



City of Redding  
Public Works Department  
Traffic Operations

## Engineering and Traffic Survey of Alta Mesa Drive

Survey Date: 12/03/2013  
7-year Expiration: 12/03/2020

For the determination of safe and reasonable speed zoning as required by Sections 22358 and 40802 of the California Vehicle Code (CVC), as defined by Section 627 of the CVC and in accordance with Section 2B.13 of the California Manual on Uniform Traffic Control Devices, this Engineering and Traffic Survey (E&TS) was initiated to verify or modify speed zones on Alta Mesa Drive.

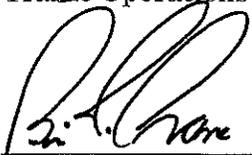
Based on the results of this E&TS and adoption of Ordinance Number 2465 by the City Council of the City of Redding, amending Redding Municipal Code Section 11.12.010, the following speed zone on Alta Mesa Drive is established:

- 35 mph from Rancho Road to Hartnell Avenue

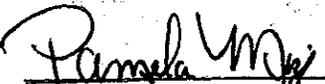
In accordance with Redding Municipal Code 11.08.010, appropriate signs giving notice of the above speed zoning shall be placed and the stated speed limit(s) shall be effective upon the placement of such signs.

  
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John C. Abshier, P.E. Date  
Traffic Operations Manager



  
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Brian Crane, P. E. Date  
Director of Public Works

ATTEST:

  
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PAMELA MIZE, City Clerk



## Alta Mesa Drive

<b>SPEED ZONE BOUNDARY</b>	Rancho Road to Galaxy Way	Galaxy Way to Hartnell Avenue
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**ROADSIDE CONDITIONS**

Land Use District	Residential	Residential
Pedestrian Use	Numerous	Numerous
Percent Sidewalks	0%	60%
Bike Lane or Bike Route	No	No
Driveways Present	Numerous	Numerous

**ROADWAY GEOMETRY**

Roadway Segment Length, Ft	2,055	3,114
Number of Thru Lanes	2 (1 NB, 1 SB)	2 (1 NB, 1 SB)
Width, Ft	40	40
Median Type	Double Yellow Stripe	Double Yellow Stripe
Horizontal Alignment	Straight	Straight
Vertical Alignment	Flat	Flat

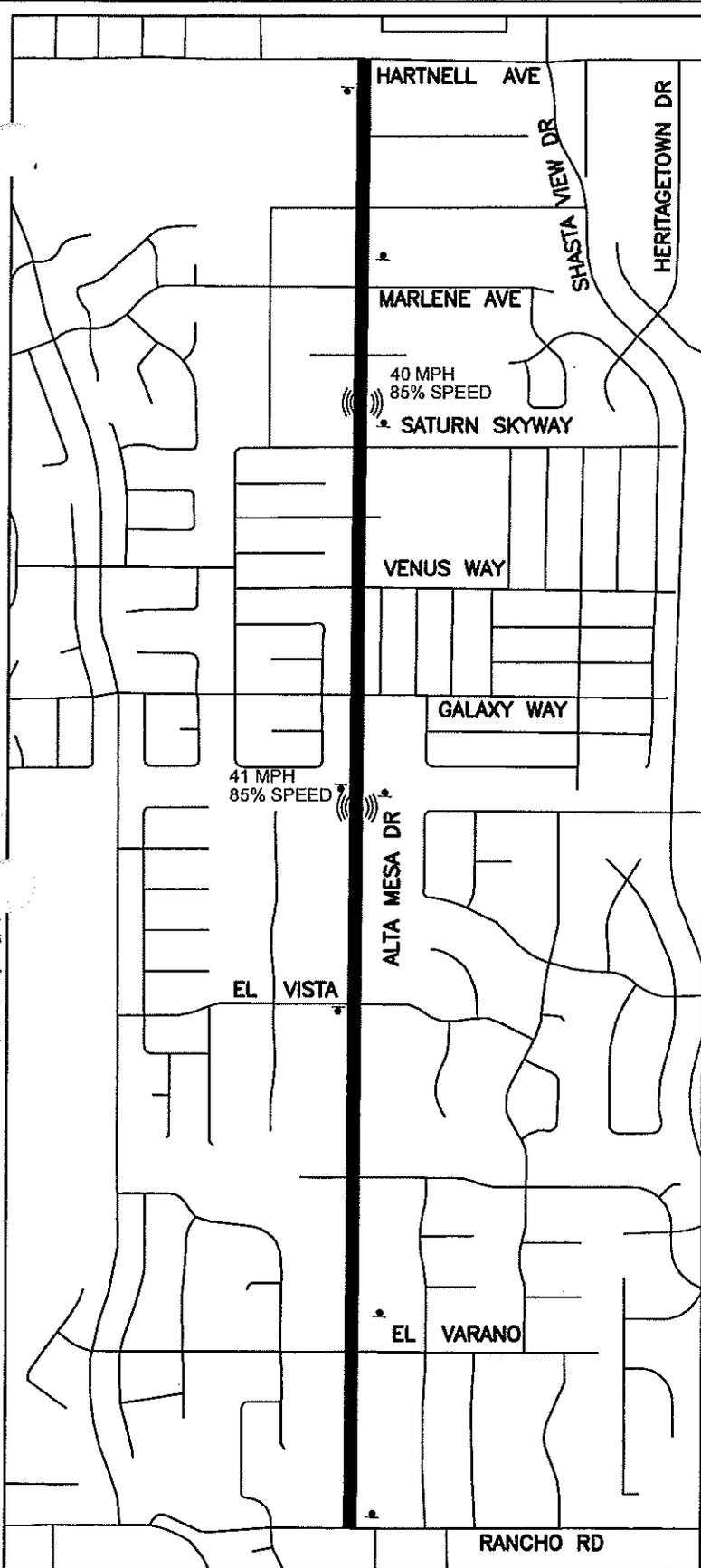
**TRAFFIC CONDITIONS**

Average Daily Traffic (ADT)	1,328	3,021
Collisions in the Last 2 Years	2	4
Collision Rate, per Million Vehicles	2.06	3.08 Coll/MVM
City-Wide Average Rate, Per/MV	1.92	2.21 Coll/MVM
10 mph Pace Range, mph	31 - 41	32 - 42
Vehicles Within Pace, %	73	76
Median Speed (50%), mph	36	35
Existing Posted Speed, mph	35	30
Prevailing Speed (85%), mph	41	40
Nearest 5-mph Increment, mph	40	40
5-mph Reduction Recommended	Yes	Yes

**RECOMMENDATION**

POST SPEED LIMIT	35 mph	35 mph
<p>Conditions Justifying 5-mph Reduction Below the Nearest 5-mph Increment of the Prevailing Speed (85%)</p>	<p>The collision rate and number of collisions indicate conditions may not be readily apparent to drivers. Frequent use by pedestrians and cyclists has been observed. A 5-mph reduction is justified.</p>	<p>The collision rate and number of collisions indicate conditions may not be readily apparent to drivers. Frequent use by pedestrians and cyclists has been observed. A 5-mph reduction is justified.</p>

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### LEGEND

- SPEED LIMIT SIGN
- (( )) RADAR LOCATION
- █ 35 MPH SPEED LIMIT ZONE

CITY OF REDDING PUBLIC WORKS DEPARTMENT

# ALTA MESA DRIVE

## ENGINEERING & TRAFFIC SURVEY

### RANCHO RD TO HARTNELL AVE

