

Forbes Road Neighborhood Traffic Analysis Town of Westwood, MA

Summary of Conclusions

May 31, 2022



Project Understanding

- Identify potential cut-through traffic within the neighborhood
- Evaluate volume of truck traffic through the neighborhood
- Observe vehicle speeds



Data Collection Program



- **Turning Movement Counts at Forbes Road @ Everett Street and @ Canton Street**
 - 6:00 AM to 9:00 PM
 - Tuesday 11/16 and Wednesday 11/17
- **Turning Movement Counts at Everett Street @ Canton Street**
 - 7-9 AM and 4-6 PM
- **Tube counter on Forbes Road (speed and class)**
 - 11/16 through 11/18

Data Collection

- **Forbes Road carries an average of 794 vehicles per day**
- **85th percentile speed:**
 - **28 mph southbound**
 - **24 mph northbound**
- **Maximum of 50 vehicles a day traveling 30-35 mph**
- **Maximum of 10 vehicles a day traveling over 35 mph**
- **15-18 delivery vehicles per day**
- **Less than 5 large vehicles per day**

Cut-through Evaluation

- **Determined using traffic count videos**
- **Cut-through traffic is 68% of total southbound traffic and 62% of total northbound traffic between 7:00 AM and 5:00 PM**
- **Average of 20 vehicles an hour cut through per direction (40 total)**
- **Any mitigation must consider:**
 - **Emergency responder access**
 - **Enforceability**
 - **Impact to adjacent streets**



Recommended Alternative

Restrict Forbes Road at Everett Street to right turns westbound entering and southbound left turns exiting



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Maintains Emergency Access

