



City of Red Bank Public Works Department

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Traffic Analysis Report for Duncan Hills Subdivision

In response to resident concerns, the City of Red Bank conducted traffic monitoring across four locations within the Duncan Hills sub-division from **November 24, 2024, to January 26, 2025**. The collected data was analyzed to assess vehicle speeds and determine the potential for traffic calming measures. Below is a detailed breakdown of findings.

Traffic Data Overview

Location	Total Vehicles	% Vehicles Respecting Limit	% Speed Violations	% Vehicles in Tolerated Range	Max Speed (mph)
Adlen Avenue	5,029	90%	10%	9%	45
Lynda Dr-1	14,093	94%	7%	6%	37
Lynda Dr-2	2,946	91%	9%	8%	34
Lynda Dr-3	1,534	84%	17%	14%	45
Total	23,602	90%	13%	9%	

Key Findings

- Compliance Rates:** Most vehicles respected the posted speed limit, with an overall compliance rate of **90%**.
- Speed Violations:** **13% of vehicles** exceeded the speed limit across all locations, with Lynda Dr-3 showing the highest violation rate at **17%**.
- Tolerated Speed Range:** **9% of vehicles** fell within the tolerated speed range, meaning they were slightly above the limit but still within an acceptable threshold.
- Highest Recorded Speeds:** The highest speeds recorded were **45 mph**, notably at Adlen Avenue and Lynda Dr-3.

Community Impact & Next Steps

This analysis highlights generally strong adherence to speed limits, though certain areas have elevated speeding concerns. The City of Red Bank may explore targeted enforcement strategies or traffic-calming measures based on these findings. Residents are encouraged to review this report and provide feedback regarding potential improvements.

The full report will be available on the city's website for public access.