



**City of Redding**  
 Public Works Department  
 Traffic Operations

## Engineering and Traffic Survey of Locust Street

Survey Date: 4/1/2015  
 7-year Expiration: 4/1/2022

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 Locust 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 Locust Street is / are established:

- 30 mph from East Street to Park Marina 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



## Locust Street

<b>SPEED ZONE BOUNDARY</b>	East St to Civic Center Dr	Civic Center Dr to Athens Ave	Athens Ave to Park Marina
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**ROADSIDE CONDITIONS**

Land Use District	Business	Business/Residential	Business
Pedestrian Use	Moderate	Moderate	Numerous
Percent Sidewalks	100%	60%	100%
Bike Lane or Bike Route	Yes	Yes	No
Driveways Present	Numerous	Several	Several

**ROADWAY GEOMETRY**

Roadway Segment Length, Ft	1,695	1,233	1,522
Number of Thru Lanes	2	2	2
Width, Ft	42	36	50
Median Type	Dble Yellow/Ctr Turn Lane	Double Yellow Stripe	Dble Yellow/Ctr Turn Lane
Horizontal Alignment	Straight	Gradual Curves	Straight
Vertical Alignment	On Grade	Vertical Curves	Flat

**TRAFFIC CONDITIONS**

Average Daily Traffic (ADT)	3,791	3,883	3,506
Collisions in the Last 2 Years	3	3	12
Collision Rate	1.08 Coll/MV	1.06 Coll/MV	4.69 Coll/MV
City-Wide Average Rate	1.64 Coll/MV	1.64 Coll/MV	1.64 Coll/MV
10 mph Pace Range , mph	25-35	24-34	25-35
Vehicles Within Pace, %	78%	83%	82%
Median Speed (50%) , mph	31	28	29
Existing Posted Speed, mph	30	30	30
Prevailing Speed (85%) , mph	35	33	34
Nearest 5-mph Increment, mph	35	35	35

**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
Safety of Pedestrians	-	Yes	-
Safety of Cyclists	Yes	-	-
Residential Density	Yes	-	Yes
5-mph Reduction Recommended	Yes	No	No

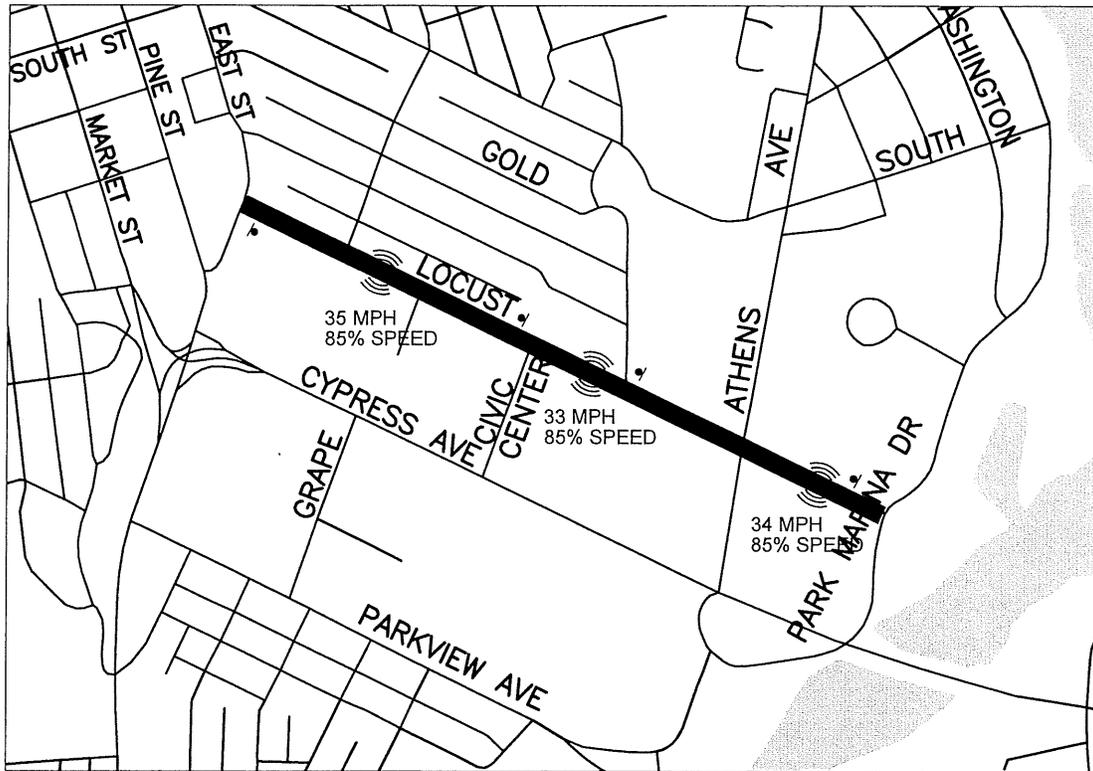
**ROUNDING DOWN OPTION**  
per CVC 21400 (b)

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	No	Yes	Yes
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**RECOMMENDATION**

<b>POST SPEED LIMIT</b>	<b>30 mph</b>	<b>30 mph</b>	<b>30 mph</b>
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### LEGEND

- ◆ SPEED LIMIT SIGN
- (( )) RADAR LOCATION
- █ 30 MPH SPEED ZONE

CITY OF REDDING PUBLIC WORKS DEPARTMENT

# LOCUST STREET

## ENGINEERING & TRAFFIC SURVEY

East Street to Park Marina Dr

