

## MEMORANDUM

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Ref: 1475  
Subject: Traffic Peer Review  
144 Seekonk Street  
Norfolk, Massachusetts  
From: Kim Eric Hazarvartian, Ph.D., P.E., PTOE  
Principal  
Date: December 18, 2019



WSP prepared the July 30, 2019 memorandum on Seekonk Street Proposed Development Traffic Study (hereinafter Traffic Study). The Traffic Study references an automatic-traffic recorder (ATR) that obtained speed data on Seekonk Street on Wednesday, November 30, 2016 and Thursday, December 1, 2016.

The Traffic Study included a:

- posted speed limit of 35 miles per hour (mph)
- northbound average speed of 37 mph and 85<sup>th</sup> percentile speed of 40 mph
- southbound average speed of 37 mph and 85<sup>th</sup> percentile speed of 41 mph

WSP prepared the November 19, 2019 memorandum on the Proposed Residential Development, 144 Seekonk Street, Norfolk, Massachusetts, Traffic Impact and Access Study (hereinafter Revised Traffic Study). The Revised Traffic Study references an ATR on Tuesday, November 5, 2019 and reported a:

- posted speed limit of 35 mph
- northbound average speed of 34.7 mph and 85<sup>th</sup> percentile speed of 38.5 mph
- southbound average speed of 33.1 mph and 85<sup>th</sup> percentile speed of 36.3 mph

The observed speeds of the Traffic Study are about 2 to 5 mph faster than the speeds of the Revised Traffic Study.

For sight-distance analysis, a Seekonk Street speed of 40 mph is:

- consistent with range of observed 85th percentile speeds
- reasonable compared to the posted speed limit.