

**NAPA COUNTY
DEPARTMENT OF PUBLIC WORKS**

**County Traffic Engineer –
Engineering and Traffic Survey**

Road:	Atlas Peak Road
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Definition of segments

Segment designation	From	To
B	Hardman Avenue	Westgate Drive

Background

The establishment of speed limits on public roads in California is governed by the requirements of the Vehicle Code. The primary requirement is the preparation of an Engineering & Traffic Survey. This report fulfills the requirement. The report must address the following:

- *Prevailing speeds*
- *Collisions*
- *Conditions not readily apparent to the driver*

Existing Conditions

California Road System classification:	Local road
Description of function in network:	Direct access to property
Length:	1 mile
Terrain:	Level
Width (# lanes, shoulders):	2 lanes
Description of intersections:	Hardman is a T intersection from the west, stop controlled; Westgate is a T intersection from the south, stop controlled.
Description of surrounding land use, size of parcels:	Suburban residential, small agricultural vineyard parcels on west side; Silverado Country Club on east side

Existing Traffic Controls

Current posted speed:	55
Striping:	Double yellow centerline, white edgelines
Left-turn pockets:	None

Prevailing Speeds

Date of surveys:	June 14, 2017
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Segment	Location	Direction	Prevailing speed
B	Hardman to Westgate	Northbound	53
B	Hardman to Westgate	Southbound	53

Collision Records

Period reviewed:	2012-2017
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Segment	Location	Number of collisions	Comments
B	Hardman to Westgate	1	DUI

Speed Limit Evaluation

A posted speed limit is required to be at the 5-mph increment nearest to the measured prevailing speed. It may be lowered by 5 mph if the Engineering & Traffic Survey documents in writing the conditions and justification for the lower speed limit.

The speed limit on Atlas Peak Road is evaluated as follows:

Based on prevailing speeds alone, the data indicates that it would be appropriate to post a speed limit as follows:

Segment	Location	Speed based on survey
B	Hardman to Westgate	55

In cases in which the speed limit needs to be rounded up to the nearest five miles per hour increment of the 85th-percentile speed, the local authority may decide instead to round down, but then shall not reduce the speed limit any further for any reason.

Summary of Findings

Speed limit will be posted on Atlas Peak Road as follows, and will be eligible for radar enforcement under the provisions of Section 40802 of the California Vehicle Code.

Segment	Location	Speed to be posted
B	Hardman Avenue to Westgate Drive	50

Report prepared by:
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Signature

8/23/17
Date

Report filed by:
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Signature

8/23/17
Date

Seal:

