



City of Redding
Public Works Department
Traffic Operations

Engineering and Traffic Survey of Collyer Drive

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 Collyer 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 Collyer Drive is established:

- 45 mph from Hawley Road to Poison Oak Lane

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.



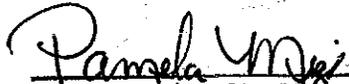
John C. Abshier, P.E. Date
Traffic Operations Manager





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

ATTEST:



PAMELA MIZE, City Clerk



City of Redding
Public Works Department
Traffic Operations

Collyer Drive

SPEED ZONE BOUNDARY	Hawley Road to Poison Oak Lane
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ROADSIDE CONDITIONS

Land Use District	Residential
Pedestrian Use	Few
Percent Sidewalks	20%
Bike Lane or Bike Route	Yes
Driveways Present	Few

ROADWAY GEOMETRY

Roadway Segment Length, Ft	5,702
Number of Thru Lanes	2 (1 WB, 1 EB)
Width, Ft	28 - 46
Median Type	Double Yellow Stripe
Horizontal Alignment	Gradual Curves
Vertical Alignment	Vertical Curves

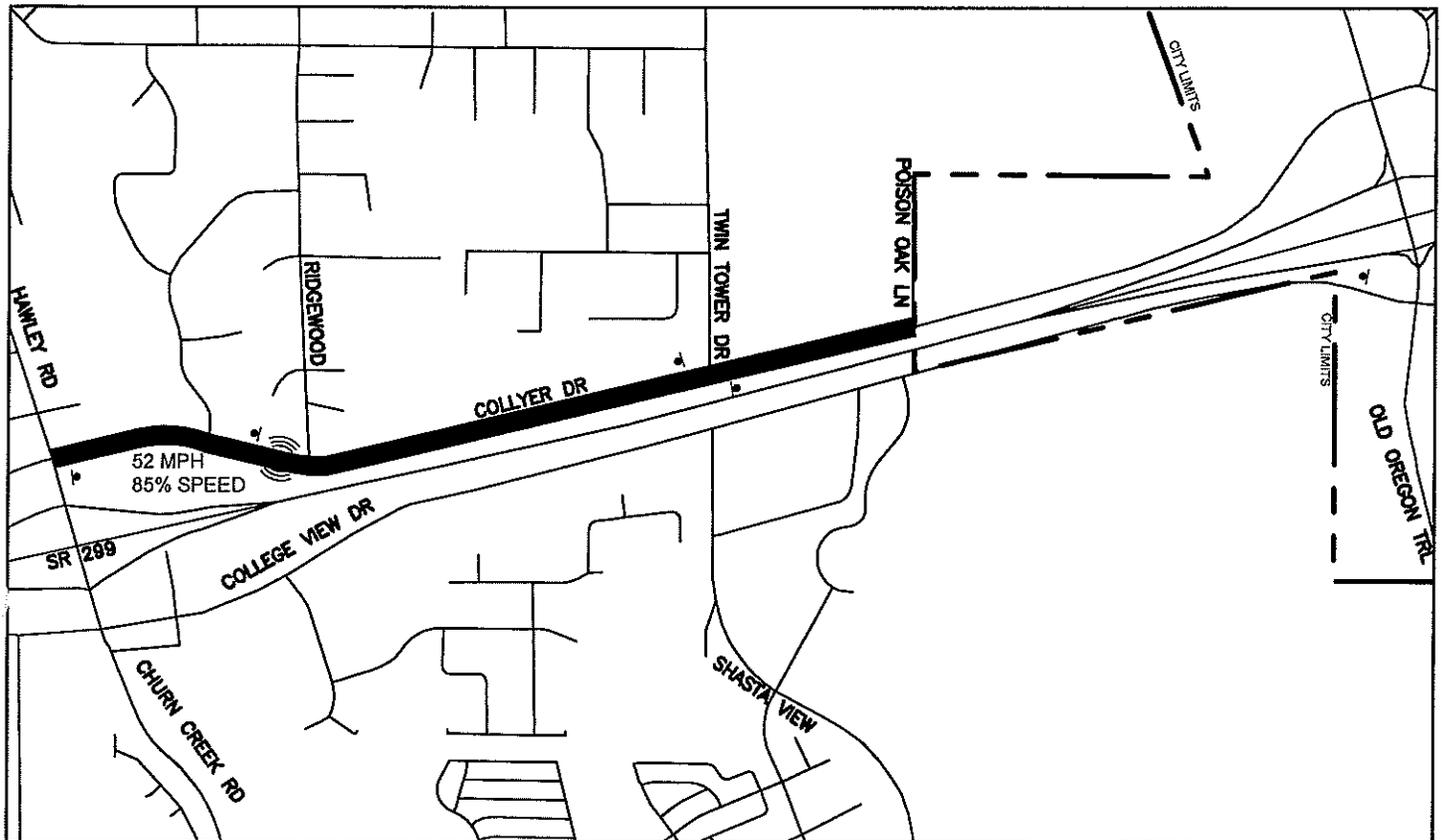
TRAFFIC CONDITIONS

Average Daily Traffic (ADT)	2,356
Collisions in the Last 2 Years	2
Collision Rate, per MVM	1.08
City-Wide Average Rate, per MVM	2.21
10 mph Pace Range, mph	43 - 53
Vehicles Within Pace, %	72
Median Speed (50%), mph	46
Existing Posted Speed, mph	45
Prevailing Speed (85%), mph	52
Nearest 5-mph Increment, mph	50
5-mph Reduction Recommended	Yes

RECOMMENDATION

POST SPEED LIMIT	45 mph
<p>Conditions Justifying 5-mph Reduction Below the Nearest 5-mph Increment of the Prevailing Speed (85%)</p>	<p>The presence of pedestrians and frequent use by cyclists has been observed. This section is a Bike Route. A 5-mph reduction is justified.</p>

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LEGEND

- ▼ SPEED LIMIT SIGN
- ⊕⊕ RADAR LOCATION
- █ 45 MPH SPEED LIMIT ZONE

CITY OF REDDING PUBLIC WORKS DEPARTMENT



COLLYER DRIVE ENGINEERING & TRAFFIC SURVEY CHURN CREEK RD TO POISON OAK LN (CITY LIMITS)

