

Yovani Baez-Rose
Assistant City Manager/DPD Director

Camilo Espitia
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MEMORANDUM

TO: Thomas A. Golden, Jr., City Manager 

FROM: Yovani Baez-Rose, Assistant City Manager/DPD Director

CC: Elizabeth Oltman, PE, City Transportation Engineer

SUBJECT: INFORMATIONAL – 25 MPH Speed Limit Analysis

DPD has been tracking the results of the City-wide 25 MPH speed limit since its approval through the final removal of special speed regulations in January 2025. For this purpose, the City uses an AI platform that aggregates open-source data on vehicle speeds and volumes. The data is used cautiously, as the platform collects approximately 60% of the vehicles, and therefore is only used for high-level planning efforts. More detailed information used for traffic calming decisions is obtained using City-owned data collection equipment.

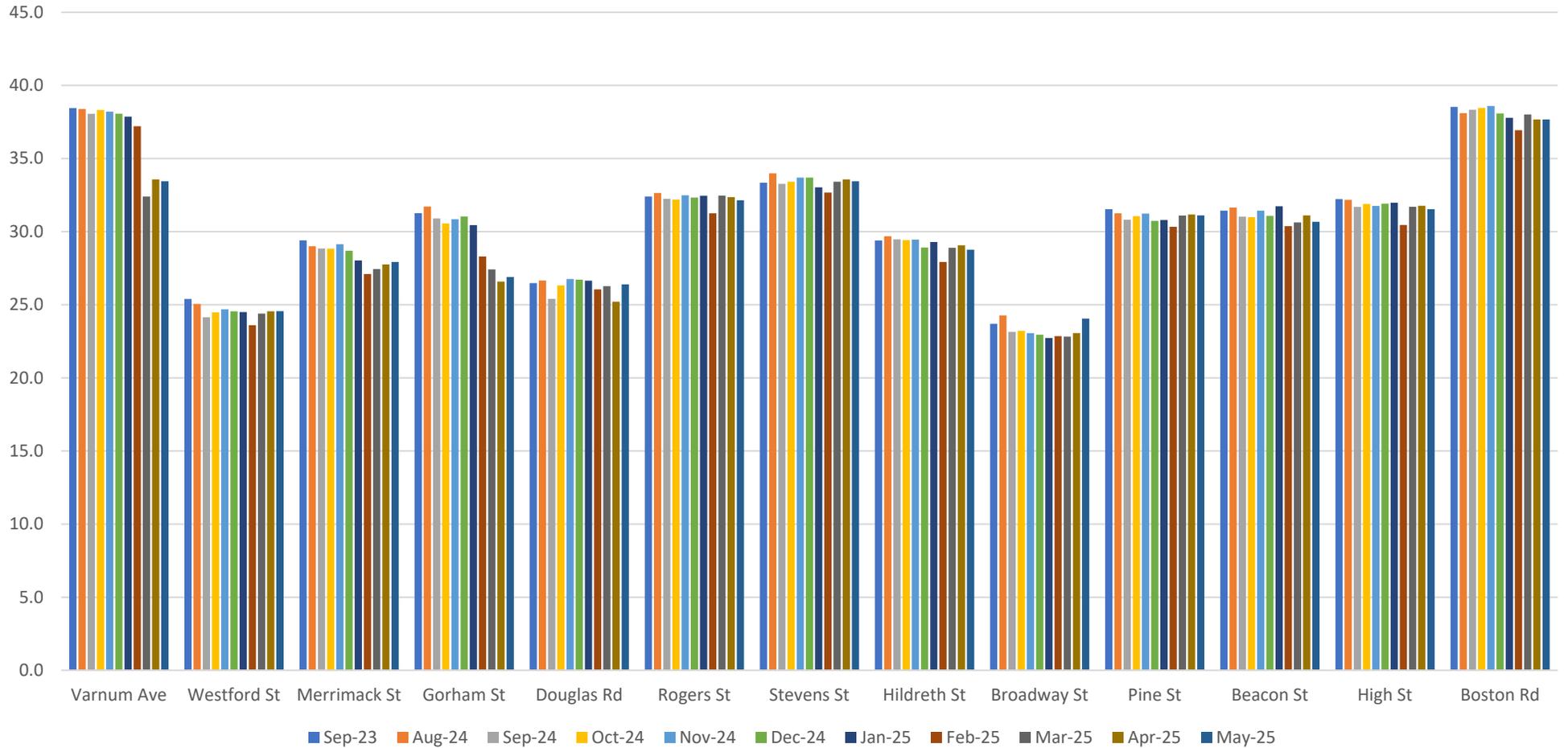
The baseline “before” time period was established as September 2023. The 85th percentile speeds on specific streets were then reviewed monthly between August 2024 and May 2025. The 13 streets chosen represent local neighborhood streets and minor arterial streets in various neighborhoods of the City. A map of the locations is attached.

Across the City, the vehicle speeds have generally reduced from the baseline time period, in some cases significantly. LPD enforcement efforts in September 2024 and February 2025 resulted in a noticeable speed reduction on all monitored streets. The following charts illustrate the data trends.

An additional takeaway from this analysis is that the design (lane widths, presence of on-street parking, overall street width) and character (dense land uses, number of pedestrians, number of cross streets) of any given street reflect in the recorded comfortable driver speeds.

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85th Percentile Speeds Before & After 25 MPH Implementation



85th Percentile Speeds Before and After 25 MPH Implementation

Street Name	Sep-23	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25
Varnum Avenue	38.5	38.4	38.1	38.3	38.2	38.1	37.9	37.2	32.4	33.6	33.4
Westford Street	25.4	25.1	24.1	24.5	24.7	24.6	24.5	23.6	24.4	24.6	24.6
Merrimack Street	29.4	29.0	28.8	28.8	29.1	28.7	28.0	27.1	27.4	27.8	27.9
Gorham Street	31.3	31.7	30.9	30.6	30.9	31.0	30.4	28.3	27.4	26.6	26.9
Douglas Road	26.5	26.7	25.4	26.3	26.8	26.7	26.6	26.1	26.3	25.2	26.4
Rogers Street	32.4	32.6	32.2	32.2	32.5	32.3	32.5	31.3	32.5	32.4	32.1
Stevens Street	33.3	34.0	33.3	33.4	33.7	33.7	33.0	32.7	33.4	33.6	33.4
Hildreth Street	29.4	29.7	29.5	29.4	29.5	28.9	29.3	27.9	28.9	29.1	28.8
Broadway Street	23.7	24.3	23.1	23.2	23.1	23.0	22.7	22.9	22.8	23.1	24.1
Pine Street	31.5	31.3	30.8	31.1	31.2	30.7	30.8	30.3	31.1	31.2	31.1
Beacon Street	31.4	31.6	31.0	31.0	31.4	31.1	31.7	30.4	30.6	31.1	30.7
High Street	32.2	32.2	31.7	31.9	31.8	31.9	32.0	30.5	31.7	31.8	31.5
Boston Road	38.5	38.1	38.3	38.5	38.6	38.1	37.8	36.9	38.0	37.7	37.7

Data Collection Location

● Location

