



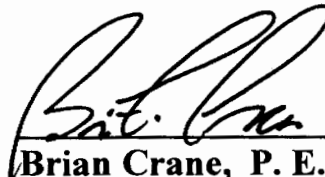
**CITY OF REDDING
ENGINEERING AND TRAFFIC SURVEY
OF
ALTA MESA DRIVE**

FEBRUARY 28, 2007

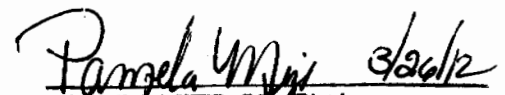
For the determination of safe and reasonable speed zoning as required by Sections 22358 and 40802 of the California Vehicle Code (CVC), as defined by Section 627 of the CVC and in accordance with Section 2B. 13 of the California Manual on Uniform Traffic Control Devices, this Engineering and Traffic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

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 Alta Mesa Drive of 30 MPH from Hartnell Avenue to Galaxy Way is established, and a speed zone of 35 MPH from Galaxy Way to Rancho 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.


3/26/2007
Brian Crane, P. E.
Director of Public Works

ATTEST:


3/26/07
PAMELA MIZE, City Clerk

**ALTA MESA DRIVE
FEBRUARY 2007
CONDITION SUMMARY**

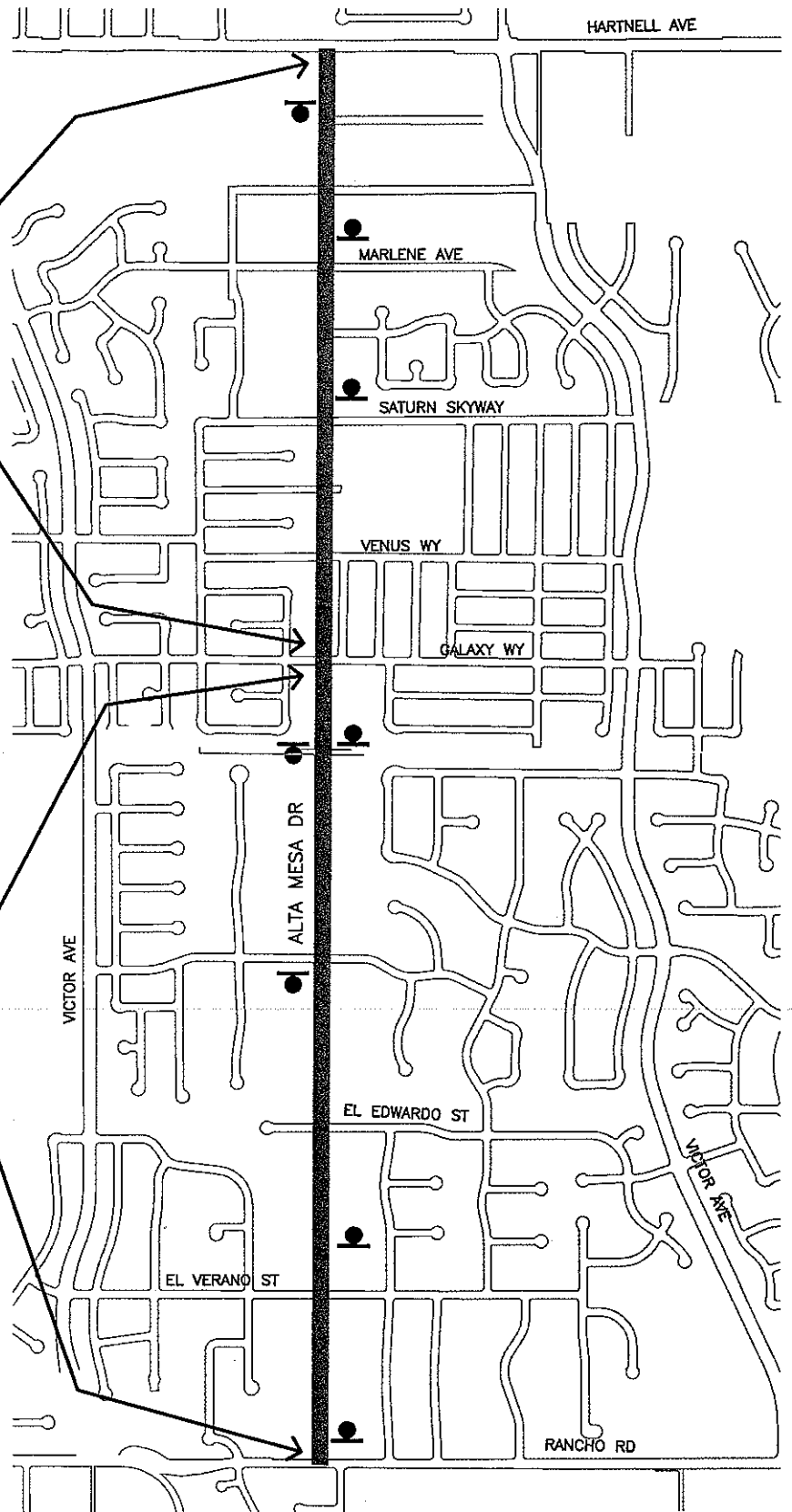
FROM LOCATION TO	HARTNELL GALAXY	GALAXY RANCHO	
NO. OF LANES	2	2	
WIDTH, FT. ROADWAY	40	40	
LENGTH, FT.	4600	1.3 MI	
HORIZONTAL ALIGNMENT	STRAIGHT	STRAIGHT	
VERTICAL	FLAT	FLAT	
DISTRICT	RESIDENTIAL	RESIDENTIAL	
ADT	3,114	2,055	
PEDESTRIANS	YES (SCHOOL)	YES (SCHOOL)	
SIDEWALKS	50%	NONE	
BIKE LANE/ROUTE	NO	NO	
DRIVEWAYS	NUMEROUS	NUMEROUS	
SPEED RELATED COLLISIONS	3 IN 2 YRS. NOT SIGNIFICANT	NONE	
EXISTING SPEED ZONING, MPH	30	35	
10 MPH PACE RANGE	30 - 40	30 - 40	
85TH% SPEED	38	40	
SURVEY CONCLUSION			
REASONABLE SPEED, MPH	*30	35	
ACTION			
PUBLIC WORKS APPROVED	RMC 11.08.010	RMC 11.08.010	
SPEED POSTED	30 3/17/81	35 3/17/81	

**ADDITIONAL
COMMENTS:**

* Reduced speed zone based on school area and having only 50% of sidewalks.

30 M.P.H.
SPEED ZONE

35 M.P.H.
SPEED ZONE



LEGEND

 SPEED LIMIT SIGN

CITY OF REDDING TRANSPORTATION & ENGINEERING DIVISION FEBRUARY 2007



ALTA MESA DR SPEED ZONES

HARTNELL AVE TO RANCHO RD



ALTA MESA DR S/ GALAXY WAY

Observer: Lori Lackey

Calcs: Frank Hogue

Critical Speed :	40	mph
Average Speed :	35.8	mph
Median Speed :	36	mph
Standard Deviation:	4.8	mph
Pace Range :	30 - 40	mph
Percent in Pace :	73.4%	
Total # Vehicles :	64	

Posted Speed: 35
Weather: Sunny & Dry

Day: Friday
Date: 6/16/06
Time: 09:45 - 10:45

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%
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	1	◆	100.0%
47	3	◆◆◆	98.4%
46	3	◆◆◆	98.4%
45			93.8%
44	2	◆◆	93.8%
43			90.6%
42	2	◆◆	90.6%
41			87.5%
40	7	◆◆◆◆◆◆◆	87.5%
39			76.6%
38	6	◆◆◆◆◆◆	76.6%
37			67.2%
36	16	◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆	67.2%
35			42.2%
34	8	◆◆◆◆◆◆◆◆	42.2%
33			29.7%
32	6	◆◆◆◆◆◆	29.7%
31			20.3%
30	11	◆◆◆◆◆◆◆◆◆◆◆◆	20.3%
29			3.1%
28	1	◆	3.1%
27			1.6%
26	1	◆	1.6%
25			0.0%
24			0.0%
23			0.0%
22			0.0%
21			0.0%
20			0.0%

MPH	No of Veh.		%
85			#DIV/0!
84			#DIV/0!
83			#DIV/0!
82			#DIV/0!
81			#DIV/0!
80			#DIV/0!
79			#DIV/0!
78			#DIV/0!
77			#DIV/0!
76			#DIV/0!
75			#DIV/0!
74			#DIV/0!
73			#DIV/0!
72			#DIV/0!
71			#DIV/0!
70			#DIV/0!
69			#DIV/0!
68			#DIV/0!
67			#DIV/0!
66			#DIV/0!
65			#DIV/0!
64			#DIV/0!
63			#DIV/0!
62			#DIV/0!
61			#DIV/0!
60			#DIV/0!
59			#DIV/0!
58			#DIV/0!
57			#DIV/0!
56			#DIV/0!
55			#DIV/0!
54			#DIV/0!
53			#DIV/0!
52			#DIV/0!
51			#DIV/0!
50			#DIV/0!
49			#DIV/0!
48			#DIV/0!
47			#DIV/0!
46			#DIV/0!
45			#DIV/0!
44			#DIV/0!
43			#DIV/0!
42			#DIV/0!
41			#DIV/0!
40			#DIV/0!
39			#DIV/0!
38			#DIV/0!
37			#DIV/0!
36			#DIV/0!
35			#DIV/0!
34			#DIV/0!
33			#DIV/0!
32			#DIV/0!
31			#DIV/0!
30			#DIV/0!
29			#DIV/0!
28			#DIV/0!
27			#DIV/0!
26			#DIV/0!
25			#DIV/0!
24			#DIV/0!
23			#DIV/0!
22			#DIV/0!
21			#DIV/0!
20			#DIV/0!

