Speed Zone Study

Main Street, Grove Street and River Street

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Summary

- **Purpose:** Provide technical data to support a request to MassDOT to change the regulated speed limit along portions of Main Street, Grove Street and River Street

- **Methodology:** Conducted in accordance with the methodology and procedures outlined in MassDOT's *Procedures for Speed Zoning on State Highways and Municipal Roads*, as revised through February 2017

- **Data Collection:** A review of existing land use, traffic control and vehicle travel speeds was undertaken in September 2019

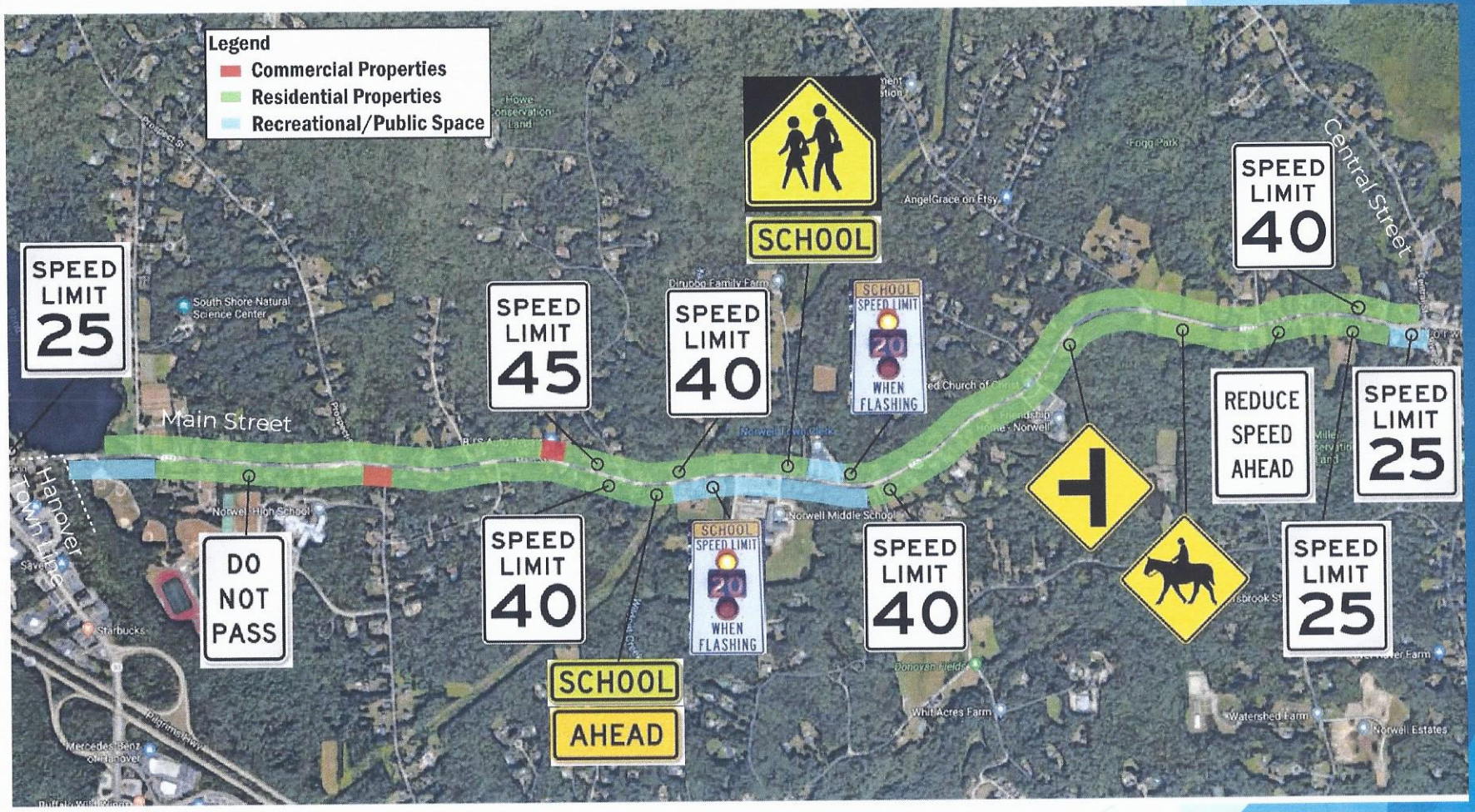
- **Results:** Current speed zoning is inconsistent with abutting land use, motor vehicle crash trends and driver expectation

- **Recommendations:** Speed zoning changes should be considered in order to: i) reflect current land use patterns and motor vehicle crash trends; ii) provide consistent speed regulations along similar roadway segments; and iii) convey a logical progression in the regulated speed limit.

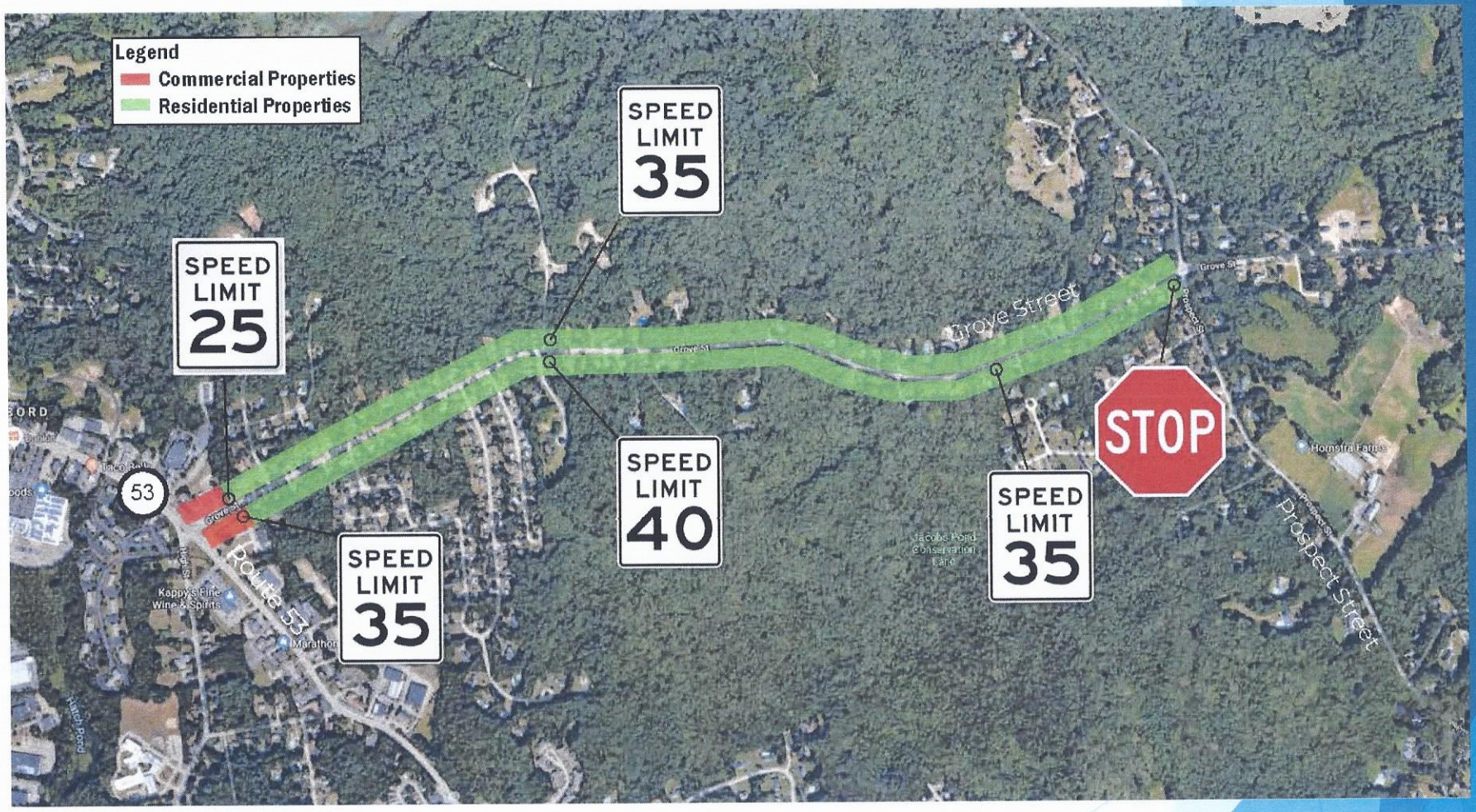
Study Area

Grove Street
Brattle Road
Route 53
Prospect Street
Bowker Street
Main Street
Chittenden Lane
River Street
ASSINIPPI
Legend
Study Area Roadway Segment

Existing Land Use and Traffic Control
Main Street

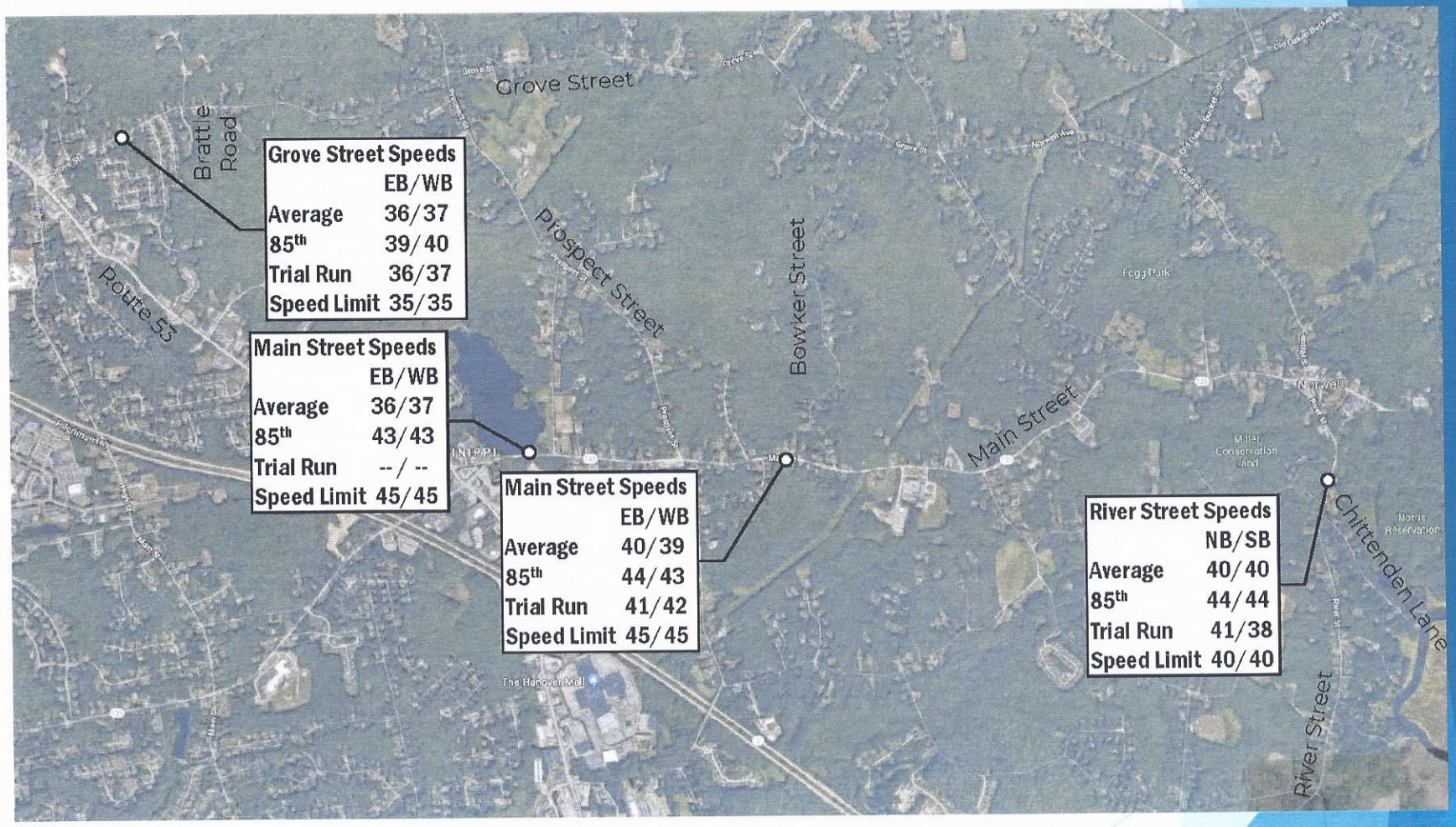


Existing Land Use and Traffic Control
Grove Street



Existing Land Use and Traffic Control
River Street

Travel Speed Measurements



Crash Data (2013-2017): Main Street

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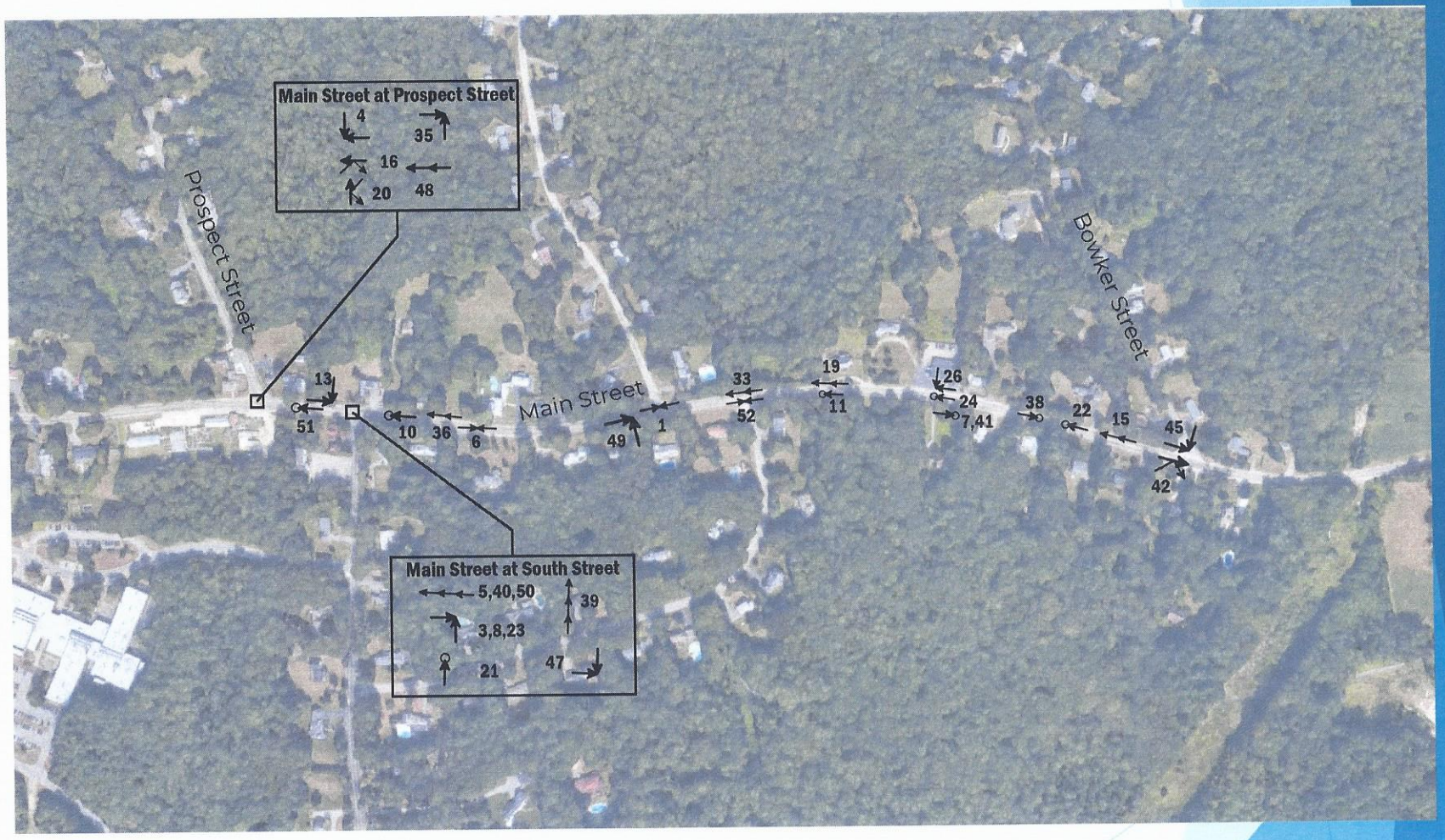
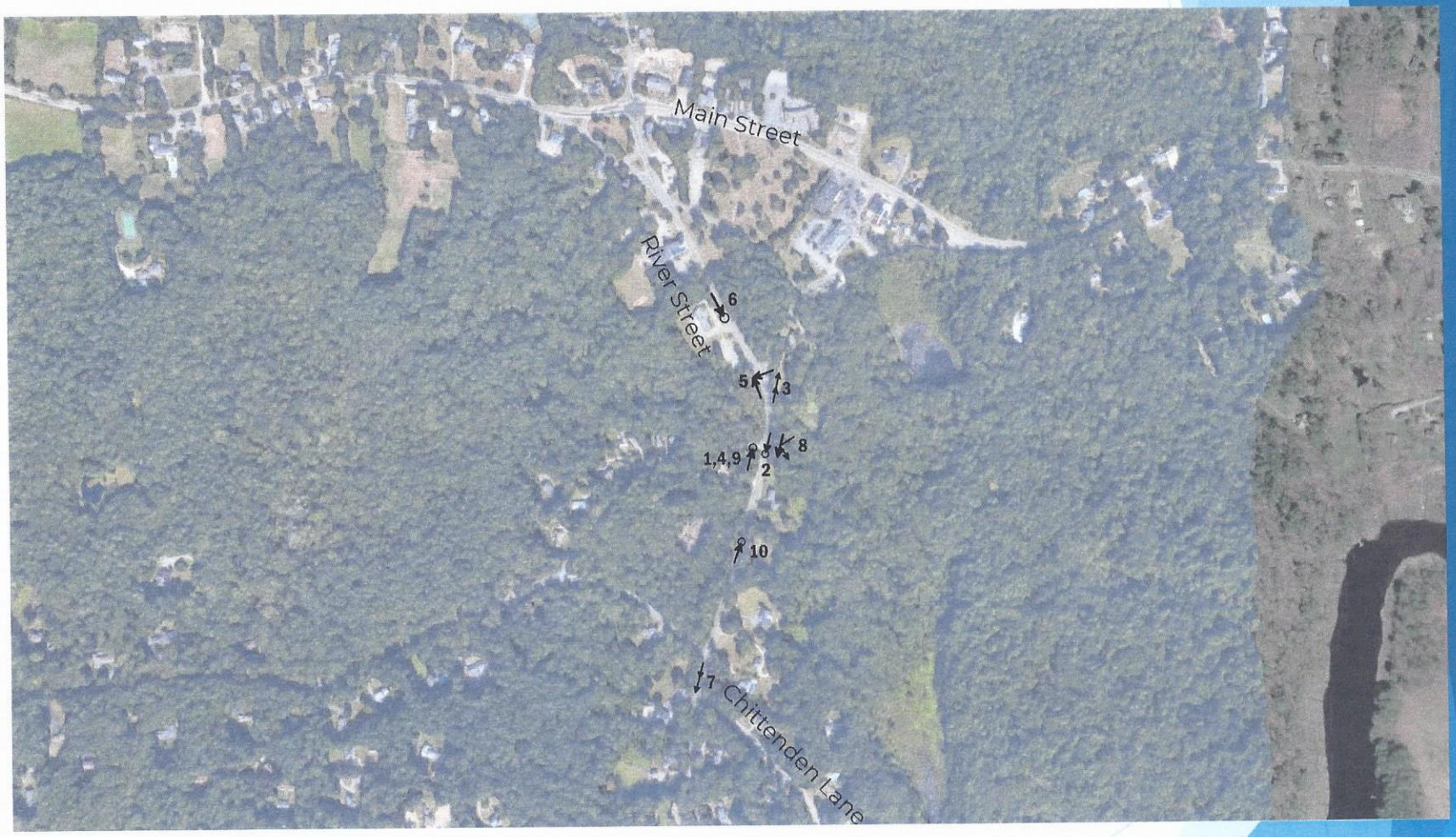


Crash Data (2013–2017): Grove Street

Crash Data (2013–2017): River Street



Recommendations

- **Main Street (Hanover Town Line to Bowker Street):**
  - ***Eastbound:*** 40 miles per hour (mph) (no change)
  - ***Westbound:*** 40 mph (currently 45 mph)
- **Grove Street (Washington Street (Route 53) to Prospect Street):**
  - ***Eastbound:*** 35 mph (currently 35 and 40 mph)
  - ***Westbound:*** 35 mph Prospect Street to 9 Grove Street (no change)
    25 mph 9 Grove Street to Route 53 (no change)
- **River Street (Main Street to Blackthorne Lane):**
  - ***Northbound:*** 35 mph Blackthorne Lane to Forest Street (currently 40 mph)
    30 mph Forest Street to West Street (currently 25 to 30 mph)
    25 mph between West Street and Main Street (no change)
  - ***Southbound:*** 25 mph Main Street to West Street (currently 25 to 30 mph)
    30 mph West Street to Forest Street (no change)
    35 mph Forest Street to Blackthorne Lane (currently 40 mph)

Recommendations – Main Street

Recommendations – Grove Street

Recommendations – River Street

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