



City of Redding  
Public Works Department  
Traffic Operations

## Engineering and Traffic Survey of Argyle Road

Survey Date: 12/10/2013  
7-year Expiration: 12/10/2020

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 Argyle Road.

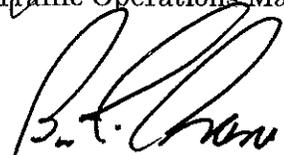
Based on the results of this E&TS and adoption of Ordinance Number 2465 by the City Council of the City of Redding, amending Redding Municipal Code Section 11.12.010, the following speed zone on Argyle Road is established:

- 45 mph from Hartnell Avenue to Airport Road

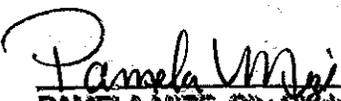
In accordance with Redding Municipal Code 11.08.010, appropriate signs giving notice of the above speed zoning shall be placed and the stated speed limit(s) shall be effective upon the placement of such signs.

  
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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



## Argyle Road

<b>SPEED ZONE BOUNDARY</b>	Airport Road to Hartnell Avenue
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### ROADSIDE CONDITIONS

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

### ROADWAY GEOMETRY

Roadway Segment Length, Ft	4,108
Number of Thru Lanes	2 (1 NB, 1 SB)
Width, Ft	32
Median Type	Yellow Centerline
Horizontal Alignment	Straight
Vertical Alignment	Flat

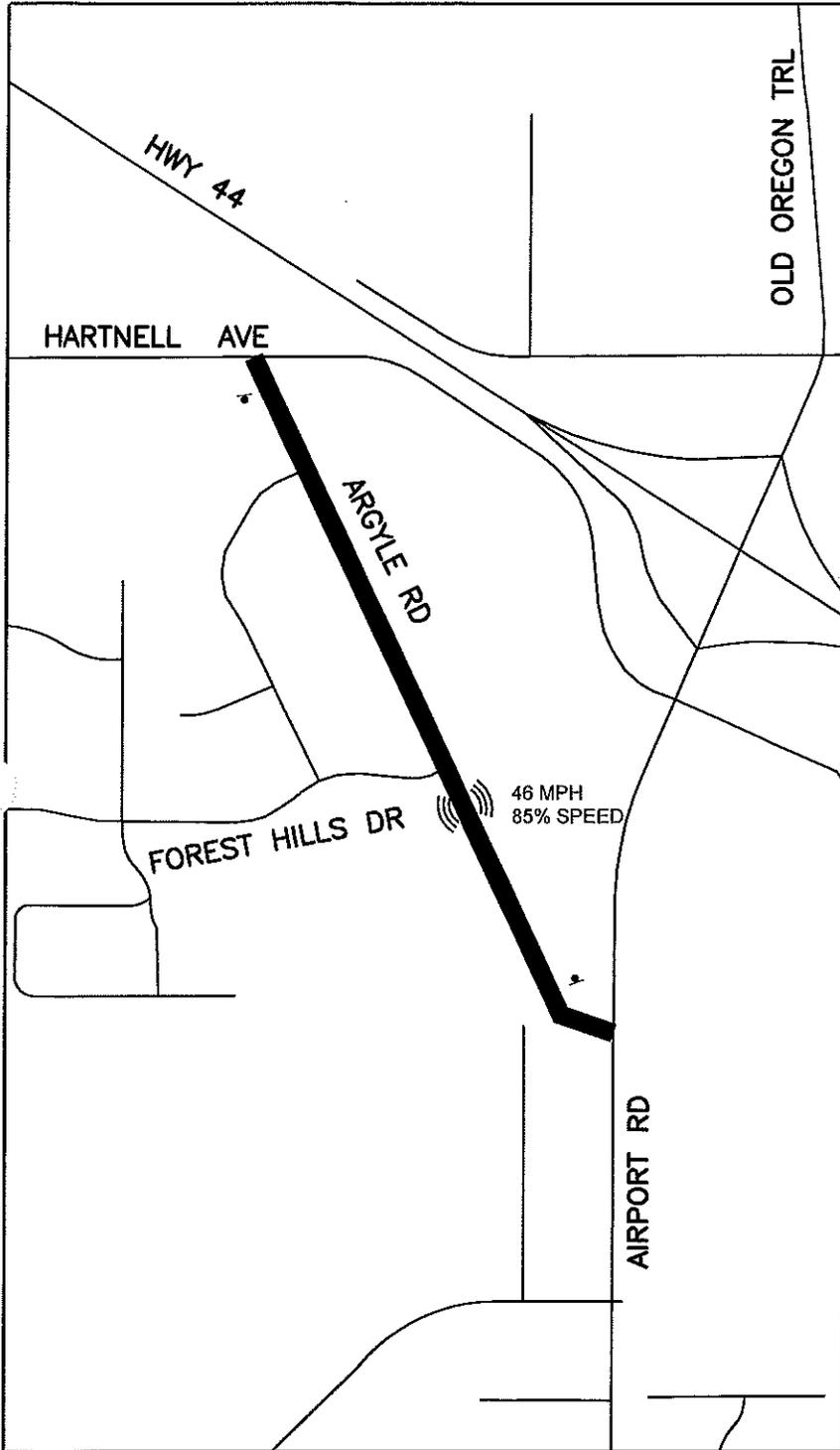
### TRAFFIC CONDITIONS

Average Daily Traffic (ADT)	2,859
Collisions in the Last 2 Years	1
Collision Rate, per MVM	0.62
City-Wide Average Rate, per MVM	2.21
10 mph Pace Range, mph	37 - 47
Vehicles Within Pace, %	82
Median Speed (50%), mph	43
Existing Posted Speed, mph	45
Prevailing Speed (85%), mph	46
Nearest 5-mph Increment, mph	45
5-mph Reduction Recommended	No

### RECOMMENDATION

<b>POST SPEED LIMIT</b>	<b>45 mph</b>
Conditions Justifying 5-mph Reduction Below the Nearest 5-mph Increment of the Prevailing Speed (85%)	n/a

2 Studies\Engineering and Traffic Survey\Volume 3 2014\speed zone maps\2010 base Speed Survey.dwg, 12/11/10 10:55:04 AM



**LEGEND**

-  SPEED LIMIT SIGN
-  RADAR LOCATION
-  45 MPH SPEED LIMIT ZONE

CITY OF REDDING PUBLIC WORKS DEPARTMENT

**ARGYLE ROAD**  
**ENGINEERING & TRAFFIC SURVEY**  
 HARTNELL AVE TO AIRPORT RD

