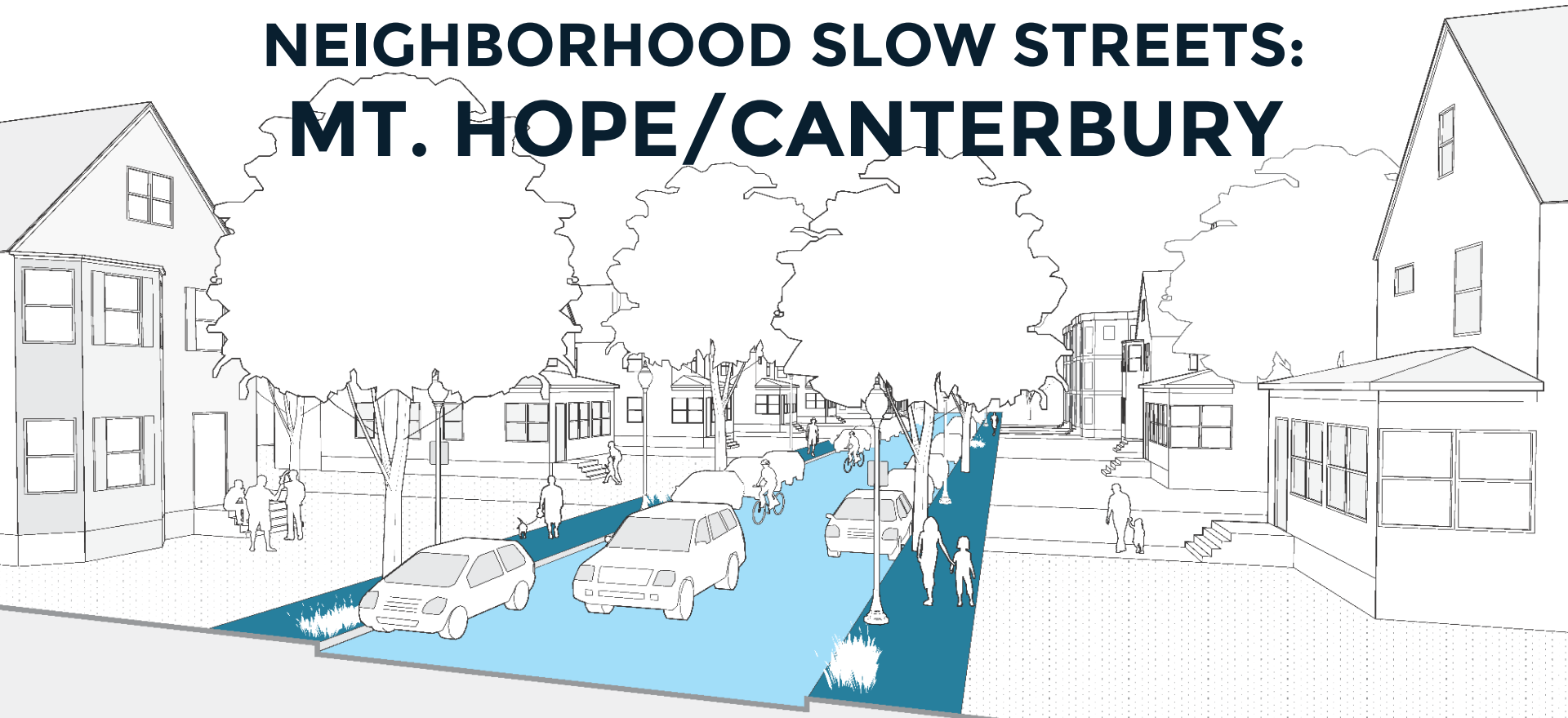


# NEIGHBORHOOD SLOW STREETS: MT. HOPE/CANTERBURY



Boston Transportation Department  
Gina N. Fiandaca, Commissioner

April 16, 2019 | Public Meeting  
The Home for Little Wanderers

# MEETING GOALS

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- Introduce more residents to the Neighborhood Slow Streets project
- Share our concept plans for your feedback

# VISION ZERO BOSTON

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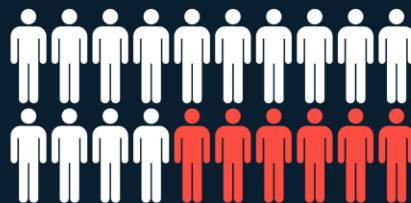
- Commitment to eliminate all fatal and serious injuries by 2030
- Designing for the most vulnerable benefits everyone
- “Early Action” policy in *Go Boston 2030*



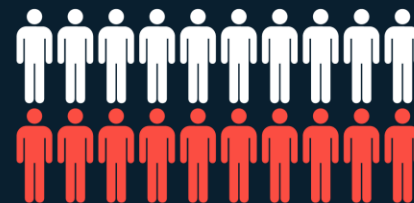
# SLOWER SPEEDS, SAFER STREETS



**17%** likelihood of fatal or severe injury



**30%** likelihood of fatal or severe injury



**47%** likelihood of fatal or severe injury

# NEIGHBORHOOD SLOW STREETS

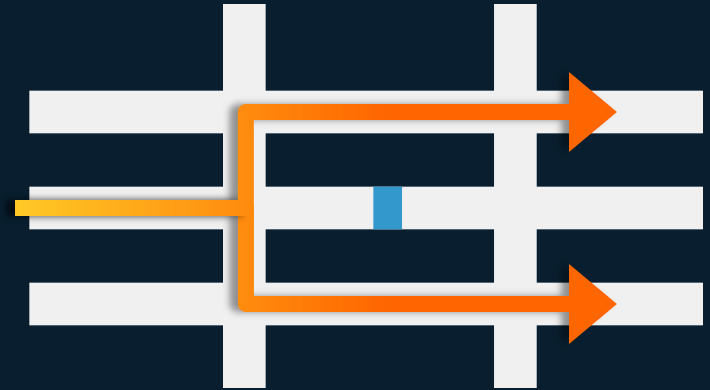
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*A zone-based approach to traffic-calming requests*

- A bounded area of local streets
- Speed limit reduced to 20 MPH
- Self-enforced lower speeds through targeted traffic-calming techniques

# WHY ZONE-BASED?

- Avoid the “**transfer effect**”
- Drivers seek alternate routes
- Traffic and/or speeds may increase on parallel routes without traffic calming



# PROGRAM GOALS

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- Reduce vehicle speeds
- Fewer crashes resulting in injury or property damage
- Improved perception of safety
- Quality of life benefits



# MT. HOPE/CANTERBURY DESIGN PLAN



# DESIGN PLAN PRESENTATION

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- Zone-wide measures
- Intersection of Canterbury St/Mt Hope St/Mt Calvary Rd
- Mt Calvary Rd
- Intersection of Canterbury St/Paine St
- Mt Hope Rd
- Harding Rd and Hadwin Way

# ZONE-WIDE: SPEED LIMIT REDUCTION

As people enter the zone:

- 20 MPH speed limit signs
- Supplemented with 20 MPH pavement marking

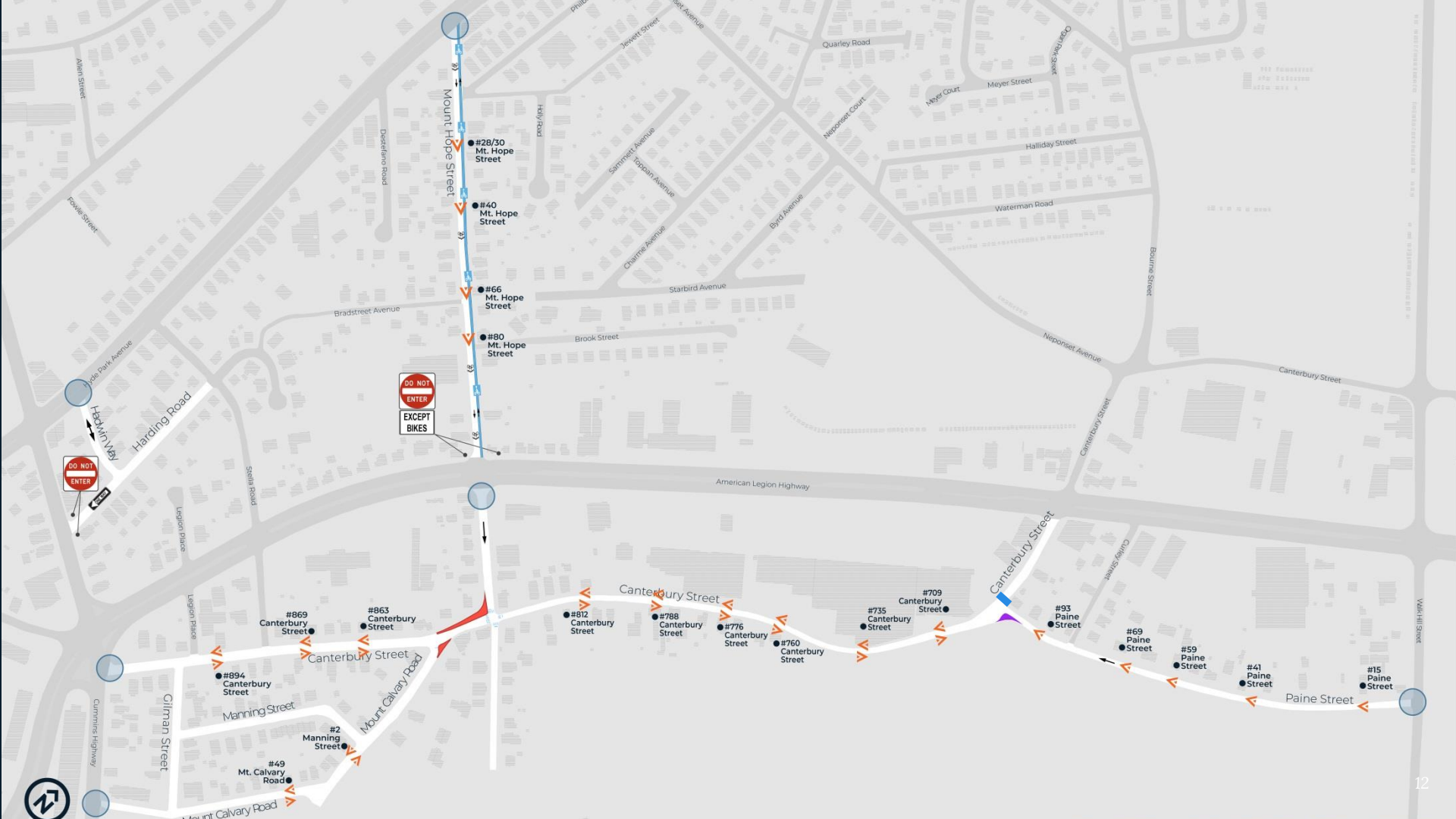


# ZONE-WIDE: SPEED HUMPS

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Our primary measure to control speeds in the zone. Located on:

- Mt Hope St
- Paine St
- Canterbury St
- Mt Calvary Rd



# SPEED HUMPS ARE NOT SPEED BUMPS!



**YES!** Gradual taper up and down, 12 to 14 feet long



**NO!** Abrupt, hard bump, 3 to 4 feet long

# SPEED HUMPS

- Located on property lines (where feasible)
- Not located at driveways or intersections
- Spaced approx. 200'-250'
- No impact on parking
- No impact on drainage
- Cannot be used on hills or too close to a curve



# CANTERBURY/MT HOPE/MT CALVARY

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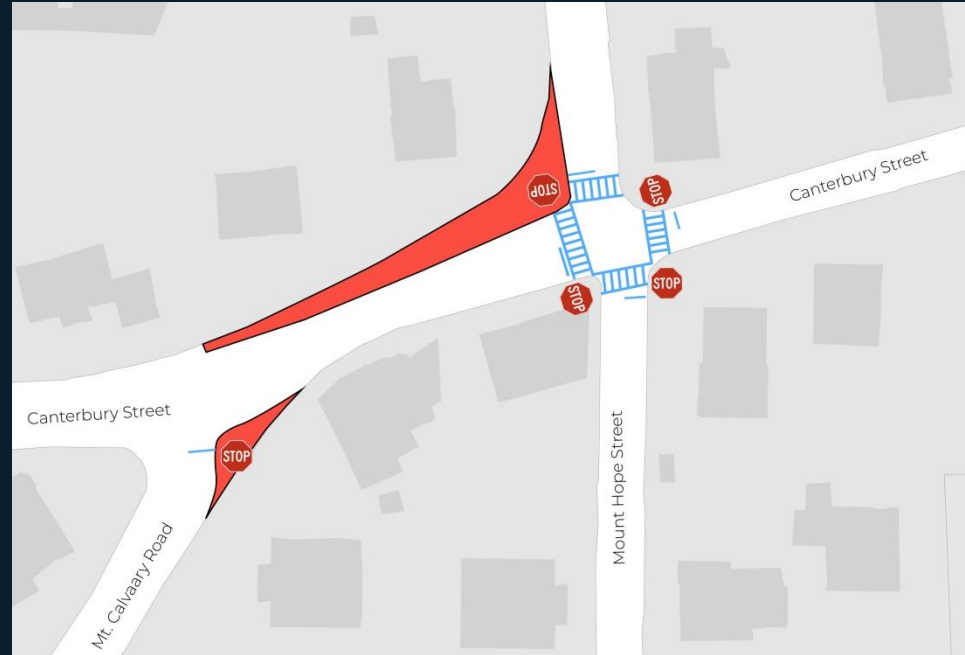
Last time, we shared two options:

- Mini-circle
- Squared-off intersections

Neighborhood feedback was mixed, slight preference for squared-off intersection

# CANTERBURY/MT HOPE/MT CALVARY

- With engineering survey, determined “circle” infeasible
- Squared intersection
  - All-way Stop control
  - Shorter crossings
  - Pending coordination on driveway





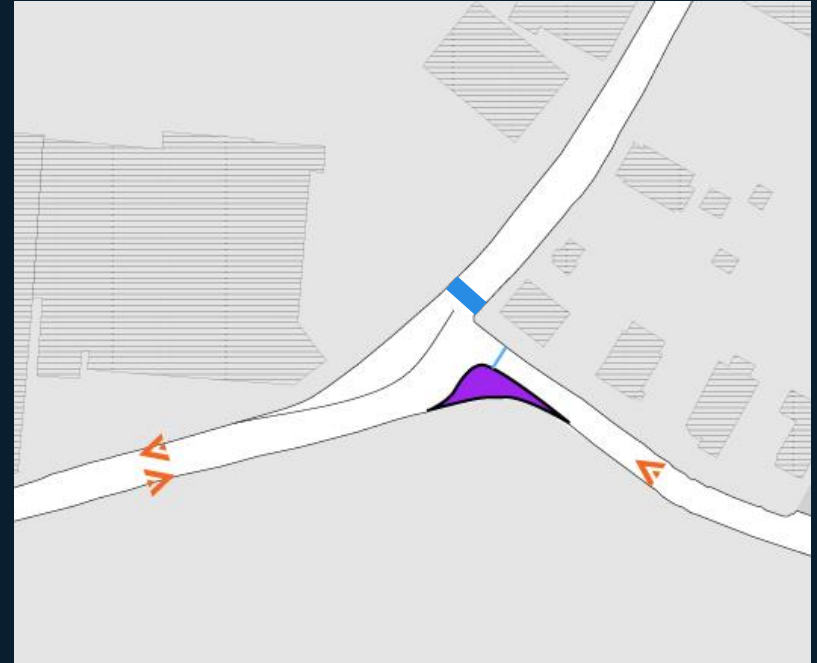
# MT CALVARY RD

- No changes to circulation patterns
- Strategic speed hump placement to protect informal access point to Cemetery



# CANTERBURY ST/PAINE ST

- Remove excess pavement to clarify intersection function
  - Improve compliance with STOP and Do Not Enter signs
  - Allow turn-around movement
- Retain existing closure of Mt Canterbury



# CANTERBURY ST/PAINE ST

- Allow contraflow bike movement on Paine?
  - Completes an alternative route between Cummins and Walk Hill
  - Could use signs only to avoid any driver confusion



# MT HOPE RD

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Last time, we shared two options:

- Parking chicane
- Speed humps and contraflow bike lane

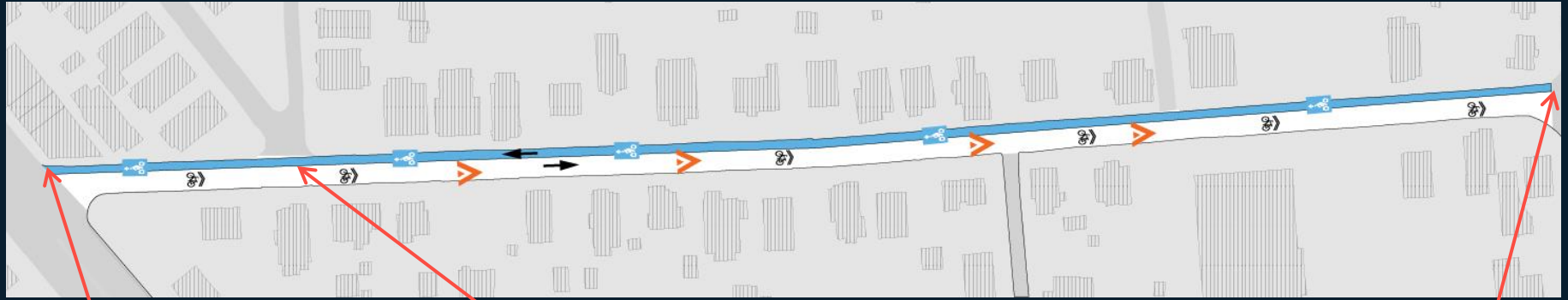
Neighborhood feedback favored speed humps and contraflow bike lane

# MT HOPE RD

- Contraflow bike lane along north side of street
  - “Except Bikes” added to Do Not Enter signs
  - Bike-sized stop sign at Hyde Park Ave
- No changes to parking
- Speed humps spaced 200’-250’



# MT HOPE RD



Stop sign for bicyclists  
at Hyde Park Ave



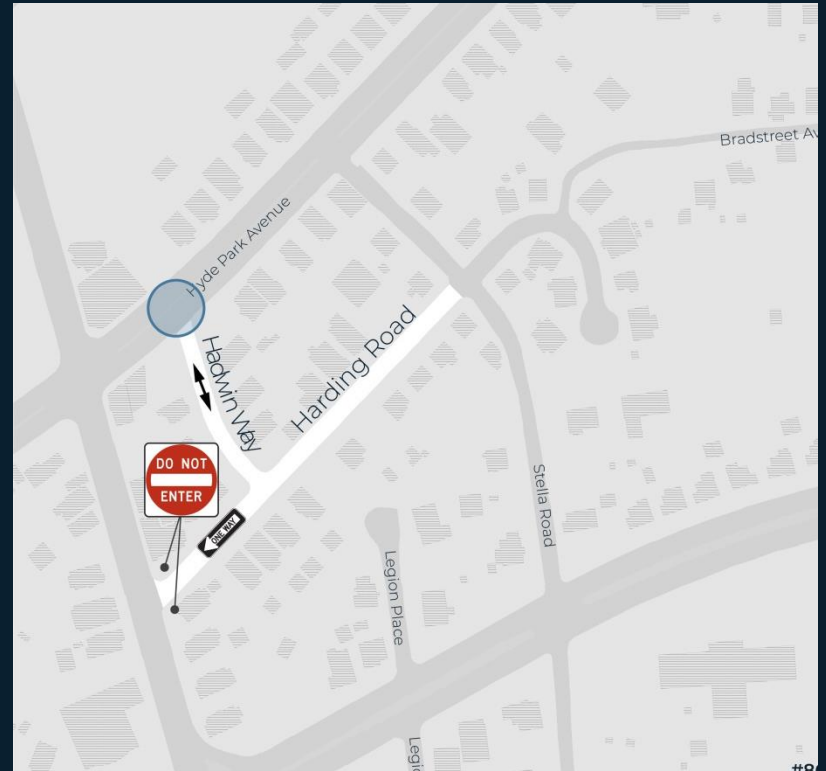
Intersection markings  
to highlight bike lane



"Except bikes" added

# HARDING RD AND HADWIN WAY

- Harding Rd changes to one-way toward Cummins from Hadwin Way



# OUR NEXT STEPS

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## **APRIL 2019**

- Public meeting # 2 to share final plans
- Refine design, as needed, based on your and your neighbors' feedback

## **LATE SPRING 2019**

- Seek approval from Public Improvements Commission
- Final design review by BT&D and PWD
- Bid construction contract

## **SUMMER 2019**

- Schedule construction with Public Works  
*(Construction is fully-funded for Fiscal Year 2020, covering July 2019 through June 2020)*





**THANK YOU**

*[boston.gov/slow-streets/mount-hope](https://boston.gov/slow-streets/mount-hope)*

*[visionzero@boston.gov](mailto:visionzero@boston.gov)*

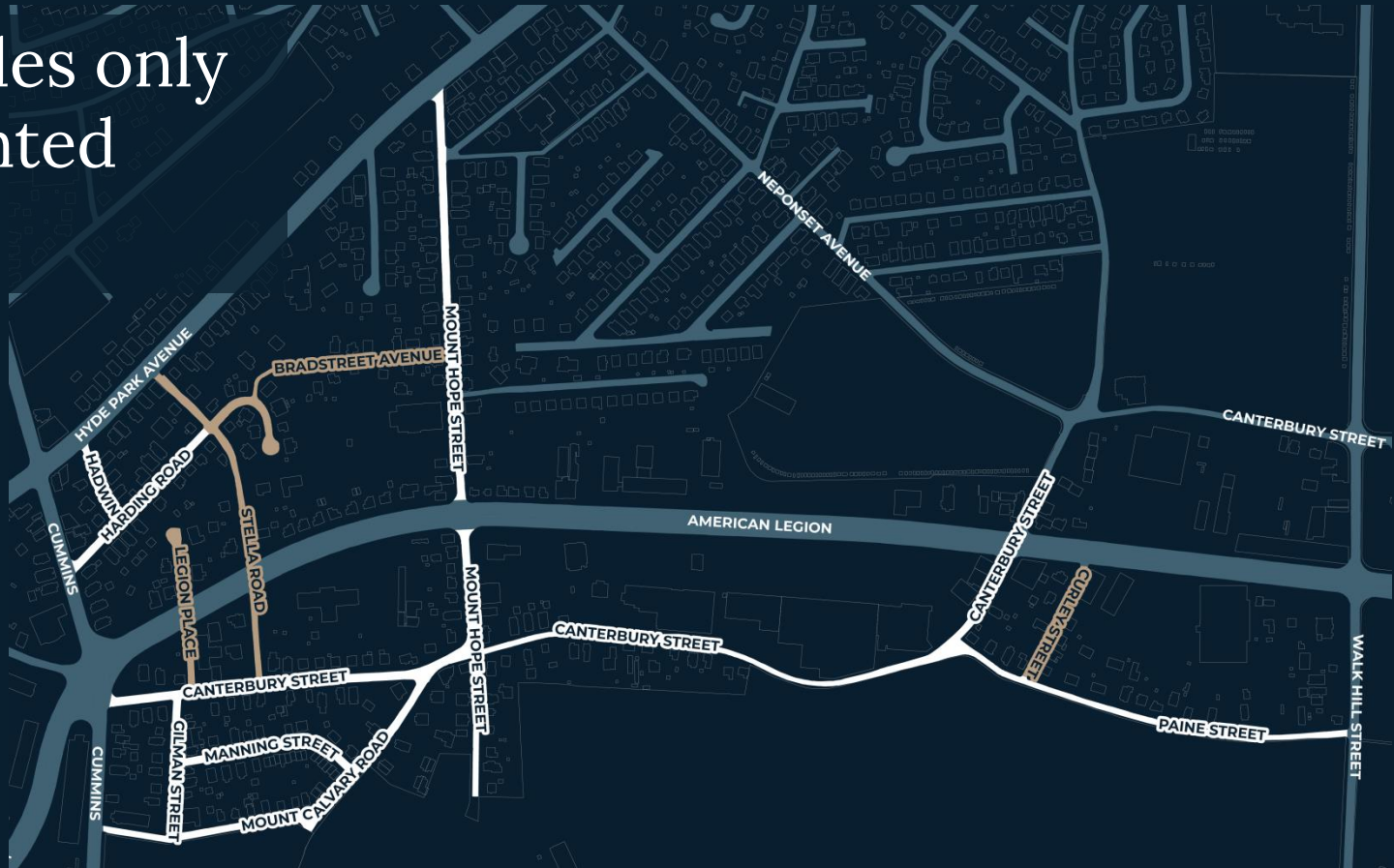
A blue-tinted photograph of a residential street. The street is paved and has a sidewalk on the left. There are several houses of varying styles, including a prominent blue house on the right. Utility poles and power lines are visible overhead. A few cars are parked or driving on the street. The overall scene is a typical suburban neighborhood.

# MT HOPE/CANTERBURY DATA

*Shared at July 19, 2018 meeting,  
included as reference here*

# MT. HOPE ZONE

Zone includes only the highlighted streets



# MT. HOPE ZONE

- More than 1 in 3 households have a child under 18
- Nearly 10% of residents are aged 65 or older



# CONCERNS WE HEARD

- Vehicle speeds
- Canterbury St at Mt Hope St & at Mt Calvary Rd
  - Sight lines, safe crossings for school children
- Clarity and circulation within neighborhood
  - Canterbury/Paine, Harding/Hadwin



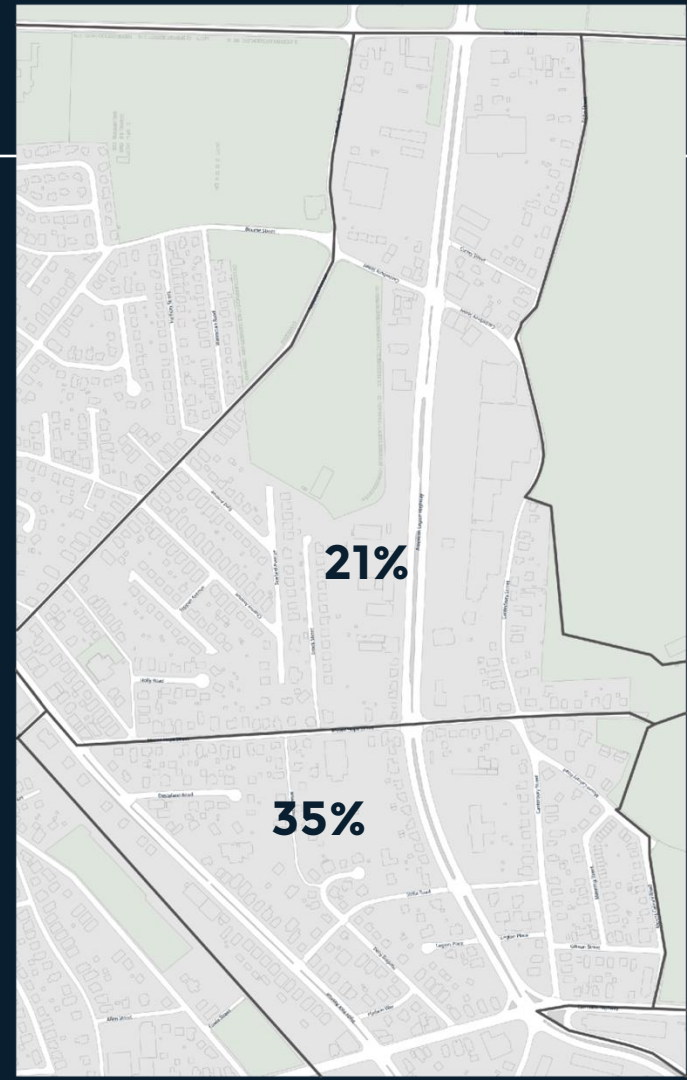
# OBSERVATIONS

- Group walk October 4, 2018 helped identify key issues
- Multiple site visits this spring (March-June) to observe how people use the streets



# ACTIVE COMMUTES

- Of working residents, between 1 in 3 and 1 in 4 are walking, taking transit, or bicycling regularly
- In addition, kids and young people heading to schools and buses



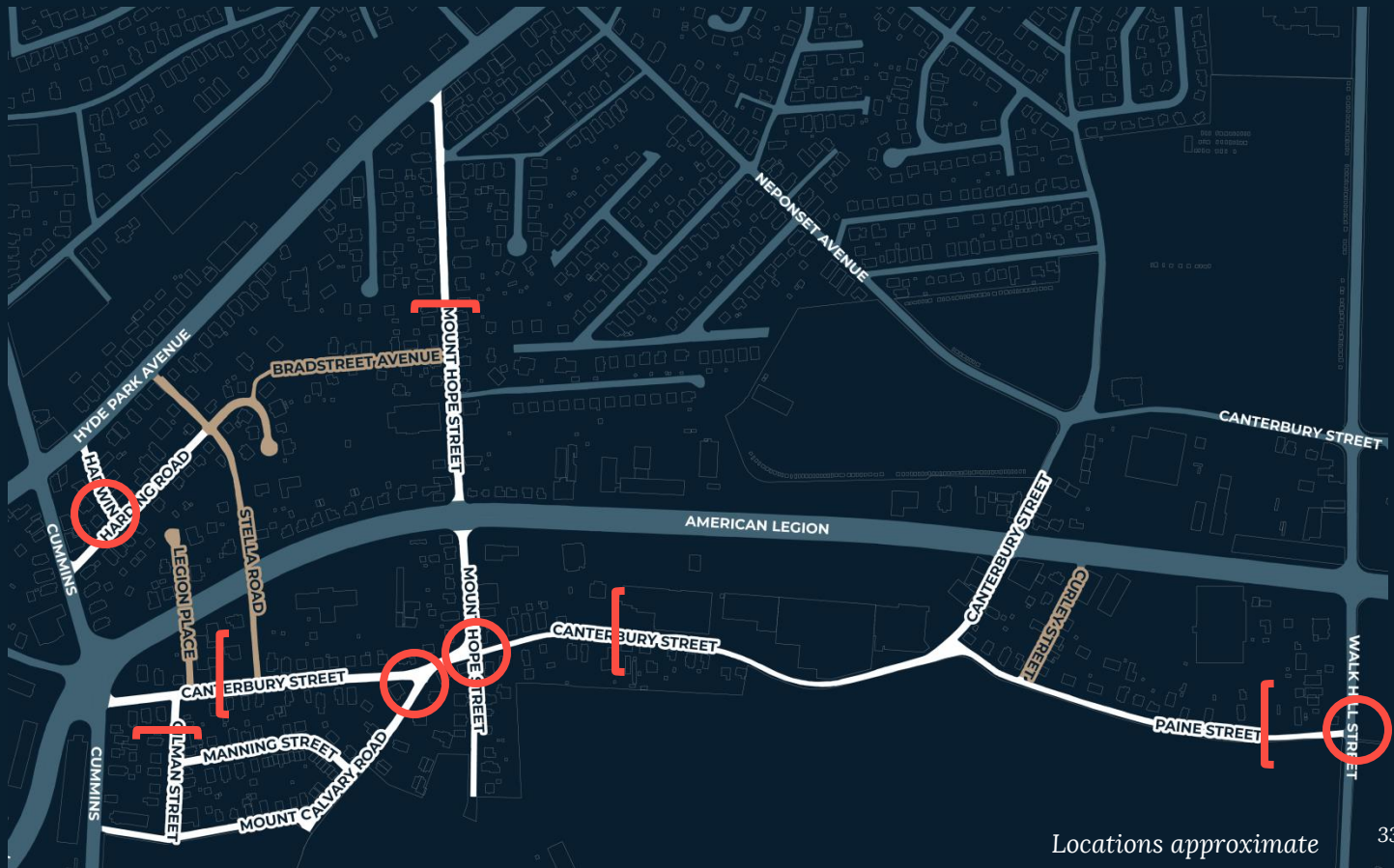
# TRAFFIC COUNTS

- 5 mid-block counts
  - Mid-block counts include vehicle speeds
- 4 intersection counts
  - Intersection counts tell us if people turn or continue through
- Data collected in May 2018



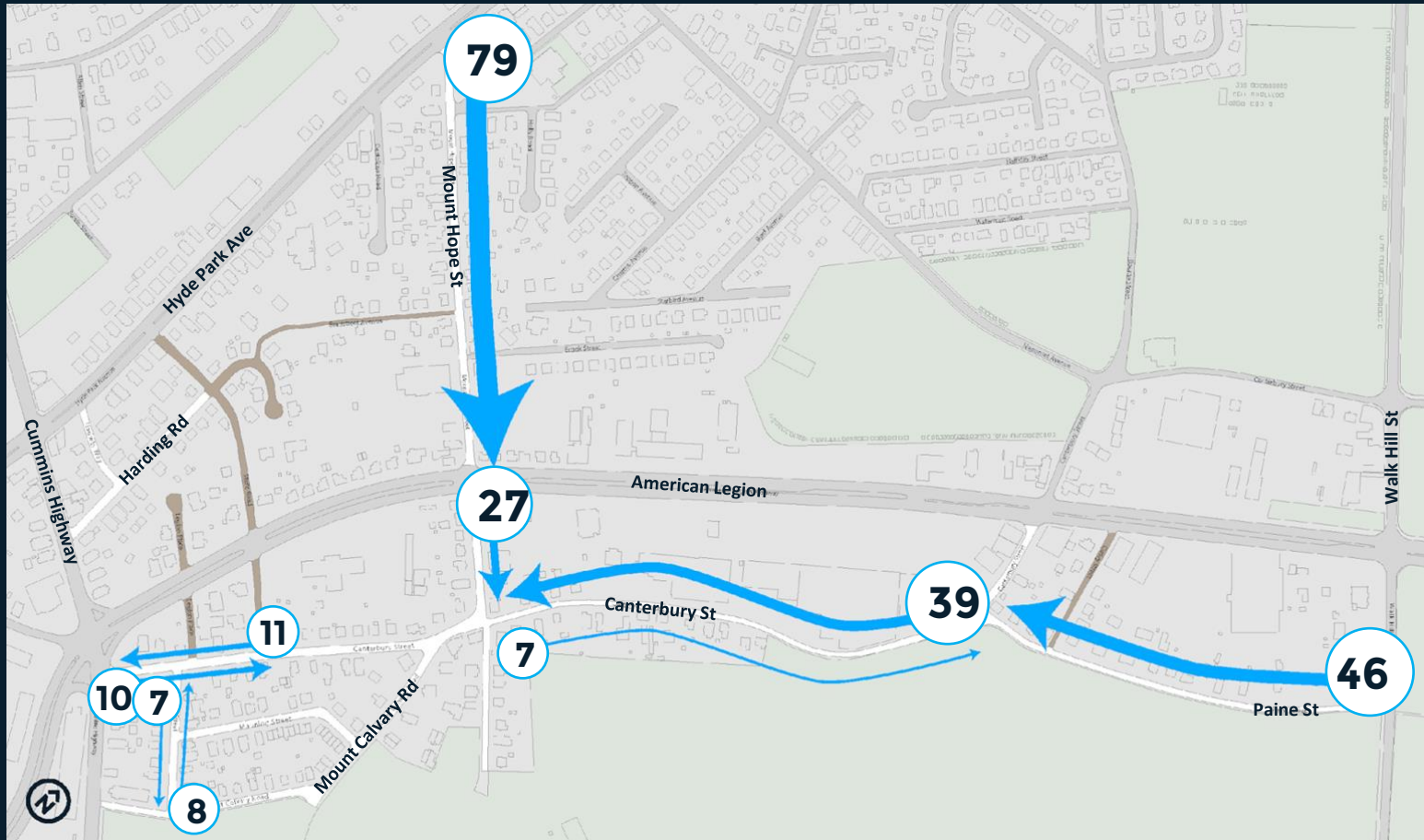


# TRAFFIC COUNTS

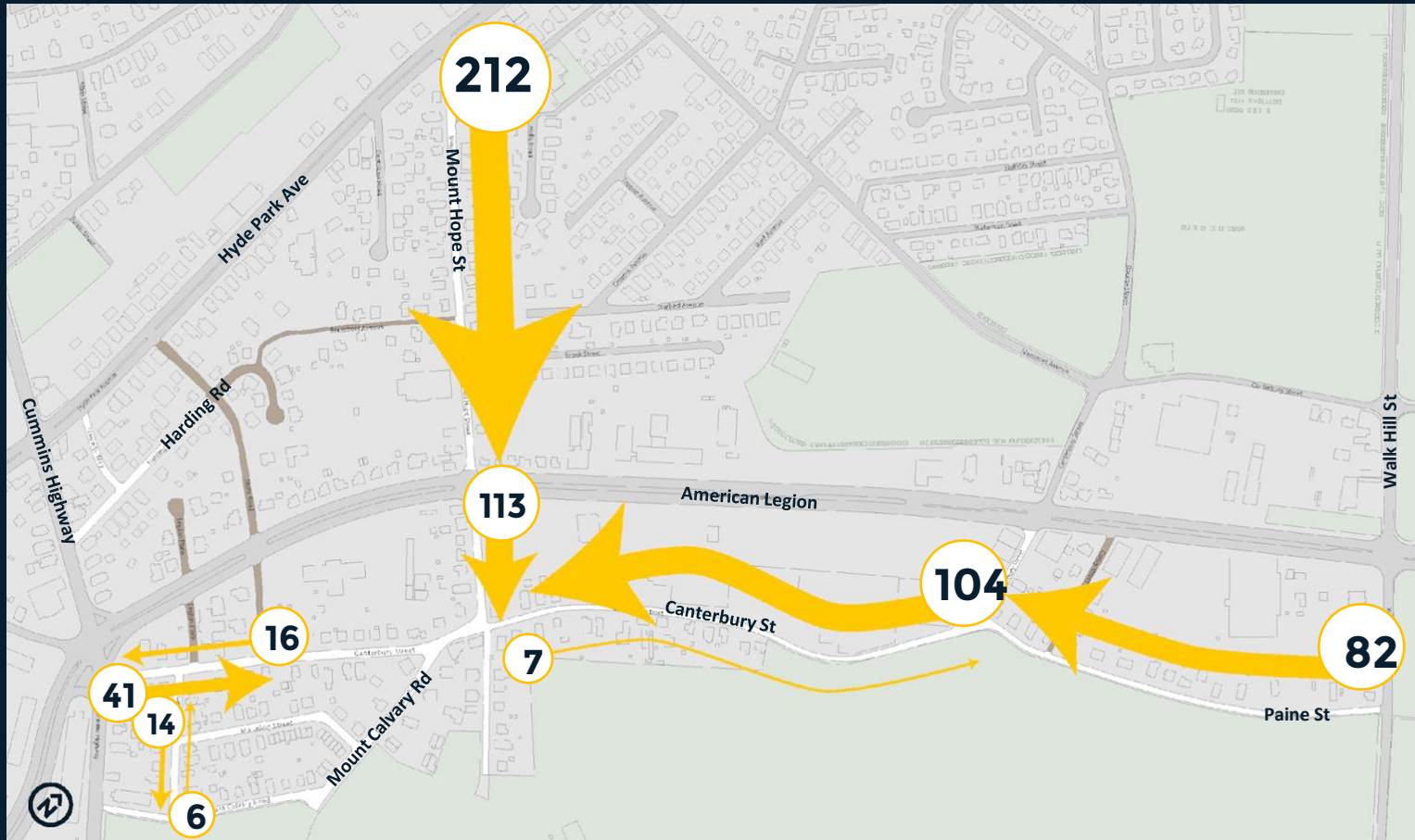


Locations approximate

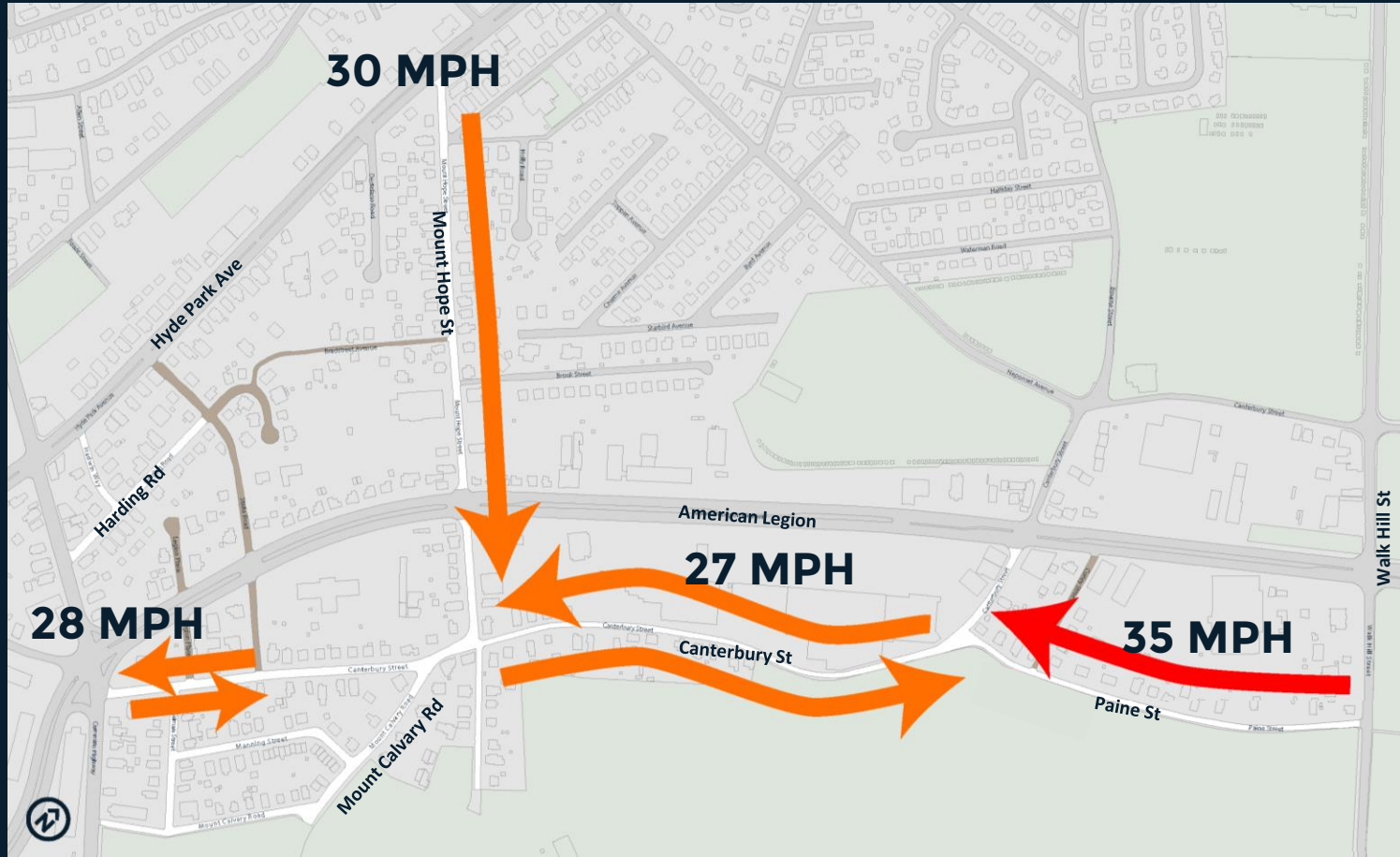
# VEHICLE VOLUMES: AM PEAK (7:00-8:00)



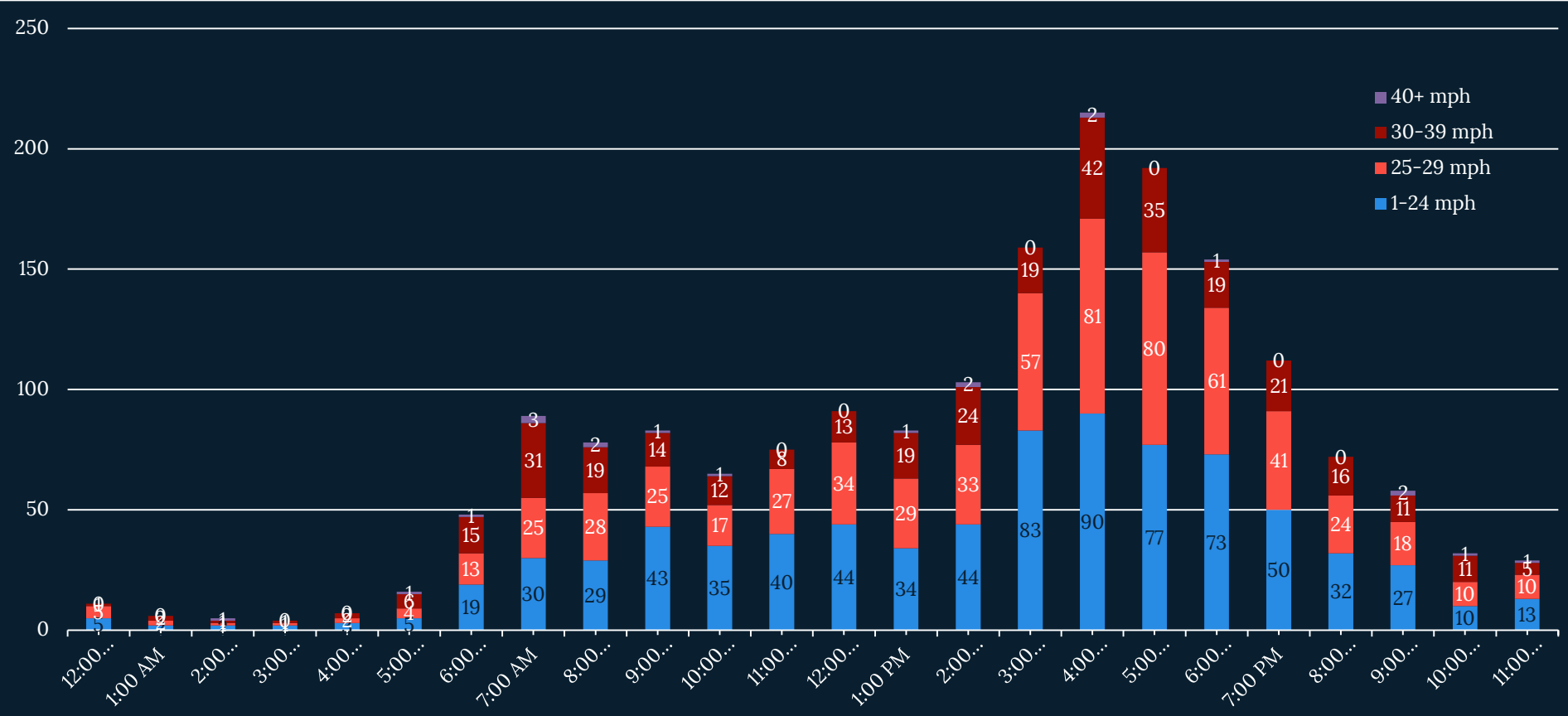
# VEHICLE VOLUMES: PM PEAK (4:15-5:15)



# VEHICLE SPEEDS (85<sup>th</sup> PERCENTILE)



# MT HOPE ST SPEEDS & VOLUMES



Average of May 16 and 17, 2018