Village of Mamaroneck
MAS Mamaroneck Avenue Safety Concepts

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Overview

• Safety improvement concepts
• Near-term solutions
• Mid-term solutions
• Long-term solutions
Crash History – Mamaroneck Ave from Andrews St to Grand St

- 2014 through 2023 (10 years): 405 crashes
- Average of 41 crashes per year
- 8 pedestrian crashes
- 4 bicycle crashes

- NYSDOT average crash rate: 6.41 crashes per million vehicle miles
- Corridor crash rate (2014-2023): **19.84 – 3X statewide average**
Safety Improvement Concepts

Near-Term
- Traffic signal improvements
  - Exclusive ped phase
  - No turn on red
- Painted curb extensions
- Improved signage
- Repaint pavement markings and crosswalks
- Daylighting

Mid-Term
- Traffic signal improvements
  - Flashing yellow arrow
  - Corridor retiming and coordination
  - Upgrade Gertrude/Hillside
- Speed cameras and red light cameras
- Corridor lighting enhancements
- Raised curb extensions
- Sidewalk improvements

Long-Term
- Traffic signal improvements
  - Adaptive traffic signal system
- Raised intersections
- One-way conversions of Grand, New
Near-Term Safety Concepts

• Exclusive pedestrian phase
  • Vehicle all-red to allow ped crossing
  • New St (County), Nostrand (Village)
  • Currently at Mamaroneck, Halstead, Mt Pleasant intersection
• Existing push buttons
• Requires no turn on red

• Painted curb extensions
  • Shortens pedestrian crossing distance
  • Flex bollards to delineate
  • Norwalk demonstration project – community event to paint
• Paint striped area near school
Near-Term Safety Concepts

- Improved signage and visibility
  - School zone
  - School crossing signs
  - Speed feedback signs with speed limit
- Repaint pavement markings and crosswalks
  - Some markings currently faded
  - High visibility with retroreflectivity
- Daylighting
  - Along Mamaroneck Ave, restrict parking within 25 feet of intersection
  - Improve vehicle and pedestrian visibility
  - Signage
  - Curb extensions – paint
Mid-Term Safety Concepts

- Flashing yellow arrow on side streets
  - Emphasize that turning vehicles yield
- Corridor retiming and coordination
  - Reduce driver frustration along Mamaroneck – aggressive driving
  - Better facilitate pedestrian crossings
- Upgrade Gertrude/Hillside traffic signal
  - Requires upgrade for exclusive ped
  - Village-owned (according to County)
Mid-Term Safety Concepts

- Speed cameras and red light cameras
  - Greenburgh – East Hartsdale Ave – NYS
    Bill S09305, A08960-B
  - Speed cameras – north of Hillside, south of Grand

- Corridor lighting enhancements
  - Add lighting at all utility poles

- Raised curb extensions
  - Hardscape over painted curb extensions

- Sidewalk improvements
  - Widen and improve existing sidewalks
Long-Term Safety Concepts

- Adaptive traffic signal system
  - Reduce driver frustration and aggression

- Raised intersections
  - At Hillside/Gertrude, Nostrand, and New
  - Slow vehicles along Mamaroneck Ave
  - Drainage considerations

- One-way conversions of Grand, New
  - Rethink traffic patterns to reduce potential for vehicle-pedestrian conflicts
• Enhancements to pedestrian network – sidewalks, crosswalks
• Crossing guard locations