



City of Redding  
Public Works Department  
Traffic Operations

## Engineering and Traffic Survey of Butte Street

Survey Date: 3/30/2015  
7-year Expiration: 3/30/2022

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 Butte Street.

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 Butte Street is / are established:

- 35 mph from Continental Street to Sundial Bridge Drive

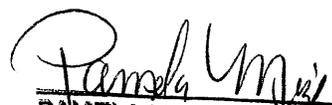
In accordance with Redding Municipal Code 11.08.010, appropriate signs giving notice of the above speed zoning shall be placed and the stated speed limit(s) shall be effective upon the placement of such signs.

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



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

**ATTEST:**

  
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PAMELA MIZE, City Clerk



## Butte Street

<b>SPEED ZONE BOUNDARY</b>	Continental St to Sundial Bridge Dr
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**ROADSIDE CONDITIONS**

Land Use District	Business
Pedestrian Use	Numerous
Percent Sidewalks	100%
Bike Lane or Bike Route	Yes
Driveways Present	Several

**ROADWAY GEOMETRY**

Roadway Segment Length, Ft	2,081
Number of Thru Lanes	2
Width, Ft	32 -62
Median Type	Dble Yellow/Ctr Turn Lane
Horizontal Alignment	Curvilinear
Vertical Alignment	Vertical Curves

**TRAFFIC CONDITIONS**

Average Daily Traffic (ADT)	5,609
Collisions in the Last 2 Years	5
Collision Rate	1.22 Coll/MV
City-Wide Average Rate	1.64 Coll/MV
10 mph Pace Range , mph	32-42
Vehicles Within Pace, %	69%
Median Speed (50%) , mph	35
Existing Posted Speed, mph	35
Prevailing Speed (85%) , mph	41
Nearest 5-mph Increment, mph	40

**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	-
5-mph Reduction Recommended	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
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**RECOMMENDATION**

<b>POST SPEED LIMIT</b>	<b>35 mph</b>
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### LEGEND

- ◆ SPEED LIMIT SIGN
- ⊕ RADAR LOCATION
- 35 MPH SPEED ZONE

CITY OF REDDING PUBLIC WORKS DEPARTMENT

**BUTTE STREET**  
**ENGINEERING & TRAFFIC SURVEY**  
 CONTINENTAL ST TO SUNDIAL BRIDGE DR

