



City of Redding
Public Works Department
Traffic Operations

Engineering and Traffic Survey of Beltline Road

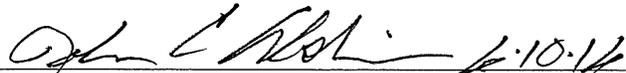
Survey Date: 2/26/2015
7-year Expiration: 2/26/2022

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 Beltline Road.

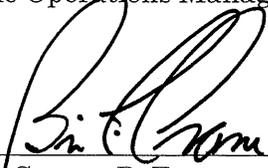
Based on the results of this E&TS and adoption of Ordinance Number 2548 by the City Council of the City of Redding, amending Redding Municipal Code Section 11.12.010, the following speed zone(s) on Beltline Road is / are established:

- 40 mph from Caterpillar Road to Oasis 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.



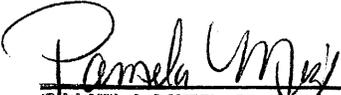
John C. Abshier, P.E. Date
Traffic Operations Manager



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



ATTEST:



PAMELA MIZE, City Clerk



Beltline Road

SPEED ZONE BOUNDARY	Caterpillar Road to Oasis Road
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ROADSIDE CONDITIONS

Land Use District	Business
Pedestrian Use	Moderate
Percent Sidewalks	45%
Bike Lane or Bike Route	No
Driveways Present	Numerous

ROADWAY GEOMETRY

Roadway Segment Length, Ft	2,962
Number of Thru Lanes	2
Width, Ft	42
Median Type	Double Yellow Stripe
Horizontal Alignment	Straight
Vertical Alignment	Flat

TRAFFIC CONDITIONS

Average Daily Traffic (ADT)	2,265
Collisions in the Last 2 Years	3
Collision Rate	3.23 Coll/MVM
City-Wide Average Rate	1.86 Coll/MVM
10 mph Pace Range , mph	32-42
Vehicles Within Pace, %	68%
Median Speed (50%) , mph	37
Existing Posted Speed, mph	40
Prevailing Speed (85%) , mph	43
Nearest 5-mph Increment, mph	45

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	-
Safety of Cyclists	-
Residential Density	-
5-mph Reduction Recommended	No

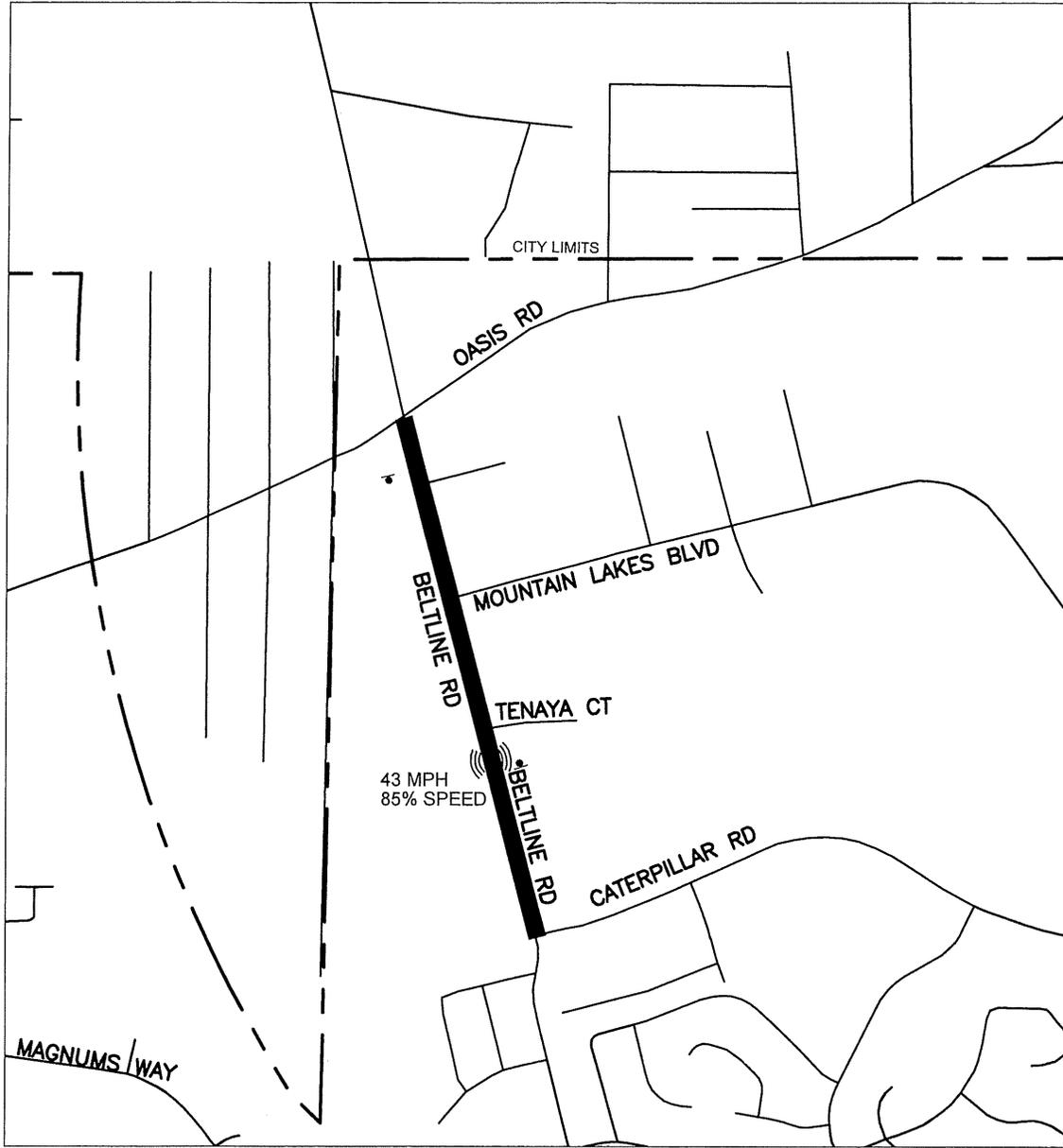
ROUNDING DOWN OPTION per CVC 21400 (b)

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
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RECOMMENDATION

POST SPEED LIMIT	40 mph
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LEGEND

- SPEED LIMIT SIGN
- (()) RADAR LOCATION
- █ 40 MPH SPEED ZONE

CITY OF REDDING PUBLIC WORKS DEPARTMENT

BELTIME ROAD

ENGINEERING & TRAFFIC SURVEY

Caterpillar Road to Oasis Road

