



City of Redding
Public Works Department
Traffic Operations

Engineering and Traffic Survey of Clear Creek Road

Survey Date: 3/10/2015
7-year Expiration: 3/10/2022

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 Clear Creek Road.

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 Clear Creek Road is / are established:

- prima facie 55 mph from the Western City Limit to the A.C.I.D. canal
- 45 mph from 800 feet west of SR 273 to SR 273

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.



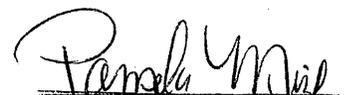
John C. Abshier, P.E. Date
Traffic Operations Manager



Brian Crane, P. E. 6/13/2016 Date
Director of Public Works



ATTEST:



PAMELA MIZE, City Clerk



Clear Creek Road

SPEED ZONE BOUNDARY	Western City Limit	800 feet west of
	to A.C.I.D. canal	SR 273 to SR 273

ROADSIDE CONDITIONS

Land Use District	Business	Rural Business
Pedestrian Use	Few	Few
Percent Sidewalks	0%	10%
Bike Lane or Bike Route	Yes	Yes
Driveways Present	Numerous	Numerous

ROADWAY GEOMETRY

Roadway Segment Length, Ft	18,460	800
Number of Thru Lanes	2	2
Width, Ft	28-52	50
Median Type	Double Yellow Stripe	Double Yellow Stripe
Horizontal Alignment	Gradual Curves	Straight
Vertical Alignment	Vertical Curves	On Grade

TRAFFIC CONDITIONS

Average Daily Traffic (ADT)	3,187	4,350
Collisions in the Last 2 Years	(not available)	3
Collision Rate	n/a	0.94 Coll/MV
City-Wide Average Rate	1.86 Coll/MVM	1.64 Coll/MV
10 mph Pace Range, mph	48-58	37-47
Vehicles Within Pace, %	70%	69%
Median Speed (50%), mph	54	43
Existing Posted Speed, mph	50	45
Prevailing Speed (85%), mph	59	49
Nearest 5-mph Increment, mph	60	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	-	-
Safety of Pedestrians	-	Yes
Safety of Cyclists	-	Yes
Residential Density	-	Yes
5-mph Reduction Recommended	No	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	Yes	No
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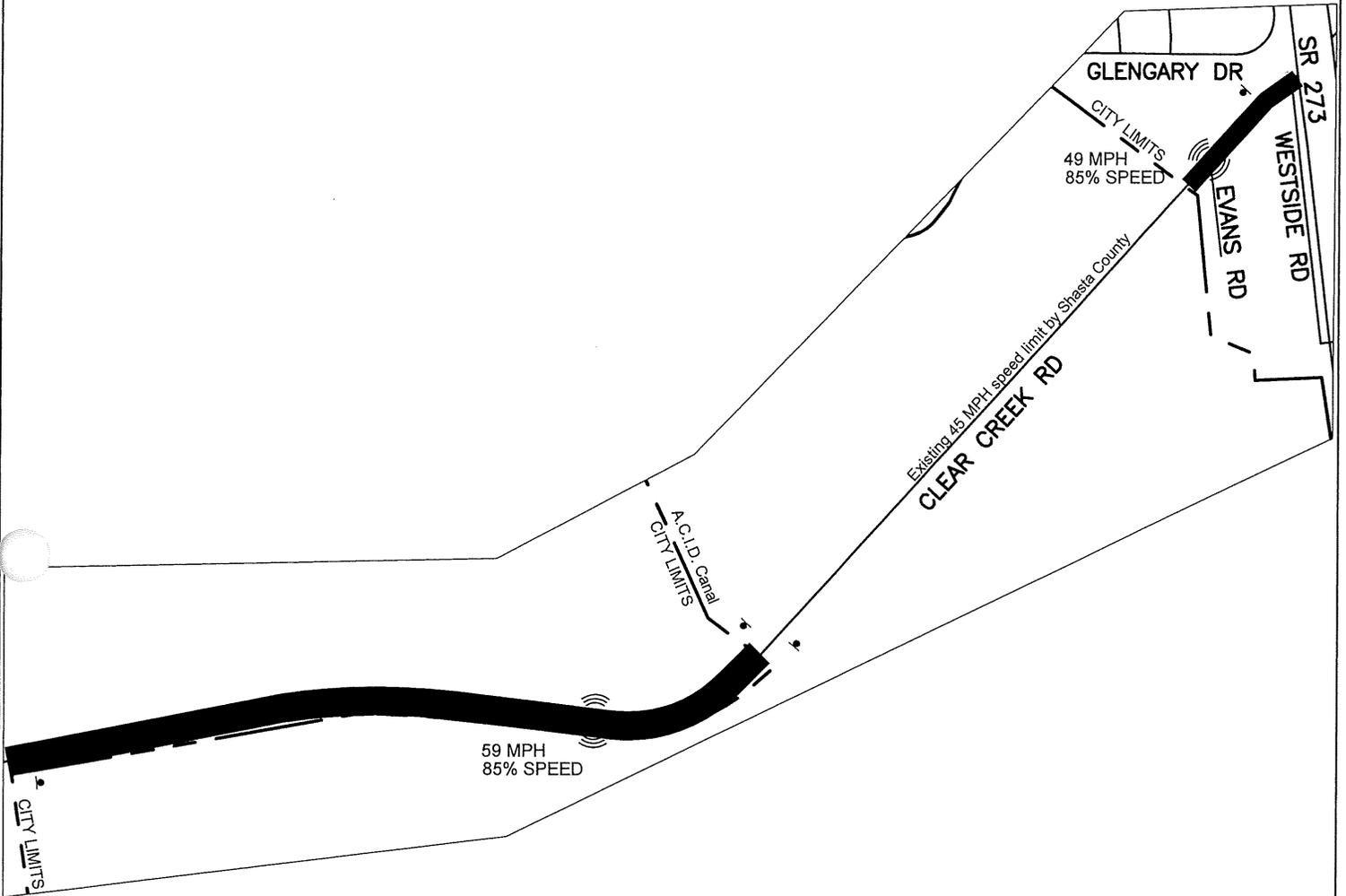
RECOMMENDATION

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POST SPEED LIMIT	55 mph*	45 mph
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* This speed limit has reverted to a prima facie 55 mph limit in this section, based on this E&TS.

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LEGEND

- ▼ SPEED LIMIT SIGN
- (()) RADAR LOCATION
- █ 45 MPH SPEED LIMIT ZONE
- █ 55 MPH SPEED LIMIT ZONE

CITY OF REDDING PUBLIC WORKS DEPARTMENT

CLEAR CREEK ROAD ENGINEERING & TRAFFIC SURVEY

City Limits to SR 273

