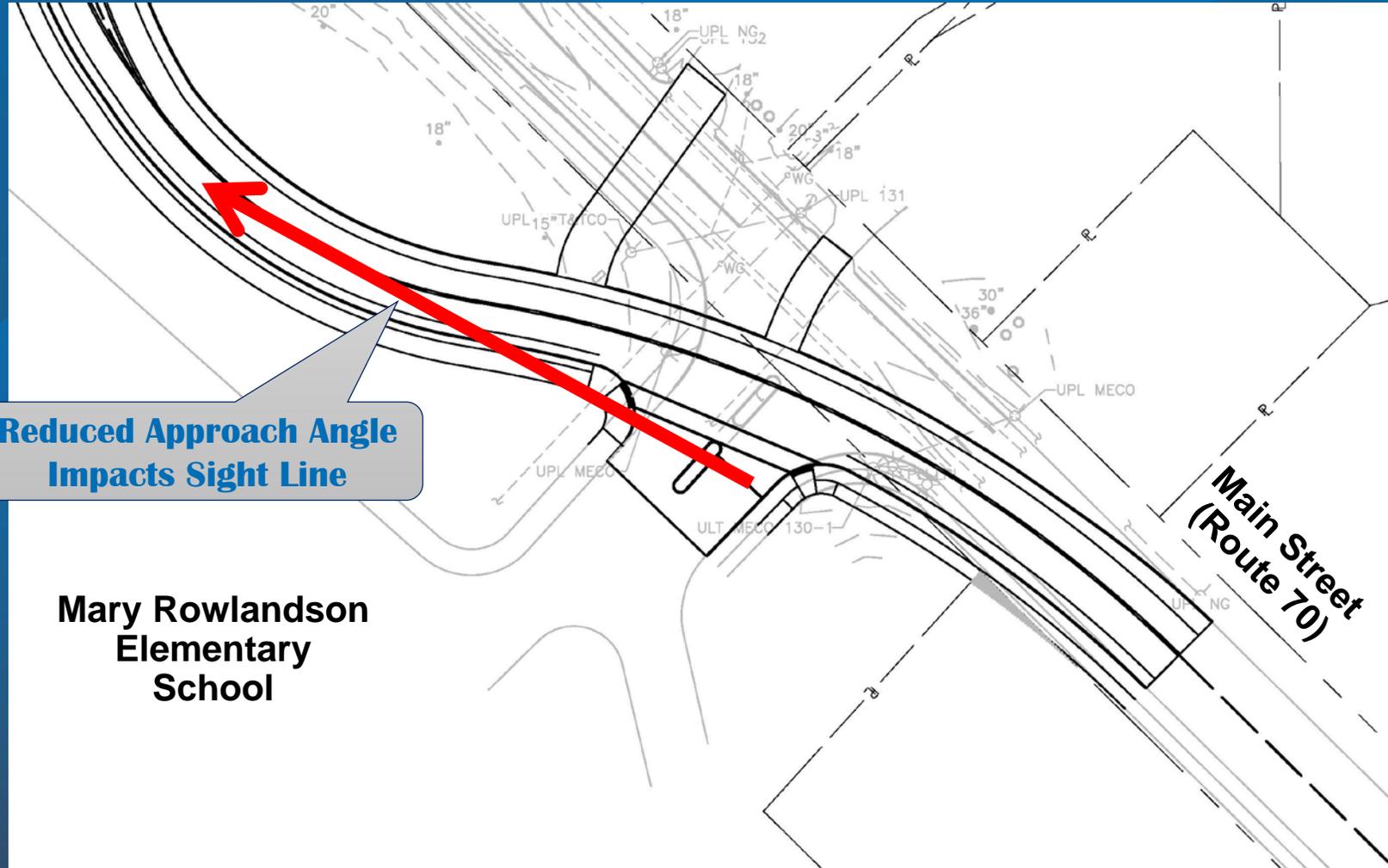
# Potential Main Street Realignment Private Property Impacts



# Potential Main Street Realignment Impacts to School Access & Operations



# Potential Main Street Realignment Impacts to School Access & Operations

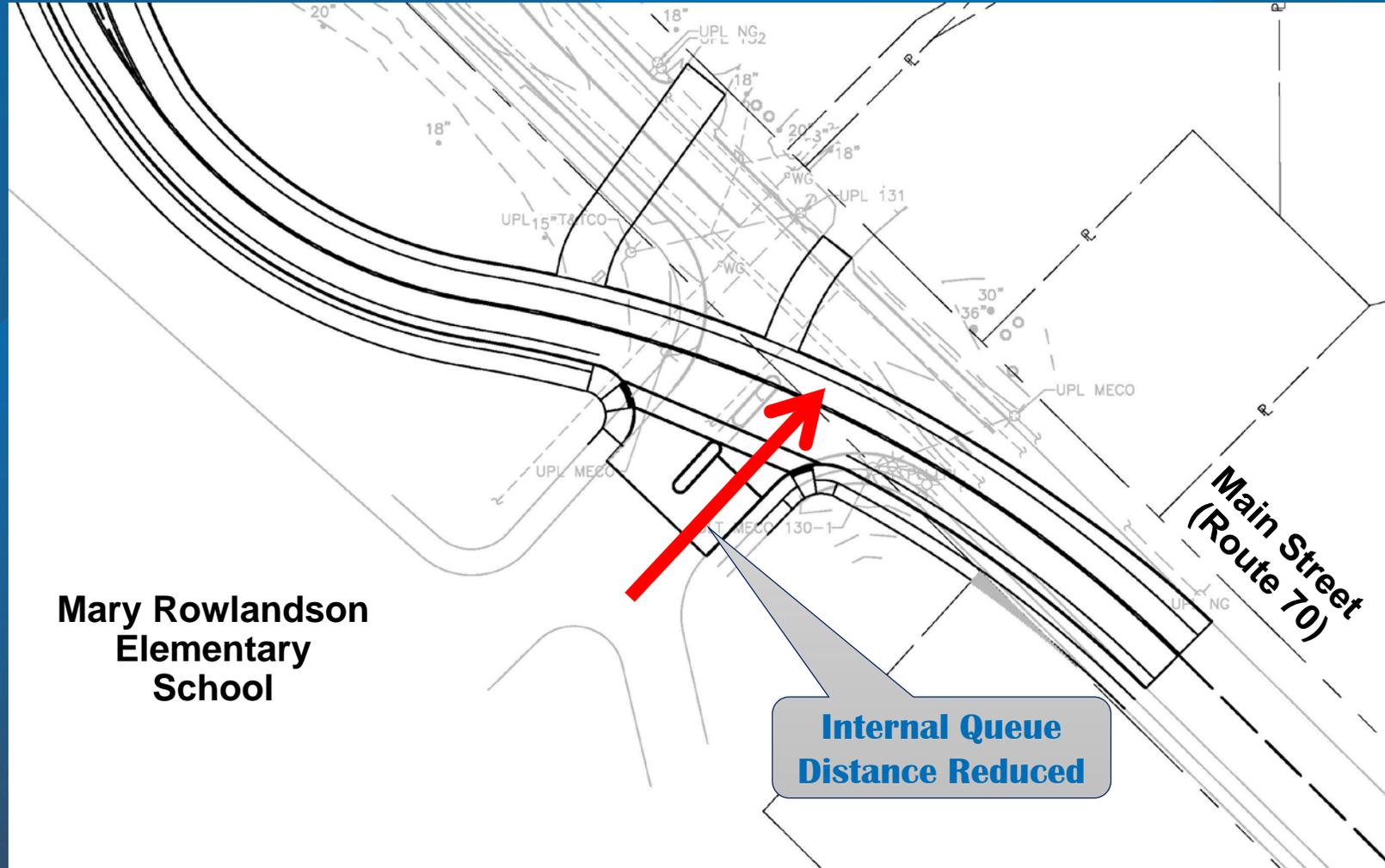


**Reduced Approach Angle  
Impacts Sight Line**

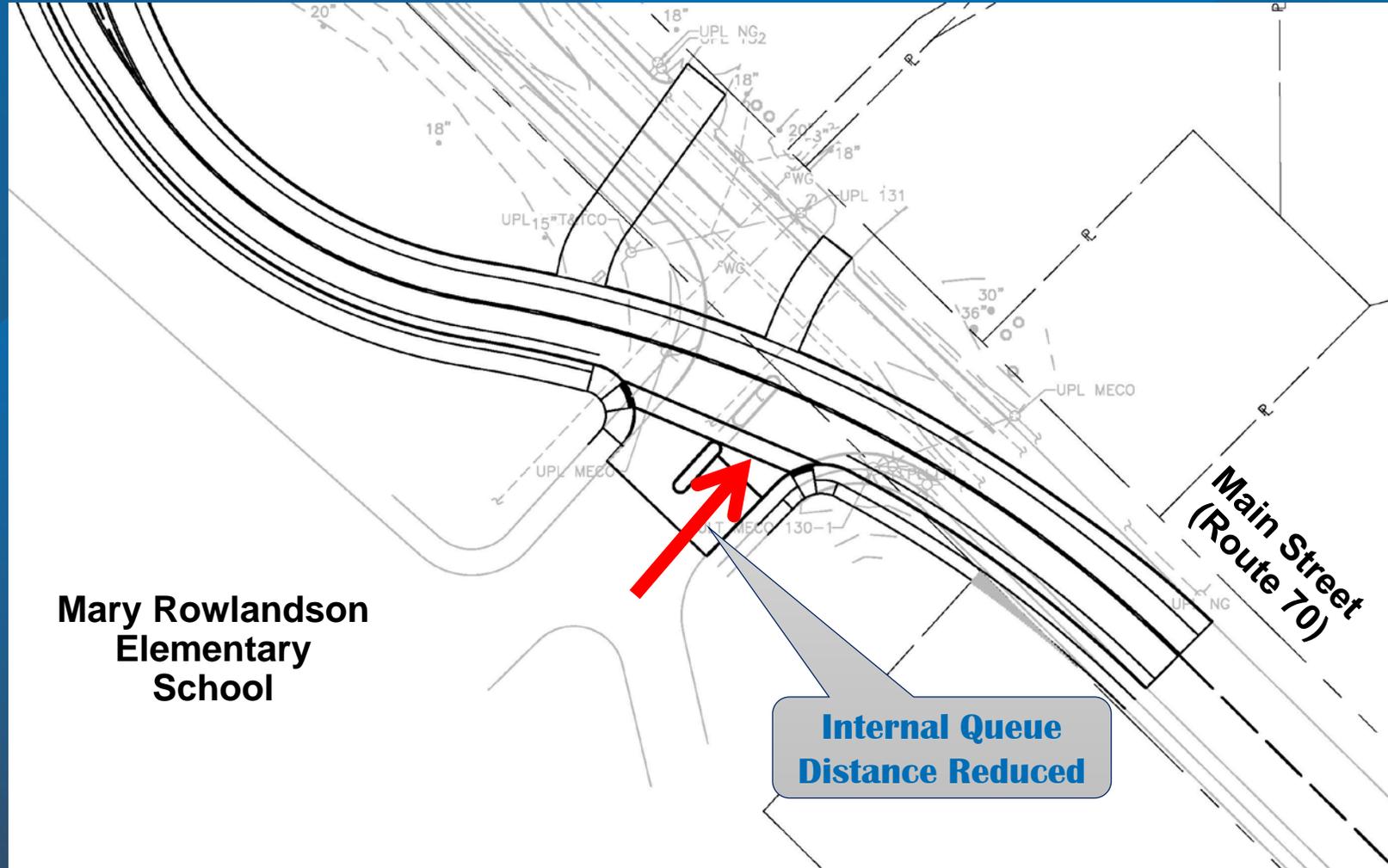
**Mary Rowlandson  
Elementary  
School**

**Main Street  
(Route 70)**

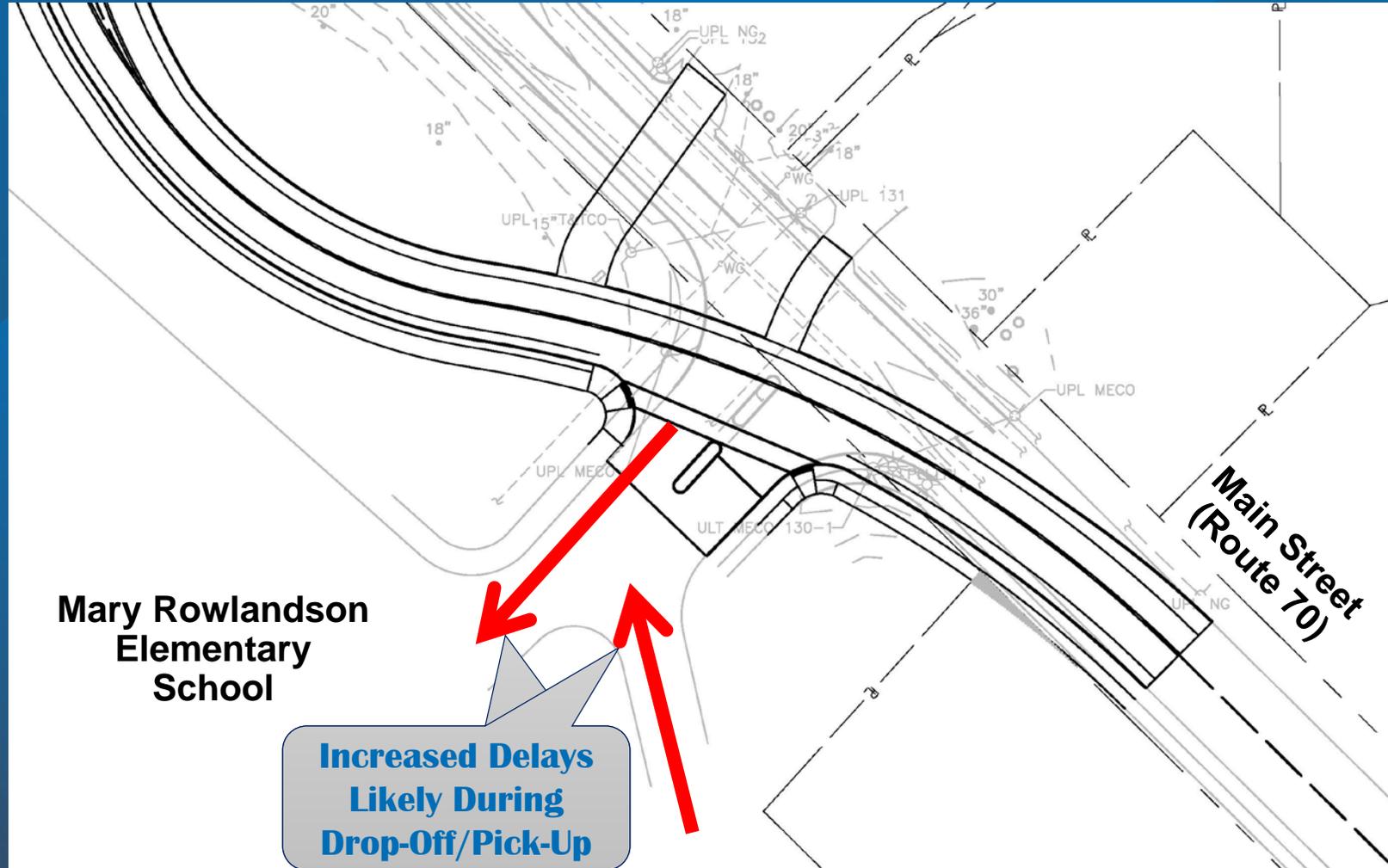
# Potential Main Street Realignment Impacts to School Access & Operations



# Potential Main Street Realignment Impacts to School Access & Operations

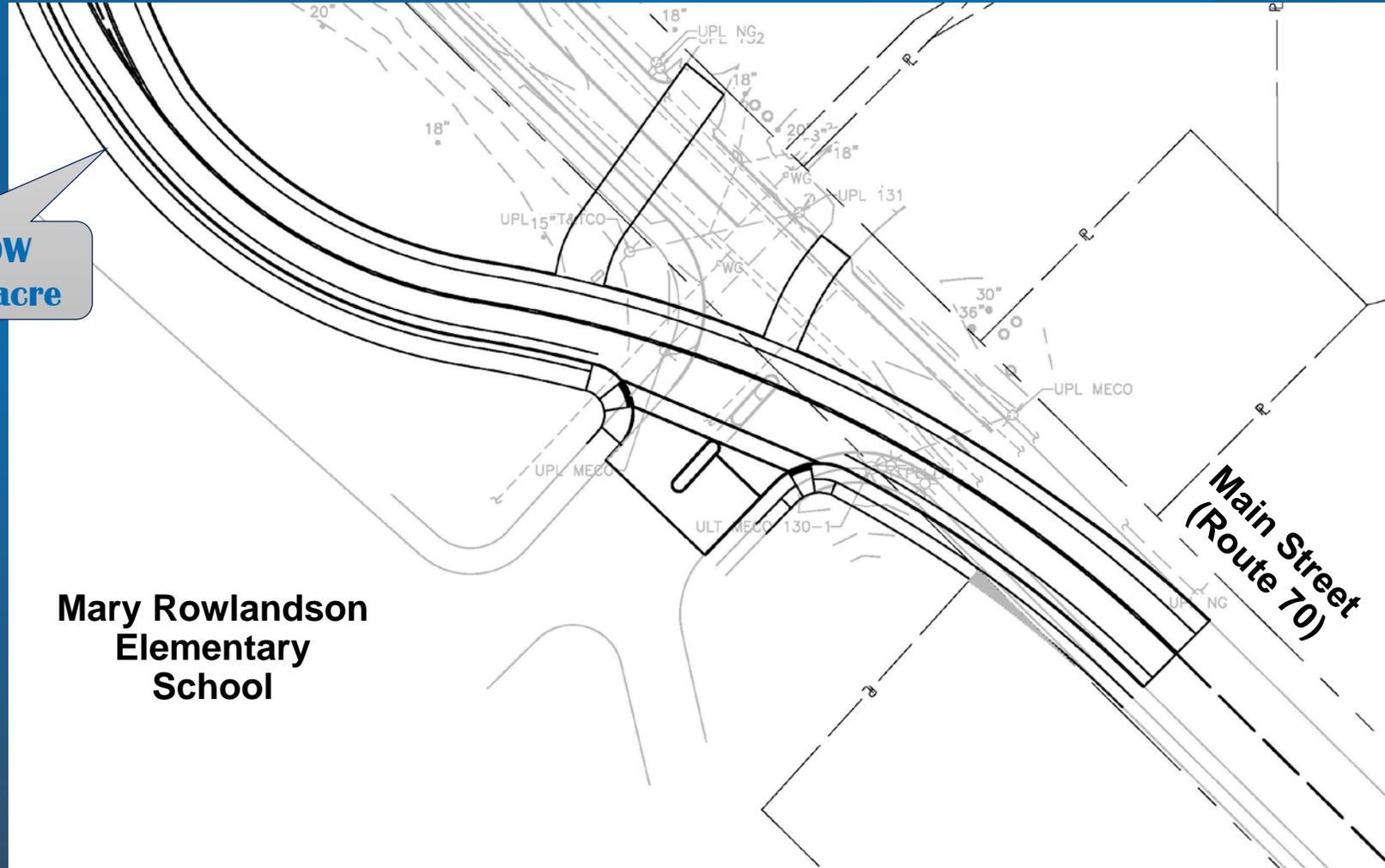


# Potential Main Street Realignment Impacts to School Access & Operations



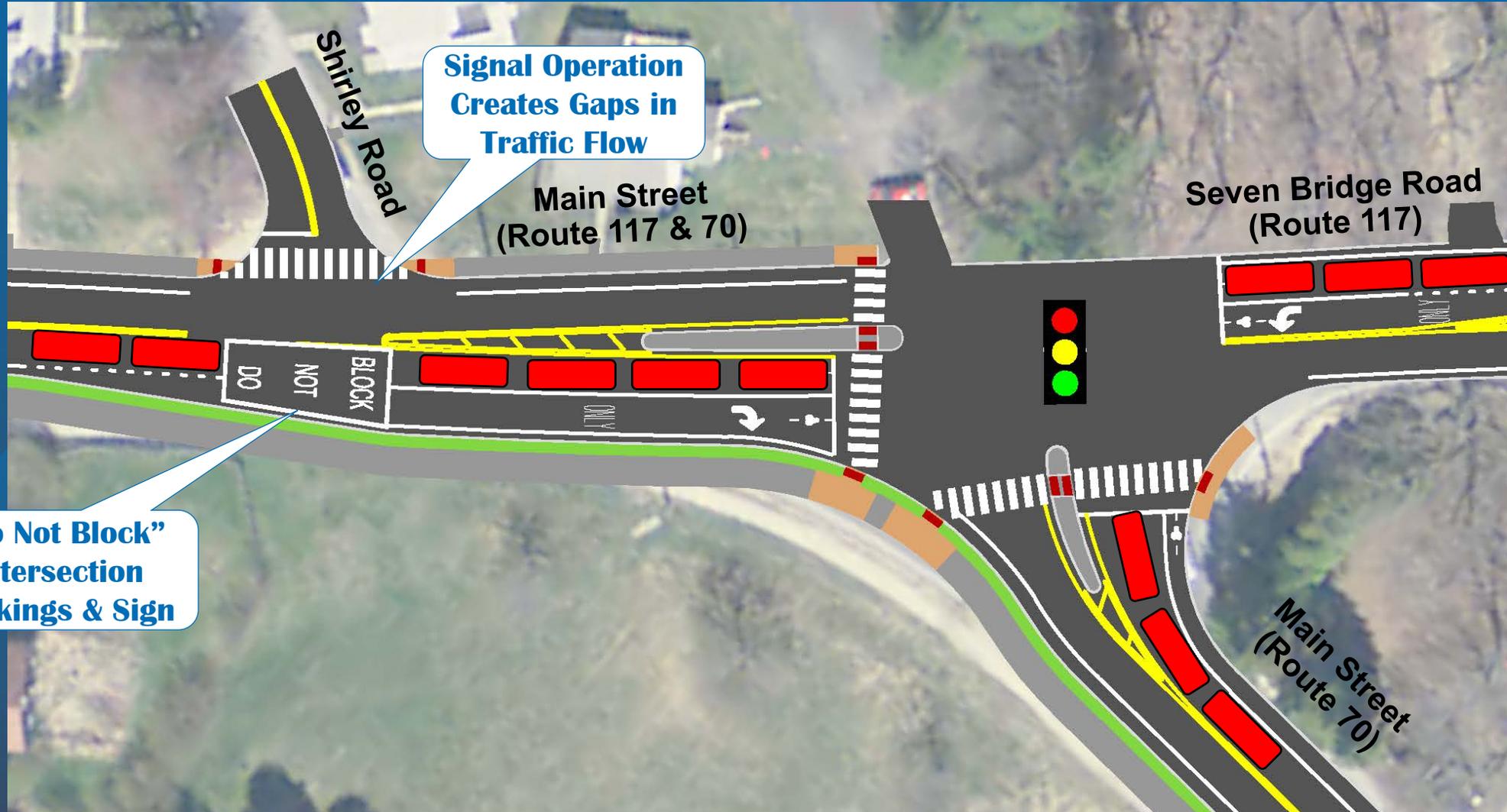
# Potential Main Street Realignment Impacts to School Access & Operations

**Additional ROW  
Required = ±1 acre**

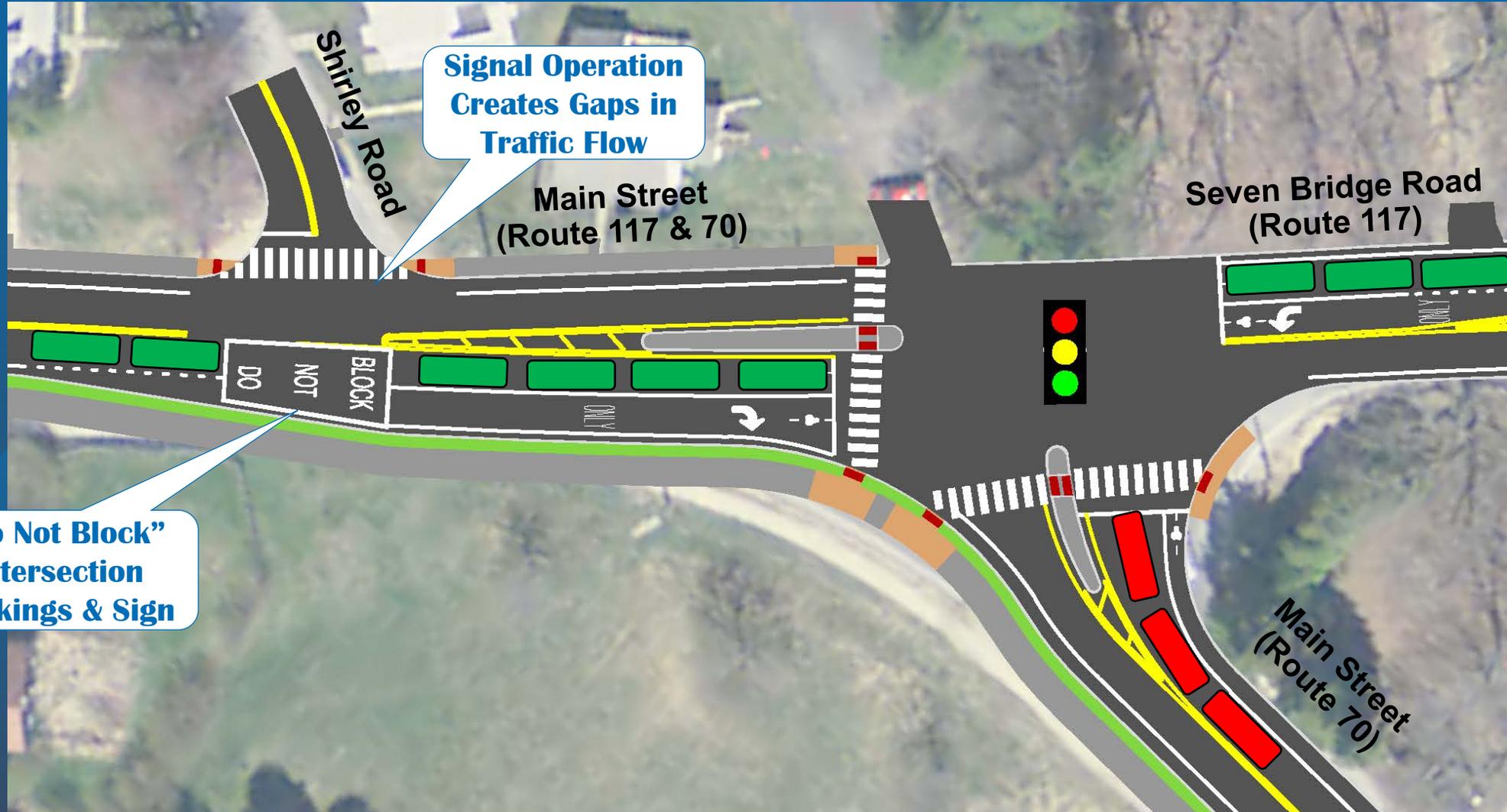




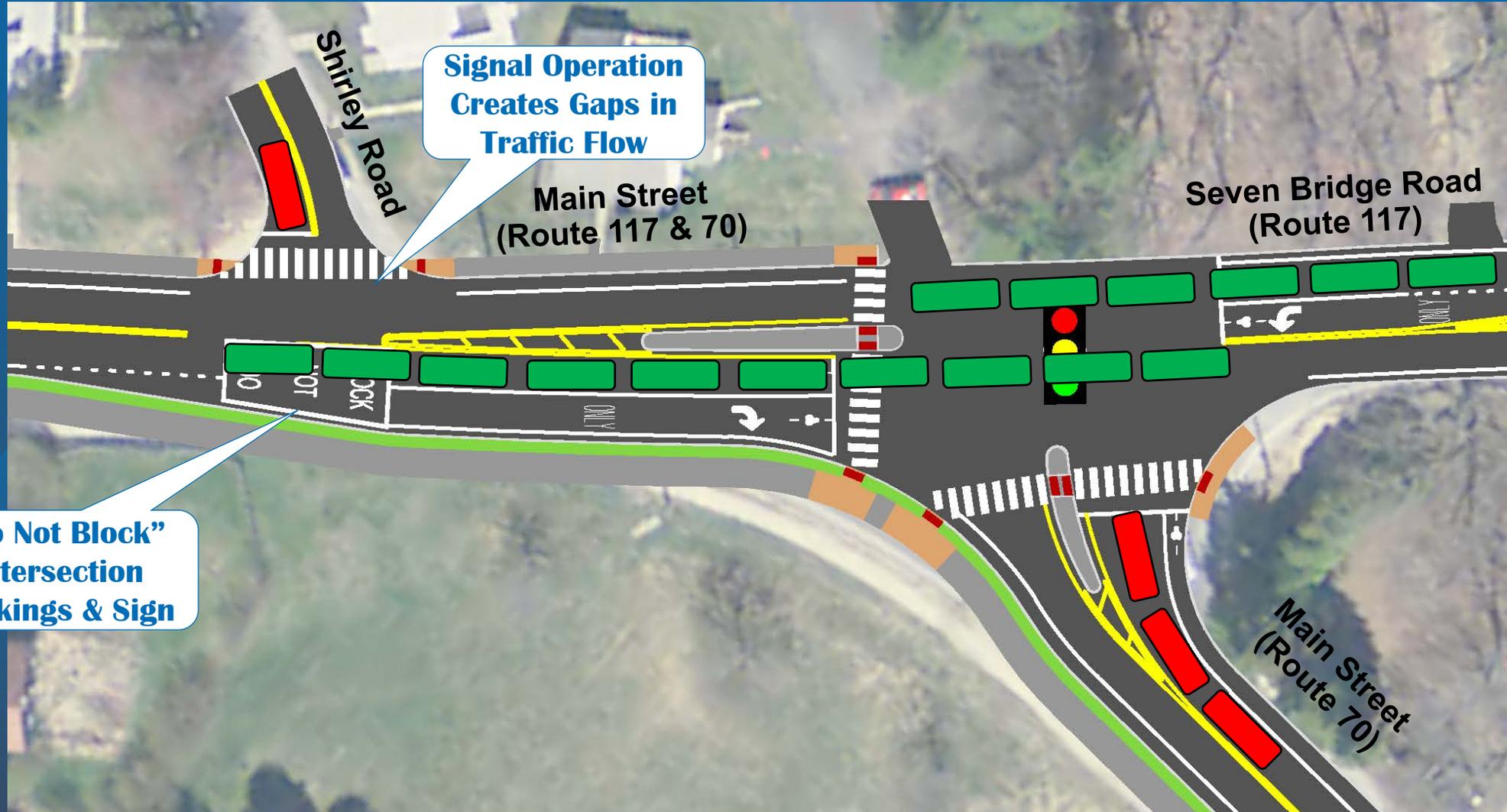
# Proposed Design Modifications Shirley Road Intersection



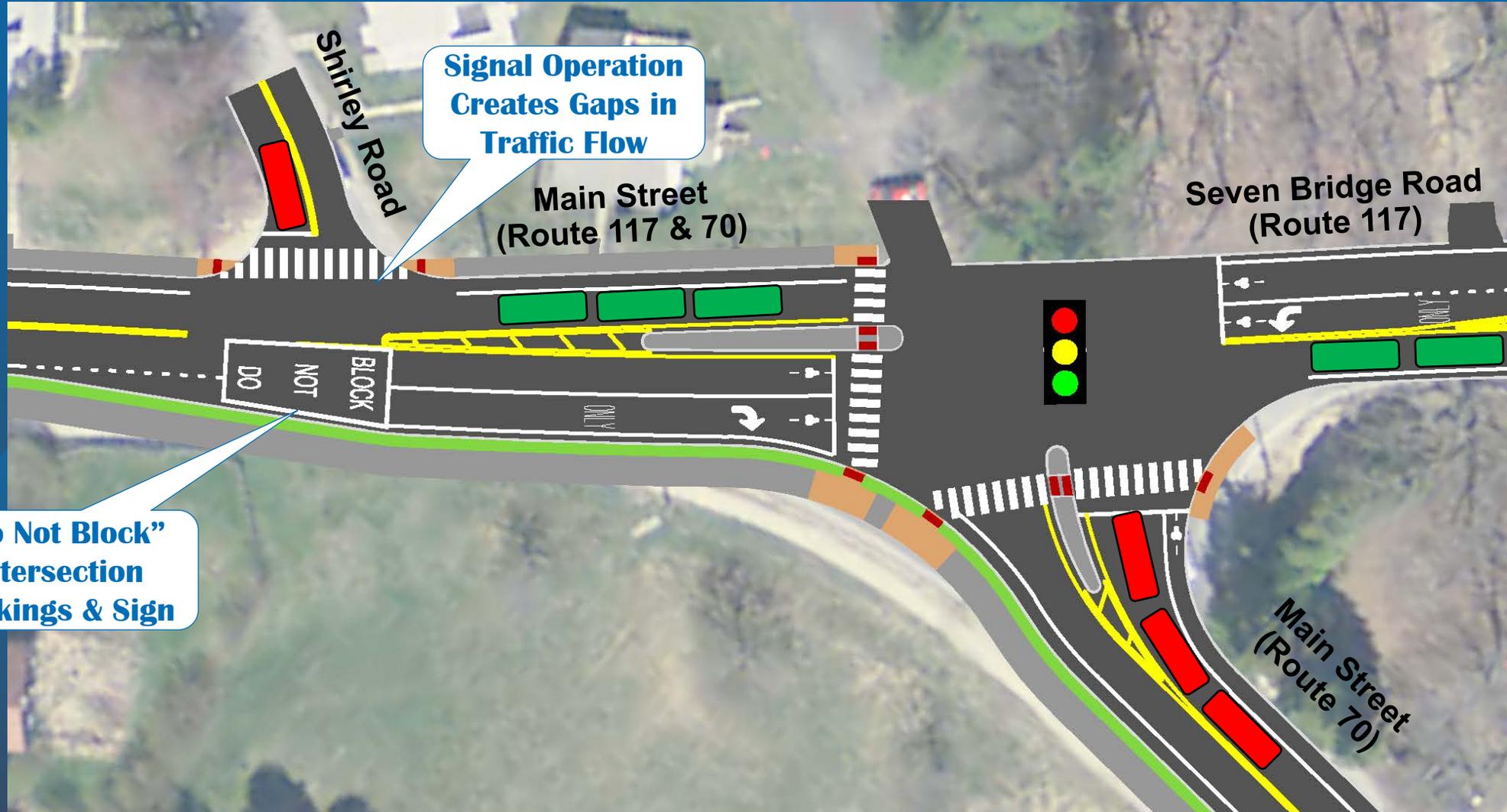
# Proposed Design Modifications Shirley Road Intersection



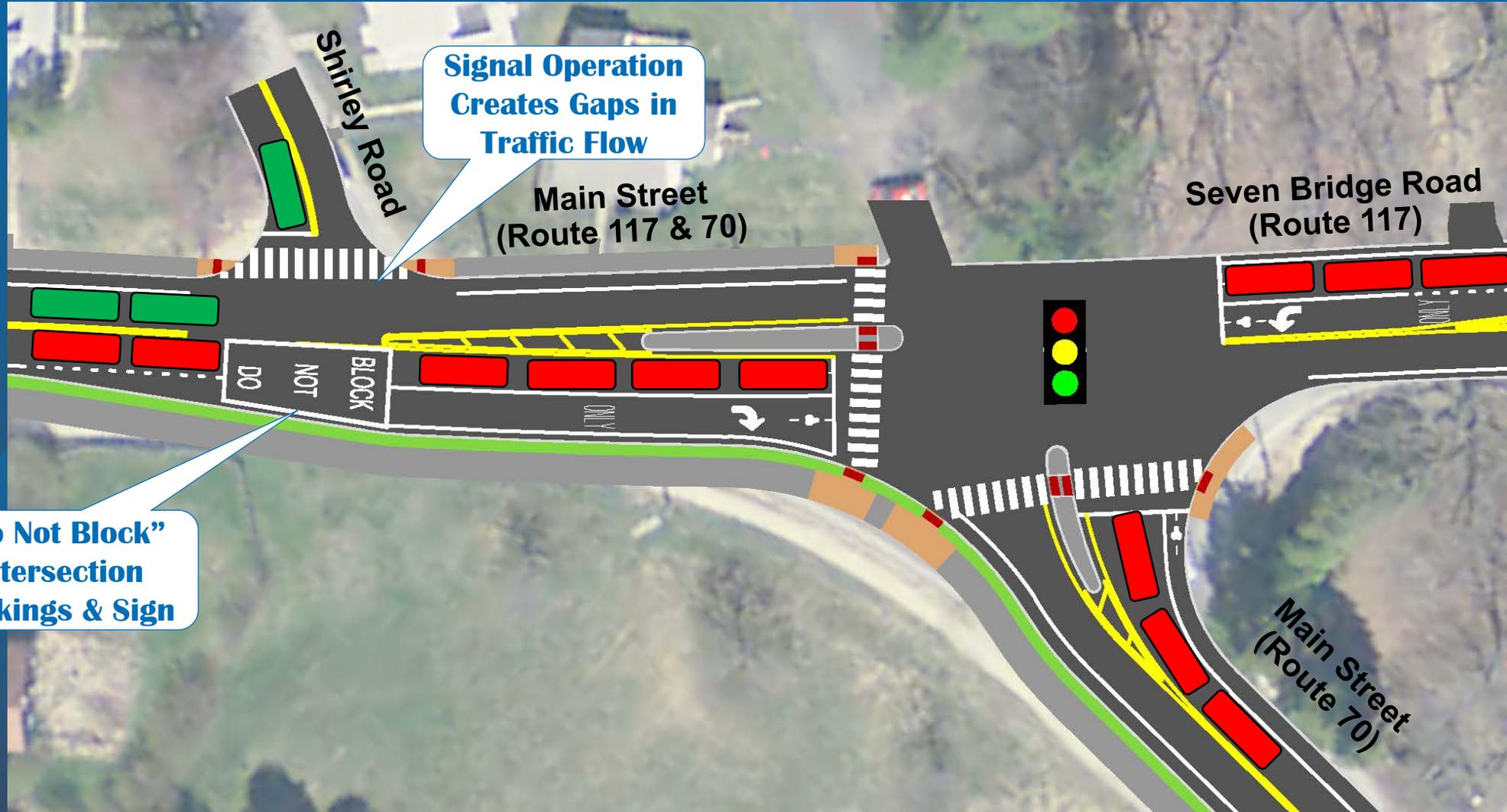
# Proposed Design Modifications Shirley Road Intersection



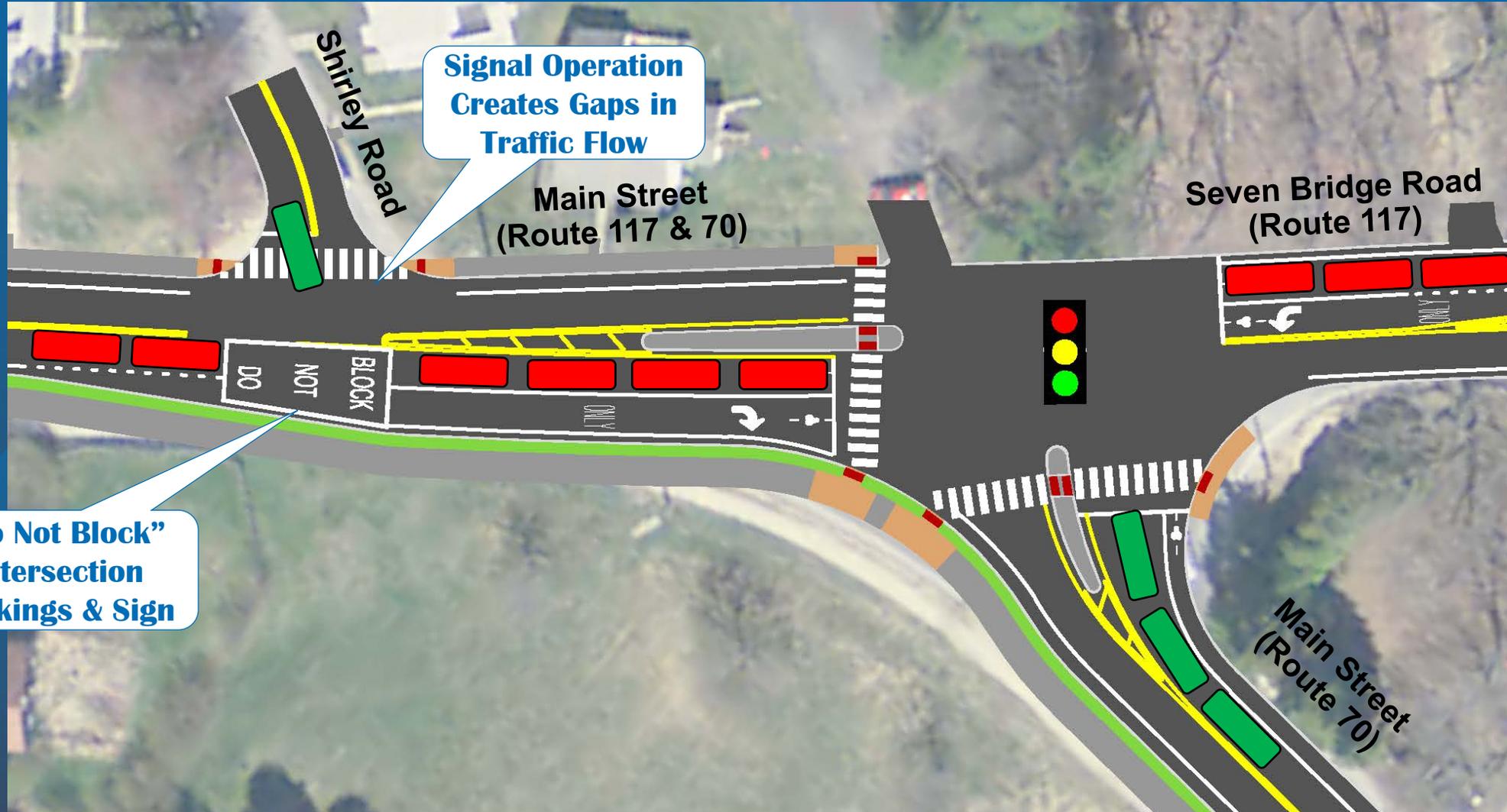
# Proposed Design Modifications Shirley Road Intersection



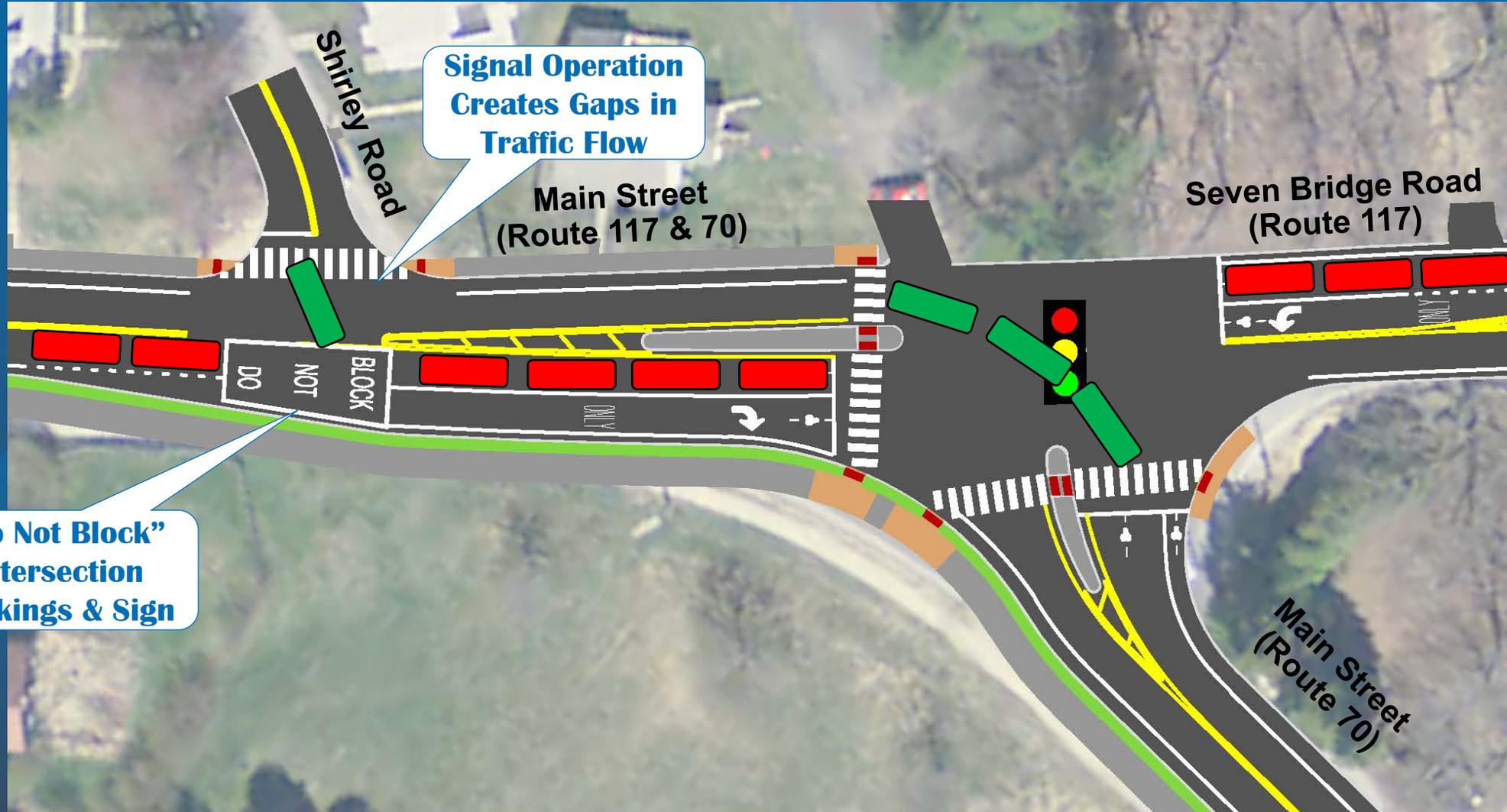
# Proposed Design Modifications Shirley Road Intersection



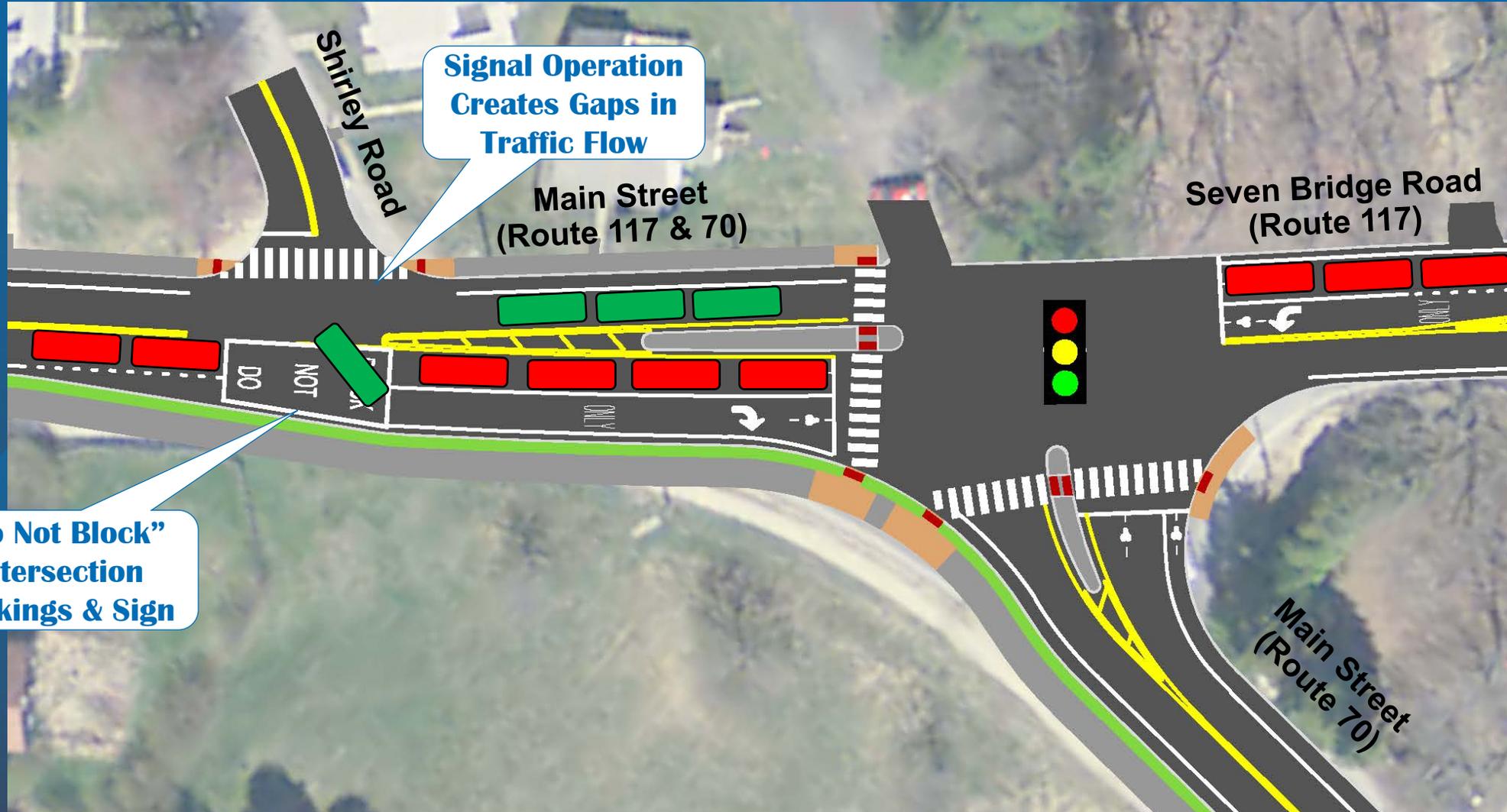
# Proposed Design Modifications Shirley Road Intersection



# Proposed Design Modifications Shirley Road Intersection



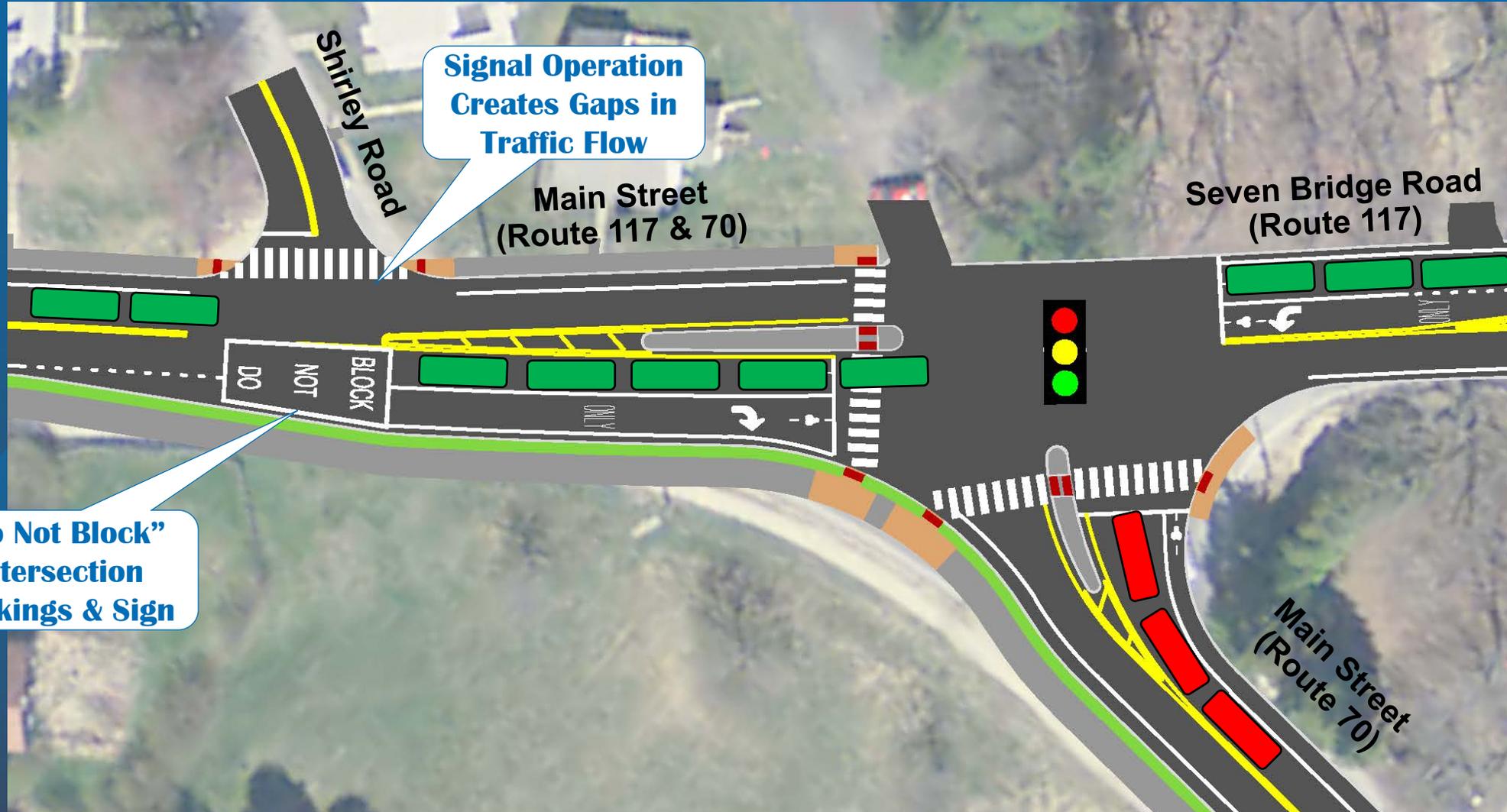
# Proposed Design Modifications Shirley Road Intersection



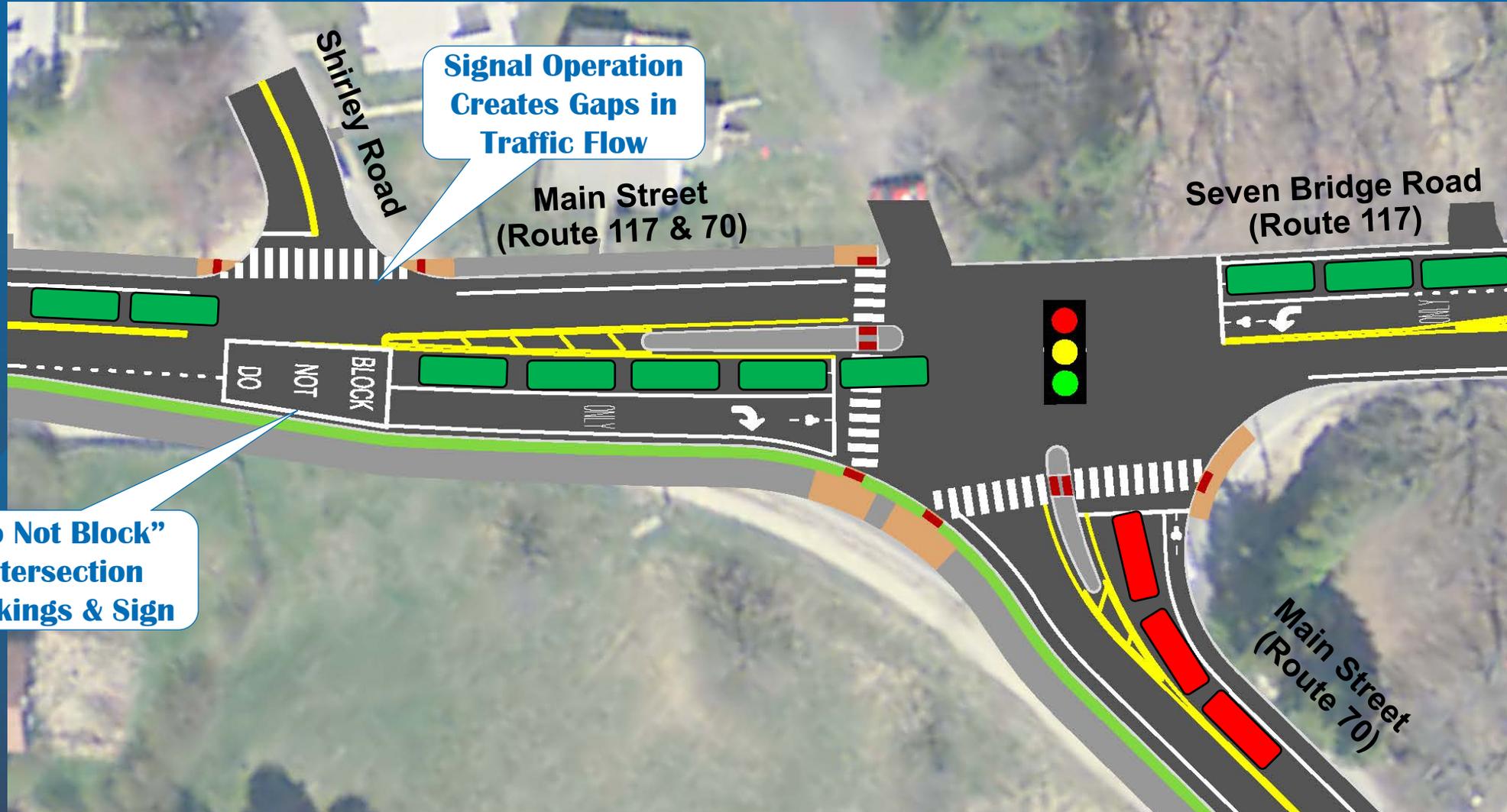
**Signal Operation  
Creates Gaps in  
Traffic Flow**

**“Do Not Block”  
Intersection  
Markings & Sign**

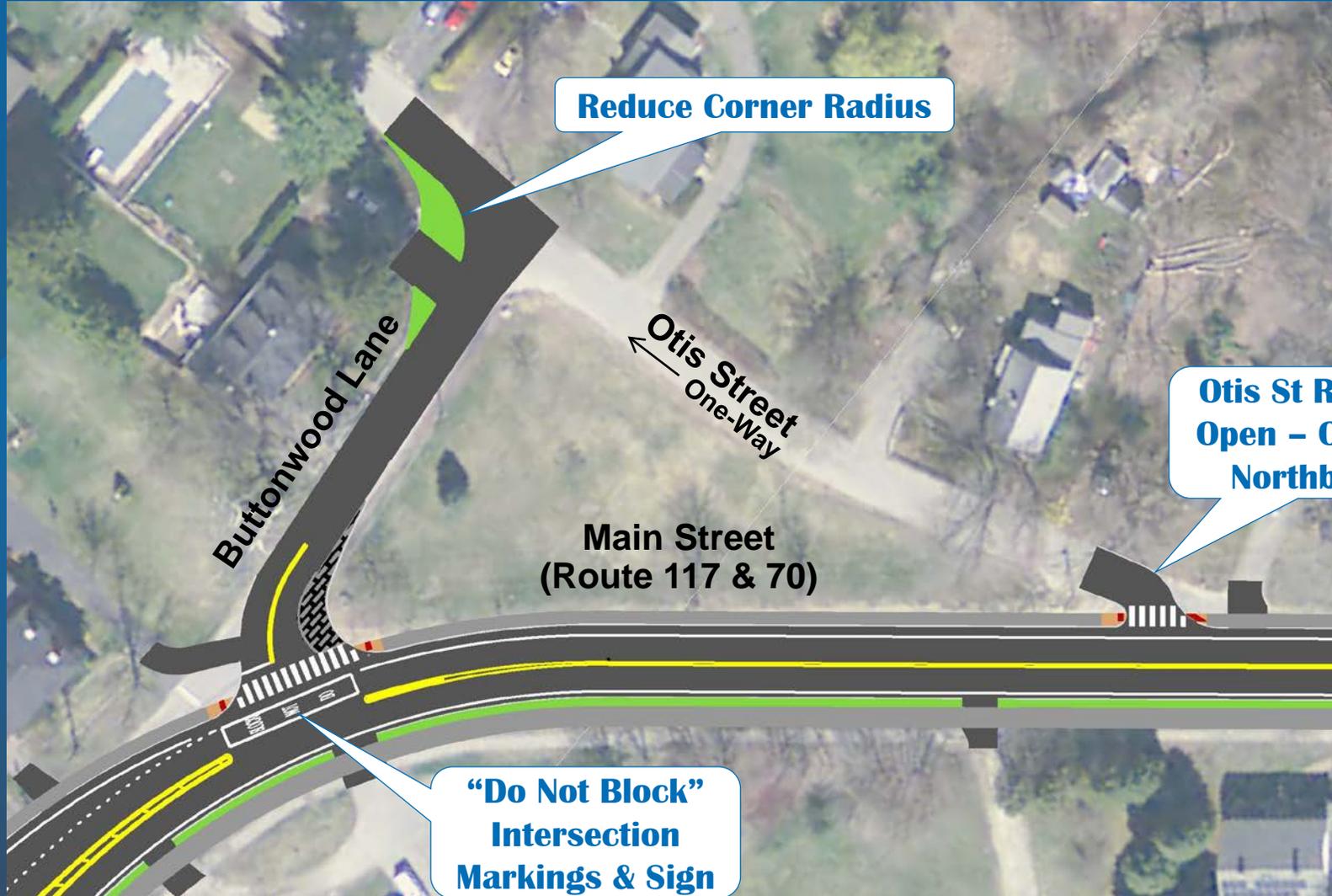
# Proposed Design Modifications Shirley Road Intersection



# Proposed Design Modifications Shirley Road Intersection



# Proposed Design Modifications Otis Street & Buttonwood Road





# Next Steps / Schedule

- 1. Advance to 75% design submission (February 2019)**
- 2. Environmental Permitting (Spring 2019)**
- 3. Town to meet with abutters to acquire easements (Summer 2019)**
- 4. Complete Final PS&E design (Fall 2019)**
- 5. Advertise for construction (Winter 2020)**
- 6. Construction starts (Spring 2020)**

## Contact Info:

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774.450.5015

