



City of Redding
Public Works Department
Traffic Operations

Engineering and Traffic Survey of Twin View Blvd

Survey Date: 2/24/2015
7-year Expiration: 2/24/2022

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 Twin View Blvd.

Based on the results of this E&TS and adoption of Ordinance Number 2548 by the City Council of the City of Redding, amending Redding Municipal Code Section 11.12.010, the following speed zone(s) on Twin View Blvd is / are established:

- 35 mph from SR 273 to Constitution Way
- 45 mph from Consitution Way to City Limit

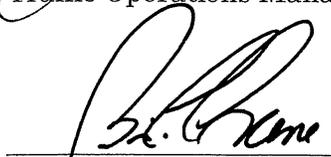
In accordance with Redding Municipal Code 11.08.010, appropriate signs giving notice of the above speed zoning shall be placed and the stated speed limit(s) shall be effective upon the placement of such signs.



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

Date

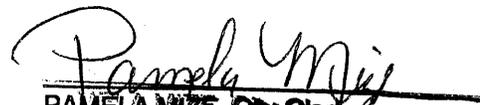




Brian Crane, P. E.
Director of Public Works

Date

ATTEST:



PAMELA MIZE, City Clerk



Twin View Blvd

SPEED ZONE BOUNDARY	SR 273 to Constitution Way	Constitution Way to City Limit
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ROADSIDE CONDITIONS

Land Use District	Business	Rural Business
Pedestrian Use	Numerous	Few
Percent Sidewalks	40%	5%
Bike Lane or Bike Route	No	Yes
Driveways Present	Numerous	Several

ROADWAY GEOMETRY

Roadway Segment Length, Ft	5,007	6,785
Number of Thru Lanes	2	2
Width, Ft	30-62	24-62
Median Type	Double Yellow Stripe	Double Yellow Stripe
Horizontal Alignment	Curvilinear	Curvilinear
Vertical Alignment	Vertical Curves	Vertical Curves

TRAFFIC CONDITIONS

Average Daily Traffic (ADT)	3,706	1,122
Collisions in the Last 2 Years	11	3
Collision Rate	4.29 Coll/MVM	2.85 Coll/MVM
City-Wide Average Rate	1.86 Coll/MVM	1.86 Coll/MVM
10 mph Pace Range, mph	32-42	41-51
Vehicles Within Pace, %	81%	64%
Median Speed (50%), mph	36	44
Existing Posted Speed, mph	40	40
Prevailing Speed (85%), mph	41	50
Nearest 5-mph Increment, mph	40	50

5-MPH REDUCTION OPTION per CA-MUTCD 2B.13 Option 1

Conditions that justify a 5-mph reduction below the nearest 5-mph increment of the prevailing speed:

Traffic Safety	Yes	Yes
Safety of Pedestrians	Yes	-
Safety of Cyclists	-	Yes
Residential Density	-	-
5-mph Reduction Recommended	Yes	Yes

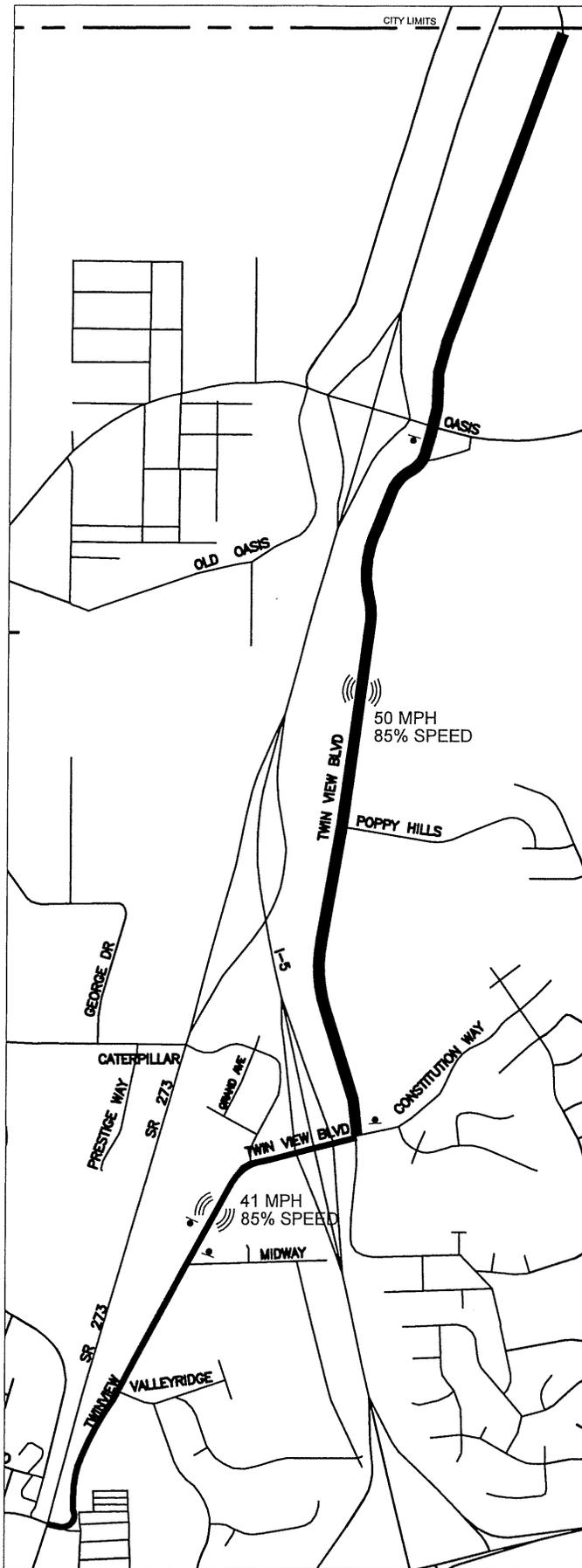
ROUNDING DOWN OPTION per CVC 21400 (b)

Where the nearest 5 mph increment would require rounding *up* from the prevailing speed, the posted speed limit may be rounded *down* from the prevailing speed, with no further reduction for any reason.

Rounding Down Recommended	No	No
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RECOMMENDATION

POST SPEED LIMIT	35 mph	45 mph
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LEGEND

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

CITY OF REDDING PUBLIC WORKS DEPARTMENT

TWIN VIEW BLVD

ENGINEERING & TRAFFIC SURVEY

SR 273 to City Limit

