



**CITY OF REDDING
ENGINEERING AND TRAFFIC SURVEY
OF
RANCHO ROAD**

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 Rancho Road.

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 Rancho Road of 45 MPH from Airport Road to Churn Creek 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.

Handwritten signature of Brian Crane in black ink, with the date 3/26/2012 written to the right of the signature.

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

ATTEST:

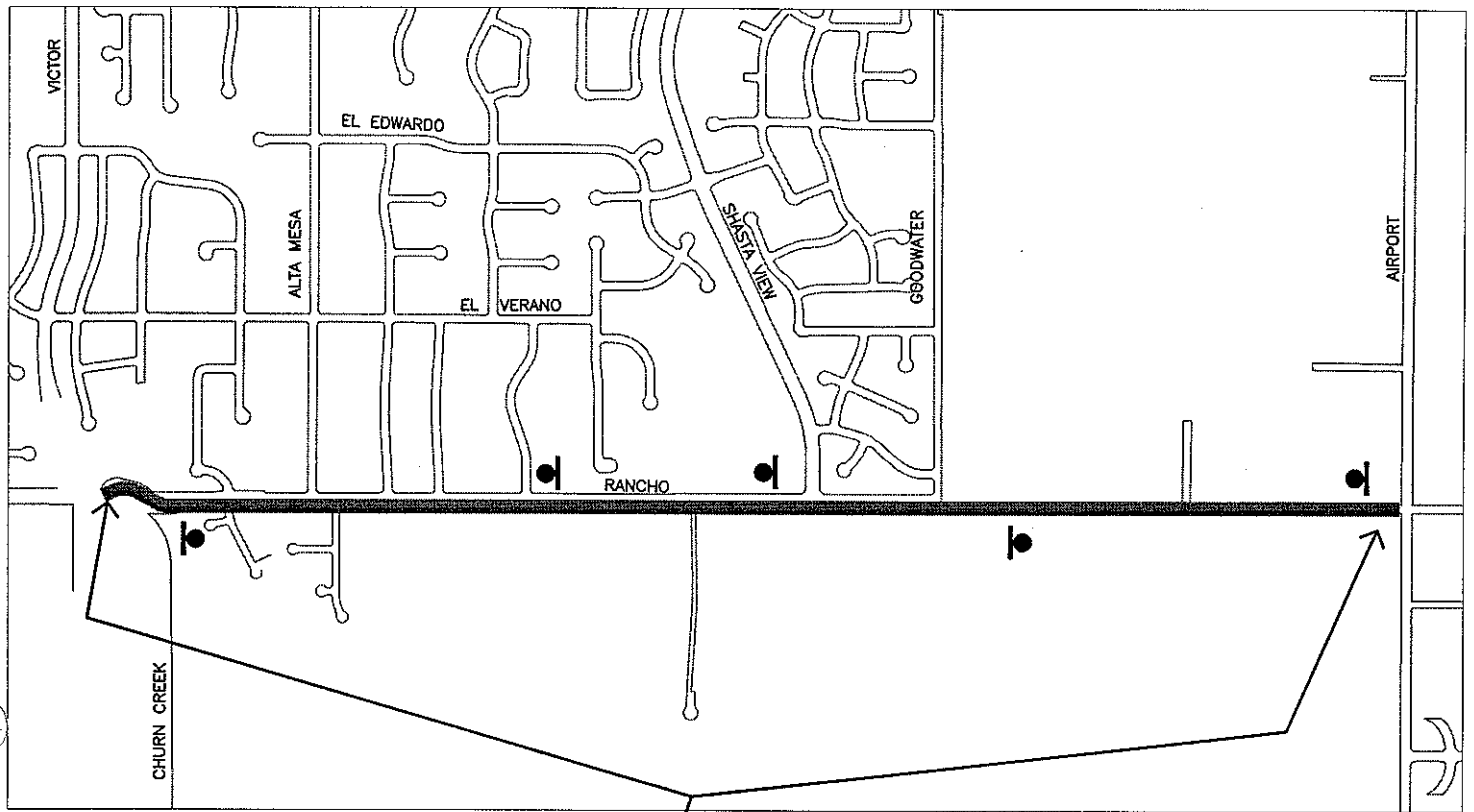
Handwritten signature of Pamela Mize in black ink, with the date 3/26/12 written to the right of the signature.

PAMELA MIZE, City Clerk

**RANCHO RD
FEBRUARY 2007
CONDITION SUMMARY**

FROM LOCATION TO	CHURN CREEK AIRPORT		
NO. OF LANES	2		
WIDTH, FT. ROADWAY	40		
LENGTH, FT.	1.73 MI.		
HORIZONTAL ALIGNMENT	STRAIGHT		
VERTICAL	FLAT		
DISTRICT	RESIDENTIAL		
ADT	4,904		
PEDESTRIANS	FEW		
SIDEWALKS	NONE		
BIKE LANE/ROUTE	BIKE ROUTE		
DRIVEWAYS	NUMEROUS		
SPEED RELATED COLLISIONS	5 IN 2 YRS. NOT SIGNIFICANT		
EXISTING SPEED ZONING, MPH	40		
10 MPH PACE RANGE	40 - 50		
85TH% SPEED	50		
SURVEY CONCLUSION			
REASONABLE SPEED, MPH	45		
ACTION			
PUBLIC WORKS APPROVED	RMC 11.08.010		
SPEED POSTED	45 10/18/07		

**ADDITIONAL
COMMENTS:**



45 M.P.H.
SPEED ZONE

LEGEND

 SPEED LIMIT SIGN

CITY OF REDDING TRANSPORTATION & ENGINEERING DIVISION FEBRUARY 2007



RANCHO RD SPEED ZONE
CHURN CREEK RD TO AIRPORT RD



RANCHO RD E/ ALTA MESA DR

Observer: Lori Lackey

Calcs: Frank Hogue

Critical Speed :	48	mph
Average Speed :	44.3	mph
Median Speed :	44	mph
Standard Deviation:	4.1	mph
Pace Range :	40 - 50	mph
Percent in Pace :	79.0%	
Total # Vehicles :	100	

Posted Speed: 40

Day: Thursday

Date: 7/27/06

Weather: Sunny & Dry

Time: 10:50 - 11:25

Critical Speed :	#DIV/0!	mph
Average Speed :	#DIV/0!	mph
Median Speed :	0	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%
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68			100.0%
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64			100.0%
63			100.0%
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59			100.0%
58			100.0%
57			100.0%
56	1	◆	100.0%
55			99.0%
54	3	◆◆◆	99.0%
53			96.0%
52	2	◆◆	96.0%
51			94.0%
50	6	◆◆◆◆◆◆	94.0%
49			88.0%
48	9	◆◆◆◆◆◆◆◆	88.0%
47			79.0%
46	20	◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆	79.0%
45			59.0%
44	20	◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆	59.0%
43			39.0%
42	16	◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆	39.0%
41			23.0%
40	14	◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆	23.0%
39			9.0%
38	8	◆◆◆◆◆◆◆◆	9.0%
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