

1.

## Main Street (between Pleasant Street & Lowell Road)

### Crash Scene:

- 48 total crashes.
- 23 rear-end, 13 angle, 10 sideswipe, and 6 other crashes.
- A pattern of rear-end crashes at bus stop-controlled intersections.
- Contributing factors include drivers failure to yield, inattention, and speeding.

### Countermeasures:

- **Speed Feedback Signs:** Install speed feedback signs at key locations to encourage speed reduction.
- **Enhanced Delineation:** Paint pavement markings that delineate lane edges. Repaint stop bars on stop-controlled approaches.

### Supplemental safety measures:

- **Access Management:** Reduce driveway density where possible at businesses..



## 2.

### Boston Road

### (between Old Boston Road & Robin Hill Road)

#### Crash Scene:

- 47 total crashes
- 18 rear-end, 3 angle, and 4 other crashes.
- 22 single vehicle crashes with deer/tree/pole.
- A pattern of crashes in dark/roadway not lighted conditions around roadway curved sections.
- A pattern of rear-end crashes by the gas station.
- Contributing factors include drivers speeding, failure to yield, and following too closely.

#### Countermeasures:

- **Speed Feedback Signs:** Install speed feedback signs at key locations to encourage speed reduction ahead of intersections and busy driveways.
- **Install Lighting:** Install lighting poles where a crash pattern was identified.



### 3.

## Main Street & Lowell Road Intersection

### Crash Scene:

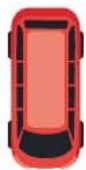
- 32 total crashes.
- 14 angle, 9 rear-end, and 9 other crashes.
- 1 crash with pedestrian in dark conditions.
- A pattern of angle crashes.
- Contributing factors include drivers failure to yield and inattention/distraction.

### Countermeasures:

- **Systemic Application of Low-cost Countermeasures:** Install doubled-up, oversized advance intersection warning signs on the through approach to increase driver awareness and recognition of the intersection and potential conflicts.
- **Speed Feedback Signs:** Install speed feedback signs in advance of the intersection to encourage slowing down.

### Supplemental safety measures:

- **No-parking Signs:** Prohibit on-street parking near intersections and crosswalks.



## 4.

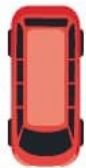
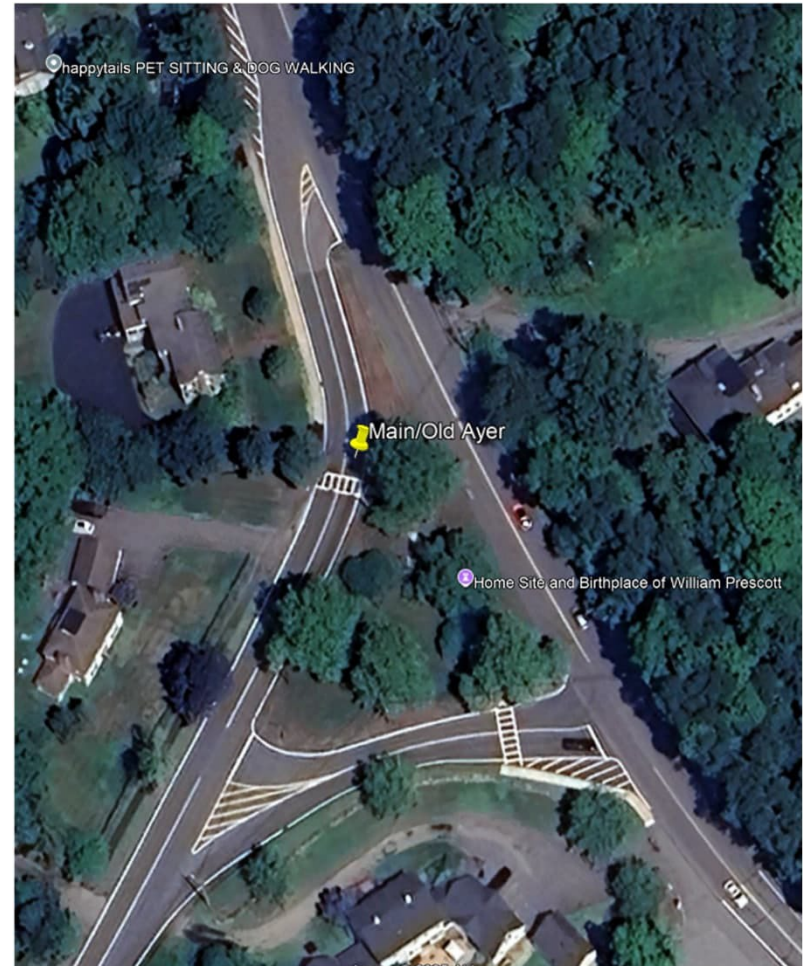
### Main Street & Old Ayer Road Intersection

#### Crash Scene:

- 13 total crashes.
- 6 single vehicle crashes with curb/tree.
- 4 rear-end, 2 sideswipe, and 1 angle crashes.
- Contributing factors include drivers running offroad and speeding .

#### Countermeasures:

- **Speed Feedback Signs:** Install speed feedback signs in advance of the intersection to encourage slowing down.
- **Enhanced Signage:** Install/maintain proper signage on minor approaches.



## 5.

### Boston Road & Sandy Pond Road Intersection

#### Crash Scene:

- 31 total crashes.
- 13 rear-end, 8 angle, 6 sideswipe, and 4 other crashes.
- A pattern of rear-end crashes.
- Contributing factors include driver inattention and failure to yield right of way.

#### Countermeasures:

- **Clearance Interval:** Appropriately timing yellow and red clearance intervals to provide adequate clearance periods.
- **Advance Detection System:** Install advance detection radars to reduce dilemma zone related rear-end crashes and to counteract sight distance and visibility issues.

#### Supplemental safety measures:

- **Pavement Markings:** Repaint stop bars and lane lines. Install intersection extension lines for left-turn lanes.
- **No-turn on Red Signs:** Install no turn-on red signs where applicable to reduce angle crashes due to limited sight distance of Sandy Pond Road approaches.

