




**CITY OF REDDING
ENGINEERING AND TRAFFIC SURVEY
OF
REDWOOD BOULEVARD**

FEBRUARY 28, 2007

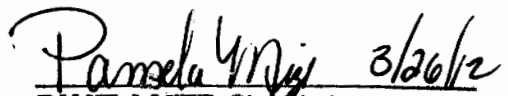
For the determination of safe and reasonable speed zoning as required by Sections 22358 and 40802 of the California Vehicle Code (CVC), as defined by Section 627 of the CVC and in accordance with Section 2B. 13 of the California Manual on Uniform Traffic Control Devices, this Engineering and Traffic Survey (ETS) was initiated to verify or modify speed zones on Redwood Boulevard.

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 Redwood Boulevard of 30 MPH from Northpoint Drive to Caterpillar Road is established.

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.


Brian Crane, P. E.
Director of Public Works

ATTEST:

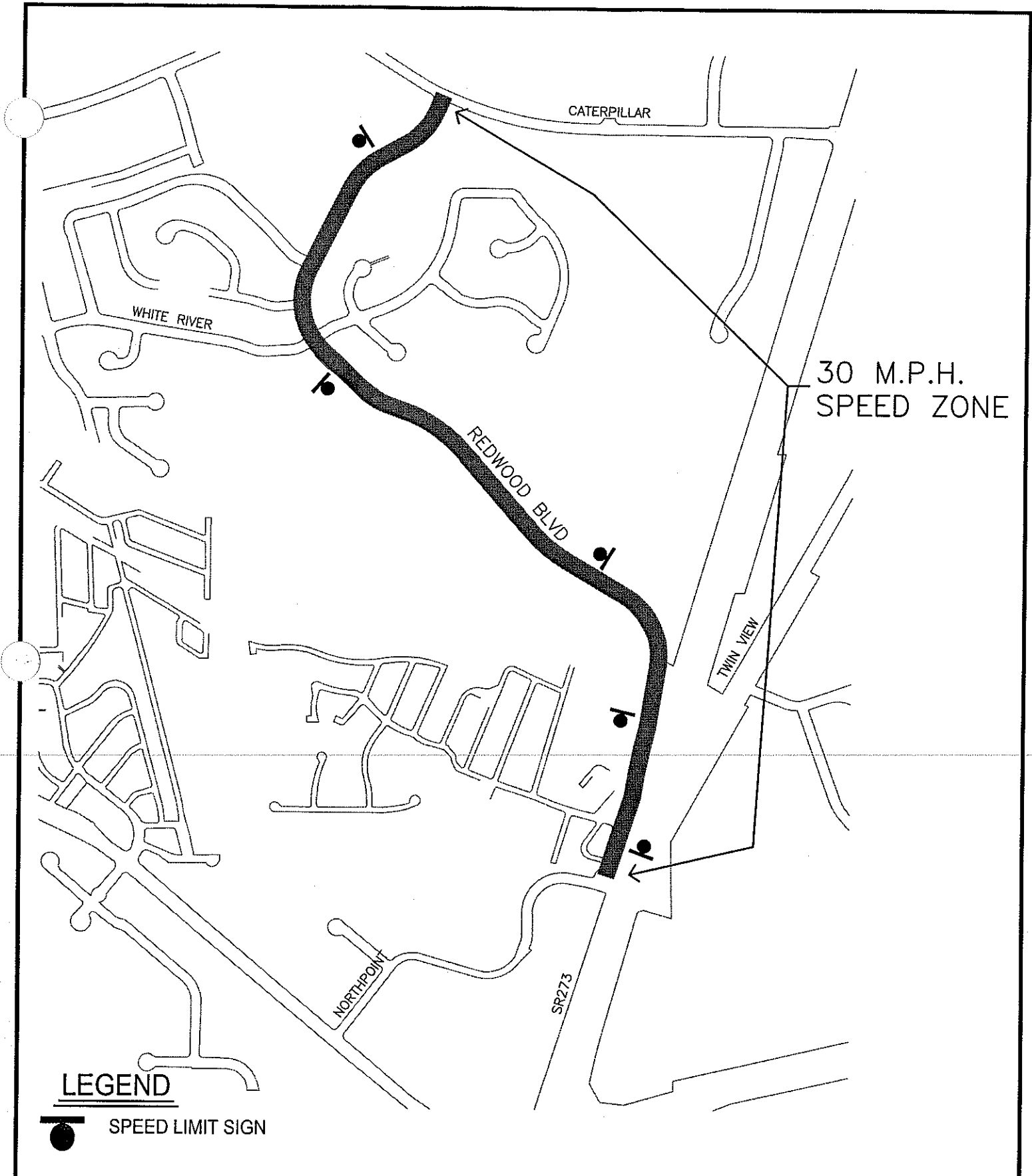

PAMELA MIZE, City Clerk

**REDWOOD BLVD
FEBRUARY 2007
CONDITION SUMMARY**

FROM LOCATION TO	CATERPILLAR NORTHPOINT		
NO. OF LANES	2		
WIDTH, FT. ROADWAY	40		
LENGTH, FT.	6000		
HORIZONTAL ALIGNMENT	GENTLE CURVES		
VERTICAL	ROLLING		
DISTRICT	RESIDENTIAL		
ADT	4,225		
PEDESTRIANS	YES		
SIDEWALKS	40%		
BIKE LANE/ROUTE	NO		
DRIVEWAYS	NUMEROUS		
SPEED RELATED COLLISIONS	1 IN 2 YRS. NOT SIGNIFICANT		
EXISTING SPEED ZONING, MPH	30		
10 MPH PACE RANGE	28 - 38		
85TH% SPEED	37		
SURVEY CONCLUSION			
REASONABLE SPEED, MPH	*30		
ACTION			
PUBLIC WORKS APPROVED	RMC 11.08.010		
SPEED POSTED	30 9/22/87		

ADDITIONAL
COMMENTS:

* A reduction in speed to match existing conditions with the traffic safety needs of the area



30 M.P.H.
SPEED ZONE

LEGEND

 SPEED LIMIT SIGN

CITY OF REDDING TRANSPORTATION & ENGINEERING DIVISION FEBRUARY 2007

REDWOOD BLVD SPEED ZONE
CATERPILLAR RD TO NORTHPOINT DR



CITY OF REDDING SPEED SURVEY CALCULATION

REDWOOD BLVD BLVD E/ WHITE RIVER DR

Day: Wednesday
 Posted Speed: 30
 Date: 6/7/06
 Weather: Sunny & Dry
 Time: 09:15 - 10:05

Observer: Lori Lackey
 Calcs: Frank Hogue

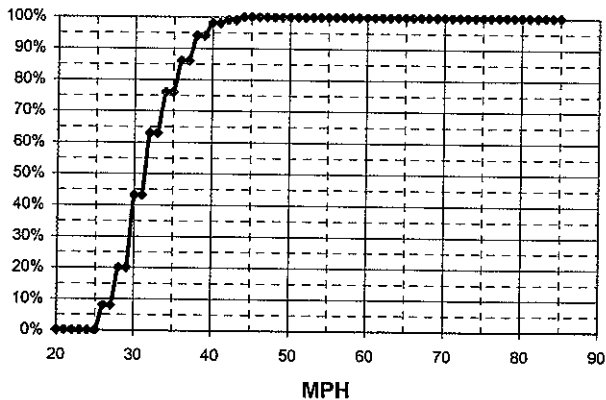
Critical Speed :	36	mph
Average Speed :	32.3	mph
Median Speed :	32	mph
Standard Deviation:	4.0	mph
Pace Range :	28 - 38	mph
Percent in Pace :	78.0%	
Total # Vehicles :	100	

Critical Speed :	#DIV/0!	mph
Average Speed :	#DIV/0!	mph
Median Speed :	#NAME?	mph
Standard Deviation:	#DIV/0!	mph
Pace Range :	#DIV/0!	mph
Percent in Pace :	#DIV/0!	
Total # Vehicles :	0	

MPH	# of Veh.	Both Directions	%
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%
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48			100.0%
47			100.0%
46			100.0%
45			100.0%
44	1	◆	100.0%
43	1	◆	99.0%
42			99.0%
41			98.0%
40	4	◆◆◆◆	98.0%
39			94.0%
38	8	◆◆◆◆◆◆◆◆	94.0%
37			86.0%
36	10	◆◆◆◆◆◆◆◆◆◆	86.0%
35			76.0%
34	13	◆◆◆◆◆◆◆◆◆◆◆◆	76.0%
33			63.0%
32	20	◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆	63.0%
31			43.0%
30	23	◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆	43.0%
29			20.0%
28	12	◆◆◆◆◆◆◆◆◆◆◆◆	20.0%
27			8.0%
26	8	◆◆◆◆◆◆◆◆	8.0%
25			0.0%
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MPH	No of Veh.	%
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Cumulative Speeds



Cumulative Speeds

