City of Redding
Public Works Department
Traffic Operations

Engineering and Traffic Survey of College View 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 College View 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 College View Drive is established:

- 45 mph from Churn Creek Road to 560 feet west of Old Oregon Trail

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.

REGISTERED PROFESSIONAL ENGINEER JOHN C. ABSHIER No. C63895 CIVIL STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER JOHN C. ABSHIER TR 2251 TRAFFIC STATE OF CALIFORNIA

12-24-13

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

2/26/14

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

ATTEST:

PAMELA MIZE, City Clerk

City of Redding
Public Works Department
Traffic Operations

Engineering & Traffic Survey

College View Drive

SPEED ZONE BOUNDARY	Churn Creek Road to Redding City Limit

ROADSIDE CONDITIONS

Land Use District	Residential / Business
Pedestrian Use	Few
Percent Sidewalks	3%
Bike Lane or Bike Route	Yes
Driveways Present	Few

ROADWAY GEOMETRY

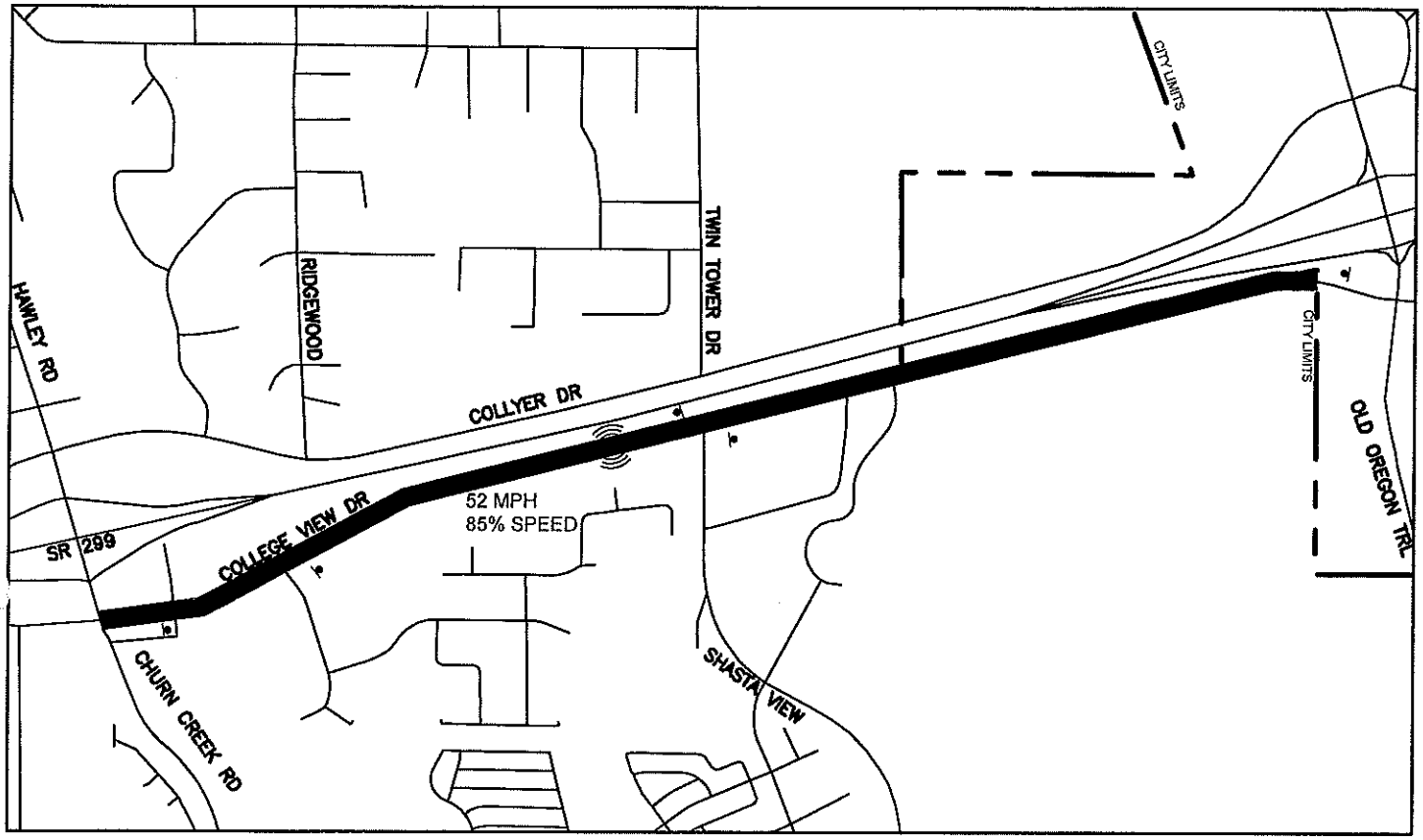
Roadway Segment Length, Ft	3,250
Number of Thru Lanes	2 (1 WB, 1 EB)
Width, Ft	32 - 60
Median Type	Double Yellow Stripe
Horizontal Alignment	Gradual Curves
Vertical Alignment	Vertical Curves

TRAFFIC CONDITIONS

Average Daily Traffic (ADT)	5,968
Collisions in the Last 2 Years	2
Collision Rate, per MVM	0.75
City-Wide Average Rate, per MVM	2.21
10 mph Pace Range , mph	43 - 53
Vehicles Within Pace, %	74
Median Speed (50%) , mph	47
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**
Conditions Justifying 5-mph Reduction Below the Nearest 5-mph Increment of the Prevailing Speed (85%)	The presence of pedestrians and frequent use by cyclists has been observed. This section includes on-street Bike Lanes and is a Bike Route. A 5-mph reduction is justified.



LEGEND

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

CITY OF REDDING PUBLIC WORKS DEPARTMENT

COLLEGE VIEW DRIVE ENGINEERING & TRAFFIC SURVEY

CHURN CREEK RD TO CITY LIMITS

Studies\Engineering and Traffic Survey\Volume 3 2014\speed zone maps\2010 Base Speed Survey.dwg, 1/7/ 11:54:00 AM