




**CITY OF REDDING
ENGINEERING AND TRAFFIC SURVEY
OF
PARK MARINA DRIVE**

FEBRUARY 28, 2007

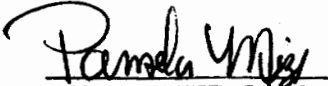
For the determination of safe and reasonable speed zoning as required by Sections 22358 and 40802 of the California Vehicle Code (CVC), as defined by Section 627 of the CVC and in accordance with Section 2B. 13 of the California Manual on Uniform Traffic Control Devices, this Engineering and Traffic Survey (ETS) was initiated to verify or modify speed zones on Park Marina 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 Park Marina Drive of 35 MPH from Auditorium Drive to Parkview Avenue 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.


3/26/2012
Brian Crane, P. E.
Director of Public Works

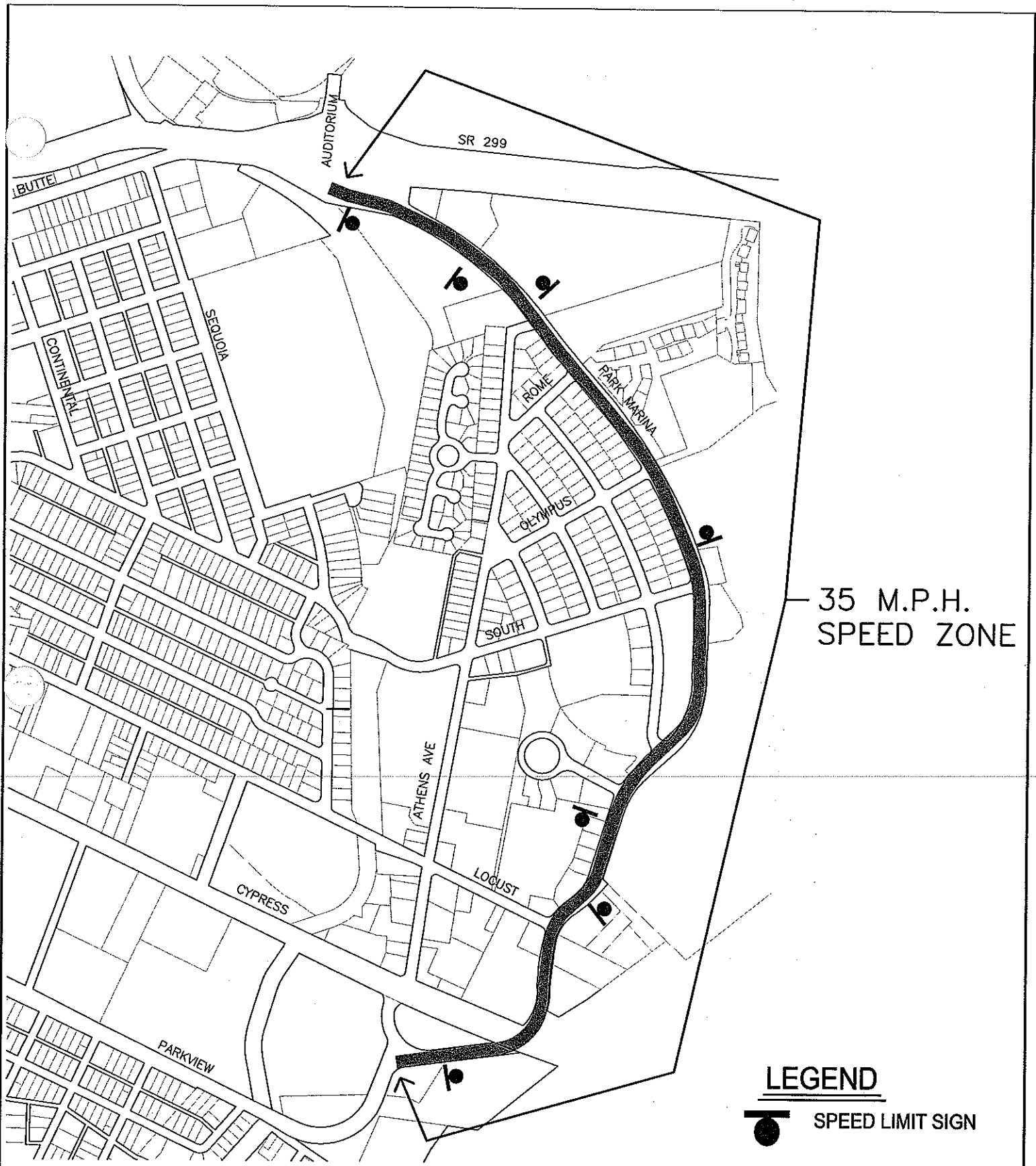
ATTEST:


3/26/12
PAMELA MIZE, City Clerk

**PARK MARINA DR
FEBRUARY 2007
CONDITION SUMMARY**

FROM LOCATION TO	AUDITORIUM LOCUST	LOCUST PARKVIEW	
NO. OF LANES	2	2	
WIDTH, FT. ROADWAY	64	64	
LENGTH, FT.	5700	11400	
HORIZONTAL ALIGNMENT	CURVE	CURVES	
VERTICAL	FLAT	FLAT	
DISTRICT	BUS / RES	BUS / RES	
ADT	12,126	6,116	
PEDESTRIANS	FEW	FEW	
SIDEWALKS	50%	75%	
BIKE LANE/ROUTE	BIKE LANE	BIKE LANE	
DRIVEWAYS	NUMEROUS	FEW	
SPEED RELATED COLLISIONS	5 IN 2 YRS NOT SIGNIFICANT	3 IN 2 YRS NOT SIGNIFICANT	
EXISTING SPEED ZONING, MPH	35	35	
10 MPH PACE RANGE	34 - 44	30 - 40	
85TH% SPEED	40	38	
SURVEY CONCLUSION			
REASONABLE SPEED, MPH	35	35	
ACTION			
PUBLIC WORKS APPROVED	RMC 11.08.010	RMC 11.08.010	
SPEED POSTED	35 5/18/77	35 5/18/77	

ADDITIONAL
COMMENTS:



35 M.P.H.
SPEED ZONE

LEGEND

 SPEED LIMIT SIGN

CITY OF REDDING TRANSPORTATION & ENGINEERING DIVISION FEBRUARY 2007



PARK MARINA DR
AUDITORIUM DR TO PARKVIEW AVE



PARK MARNIA DR S/ PARK MARINA CIR

Observer: Lori Lackey

Calcs: Frank Hogue

Posted Speed: 35
Weather: Sunny & Dry

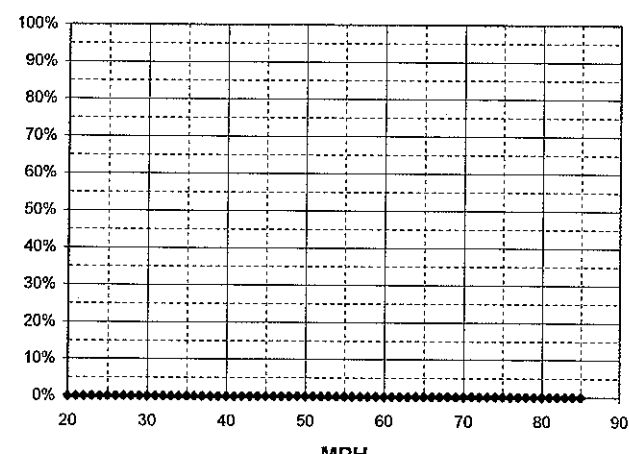
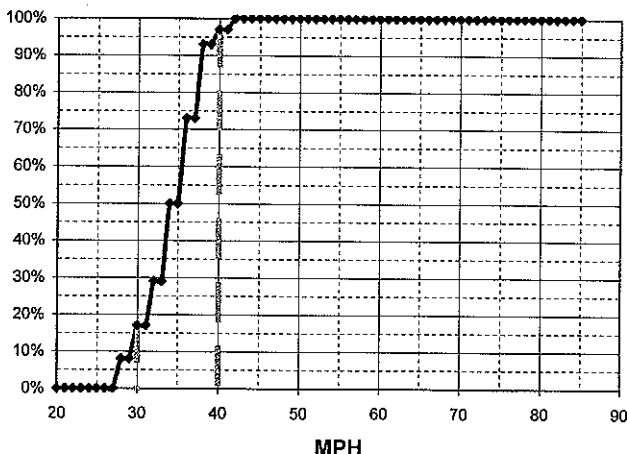
Day: Thursday
Date: 7/6/06
Time: 08:45 - 09:17

Critical Speed :	38	mph
Average Speed :	34.7	mph
Median Speed :	0	mph
Standard Deviation:	3.4	mph
Pace Range :	30 - 40	mph
Percent in Pace :	85.0%	
Total # Vehicles :	100	

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%
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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	3	◆◆◆	100.0%
41			97.0%
40	4	◆◆◆◆	97.0%
39			93.0%
38	20	◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆	93.0%
37			73.0%
36	23	◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆	73.0%
35			50.0%
34	21	◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆◆	50.0%
33			29.0%
32	12	◆◆◆◆◆◆◆◆◆◆◆◆	29.0%
31			17.0%
30	9	◆◆◆◆◆◆◆◆◆◆	17.0%
29			8.0%
28	8	◆◆◆◆◆◆◆◆◆◆	8.0%
27			0.0%
26			0.0%
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!
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PARK MARNIA DR N/ ATHENS AVE

Observer: Lori Lackey

Calcs: Frank Hogue

Critical Speed :	40	mph
Average Speed :	36.5	mph
Median Speed :	36	mph
Standard Deviation:	3.6	mph
Pace Range :	34 - 44	mph
Percent in Pace :	83.0%	
Total # Vehicles :	100	

Posted Speed: 35
Weather: Sunny & Dry

Day: Thursday
Date: 7/6/06
Time: 09:30 - 10:00

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%
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76			100.0%
75			100.0%
74			100.0%
73			100.0%
72			100.0%
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69			100.0%
68			100.0%
67			100.0%
66			100.0%
65			100.0%
64			100.0%
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62			100.0%
61			100.0%
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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	2	♦♦	100.0%
45			98.0%
44	1	♦	98.0%
43			97.0%
42	6	♦♦♦♦♦♦	97.0%
41			91.0%
40	14	♦♦♦♦♦♦♦♦♦♦♦♦	91.0%
39			77.0%
38	21	♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦	77.0%
37			56.0%
36	22	♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦	56.0%
35			34.0%
34	20	♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦♦	34.0%
33			14.0%
32	6	♦♦♦♦♦♦	14.0%
31			8.0%
30	6	♦♦♦♦♦♦	8.0%
29			2.0%
28	2	♦♦	2.0%
27			0.0%
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