




**CITY OF REDDING
CERTIFIED EXTENSION
OF
ENGINEERING AND TRAFFIC SURVEY
FOR
WEST STREET**

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 (ETS) was initiated to verify or modify speed zones on West Street.

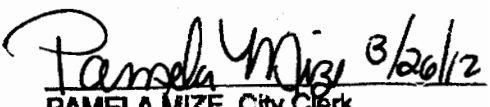
Based on the results of this ETS (attached) and adoption of Ordinance Number 2465 by the City Council of the City of Redding, amending Redding Municipal Code Section 11.12.010, a speed zone on West Street of 30 MPH from Eureka Way to the north end of West Street is established.

This ETS was reviewed by a Registered Engineer and no significant changes in roadway or traffic conditions have occurred, including, but not limited to, changes in adjoining property or land use, roadway width, or traffic volume since the original study date of preparation and is found to be in compliance with CVC 40802, valid until March 31, 2014.


3/26/2012

Brian Crane, P. E.
Director of Public Works

ATTEST:


3/26/12

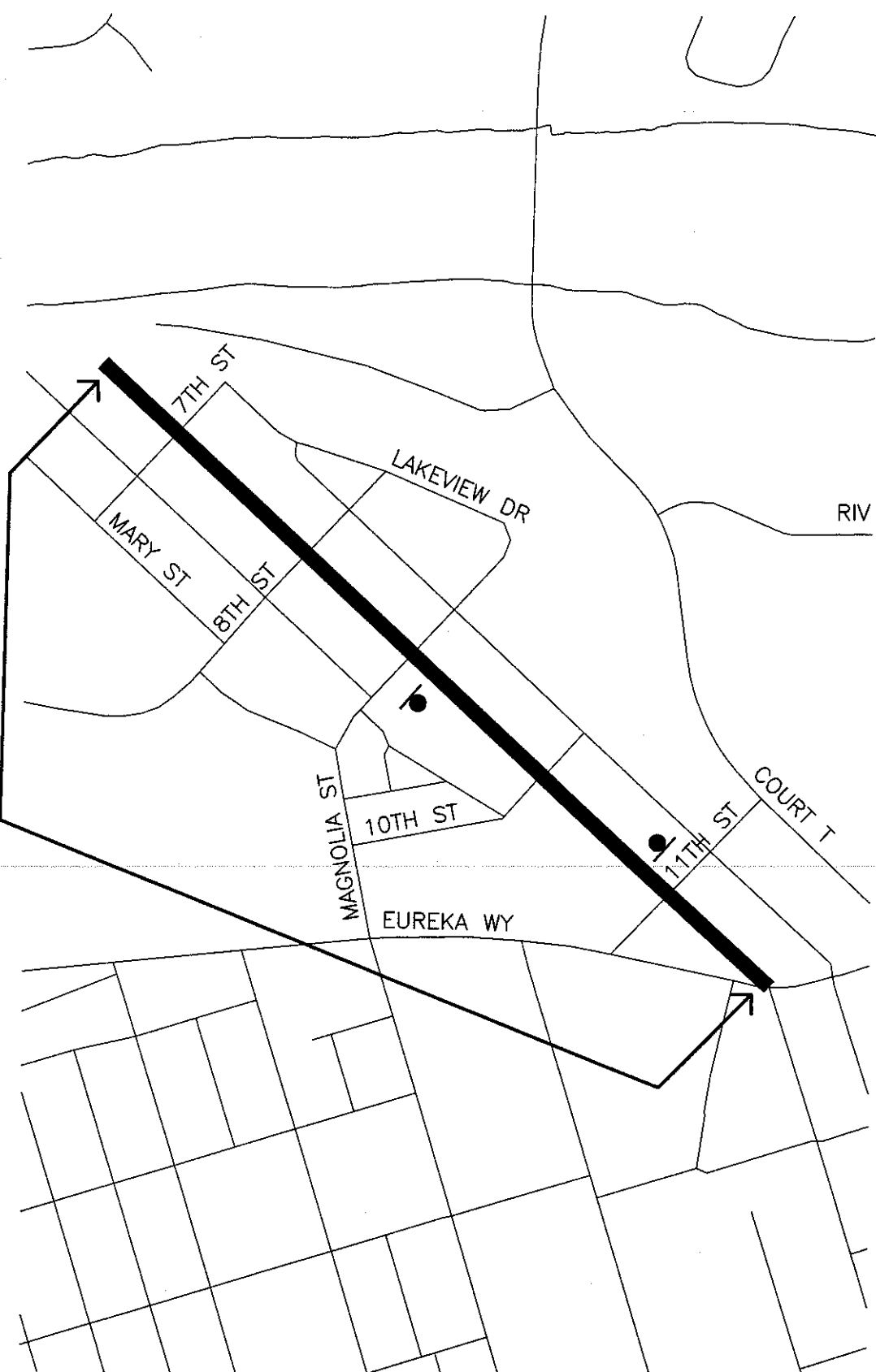
PAMELA MIZE, City Clerk

**WEST ST
MARCH 2004
CONDITION SUMMARY**

LOCATION	FROM EUREKA TO NORTH END	
NO. OF LANES	2	
ROADWAY WIDTH	VARIES	
LENGTH	2900'	
ALIGNMENT HORIZONTAL	STRAIGHT	
VERTICAL	FLAT	
DISTRICT	RESIDENTIAL	
ADT	4,570	
PEDESTRIANS	FEW	
SIDEWALKS	10%	
DRIVEWAYS	NUMEROUS	
SPEED RELATED ACCIDENTS	NOT SIGNIFICANT	
EXISTING SPEED ZONE	25 MPH	
BALL BANK SPEED	N/A	
85TH% SPEED	35 MPH	
SURVEY CONCLUSION		
REASONABLE SPEED	30 MPH	
ACTION		
CITY COUNCIL APPROVED	CITY ORDINANCE 2011	
SIGNS POSTED	10/04	

**ADDITIONAL
COMMENTS:**

30 MPH
SPEED
ZONE



LEGEND

● SPEED LIMIT SIGN

CITY OF REDDING MUNICIPAL UTILITIES TRAFFIC OPERATIONS



WEST ST SPEED STUDY
EUREKA WAY TO NORTH END



WEST ST N/ ELEVENTH ST

Day Monday

Observer: Lori Lackey

Calcs: Frank Hogue

Posted Speed: 25 MPH

Date: 2/9/04

Weather: Sunny & Dry

Time: 10:15 - 11:00

Critical Speed :	<u>34</u>	<u>mph</u>
Average Speed :	<u>29.3</u>	<u>mph</u>
Median Speed :	<u>30</u>	<u>mph</u>
Standard Deviation:	<u>3.8</u>	<u>mph</u>
Pace Range :	<u>30 - 40</u>	<u>mph</u>
Percent in Pace :	<u>52.1%</u>	
Total # Vehicles :	<u>48</u>	

Critical Speed :	<u>36</u>	<u>mph</u>
Average Speed :	<u>30.8</u>	<u>mph</u>
Median Speed :	<u>0</u>	<u>mph</u>
Standard Deviation:	<u>4.2</u>	<u>mph</u>
Pace Range :	<u>30 - 40</u>	<u>mph</u>
Percent in Pace :	<u>63.5%</u>	
Total # Vehicles :	<u>52</u>	

MPH	# of Veh.	Northbound	%
85			100.0%
84			100.0%
83			100.0%
82			100.0%
81			100.0%
80			100.0%
79			100.0%
78			100.0%
77			100.0%
76			100.0%
75			100.0%
74			100.0%
73			100.0%
72			100.0%
71			100.0%
70			100.0%
69			100.0%
68			100.0%
67			100.0%
66			100.0%
65			100.0%
64			100.0%
63			100.0%
62			100.0%
61			100.0%
60			100.0%
59			100.0%
58			100.0%
57			100.0%
56			100.0%
55			100.0%
54			100.0%
53			100.0%
52			100.0%
51			100.0%
50			100.0%
49			100.0%
48			100.0%
47			100.0%
46			100.0%
45			100.0%
44			100.0%
43			100.0%
42			100.0%
41			100.0%
40			100.0%
39			100.0%
38			100.0%
37			100.0%
36	3	◆◆◆	100.0%
35			93.8%
34	6	◆◆◆◆◆◆	81.3%
33	6	◆◆◆◆◆◆	81.3%
32	6	◆◆◆◆◆◆	68.8%
31	10	◆◆◆◆◆◆◆◆	68.8%
30	10	◆◆◆◆◆◆◆◆	68.8%
29	11	◆◆◆◆◆◆◆◆◆	47.9%
28	11	◆◆◆◆◆◆◆◆◆	25.0%
27	6	◆◆◆◆◆◆	25.0%
26	6	◆◆◆◆◆◆	12.5%
25	3	◆◆◆	12.5%
24	3	◆◆◆	6.3%
23	2	◆◆	6.3%
22	2	◆◆	2.1%
21	1	◆	2.1%
20	1	◆	2.1%

MPH	No of Veh.	Southbound	%
85			100.0%
84			100.0%
83			100.0%
82			100.0%
81			100.0%
80			100.0%
79			100.0%
78			100.0%
77			100.0%
76			100.0%
75			100.0%
74			100.0%
73			100.0%
72			100.0%
71			100.0%
70			100.0%
69			100.0%
68			100.0%
67			100.0%
66			100.0%
65			100.0%
64			100.0%
63			100.0%
62			100.0%
61			100.0%
60			100.0%
59			100.0%
58			100.0%
57			100.0%
56			100.0%
55			100.0%
54			100.0%
53			100.0%
52			100.0%
51			100.0%
50			100.0%
49			100.0%
48			100.0%
47			100.0%
46			100.0%
45			100.0%
44			100.0%
43			100.0%
42	1	◆	100.0%
41			98.1%
40	1	◆	96.2%
39			96.2%
38	1	◆	94.2%
37			94.2%
36	5	◆◆◆◆◆	84.6%
35			84.6%
34	6	◆◆◆◆◆◆	73.1%
33			73.1%
32	12	◆◆◆◆◆◆◆◆◆◆	50.0%
31			50.0%
30	9	◆◆◆◆◆◆◆◆	50.0%
29			32.7%
28	5	◆◆◆◆◆	32.7%
27			23.1%
26	7	◆◆◆◆◆◆◆	23.1%
25			9.6%
24	5	◆◆◆◆◆	9.6%
23			0.0%
22			0.0%
21			0.0%
20			0.0%

