

## MOWRY AVENUE

Survey No. 100-102

Mowry Avenue is an east-west roadway, approximately 2.8 miles in length. The roadway alignment is predominantly straight and flat. For the purpose of this Engineering and Traffic Survey, Mowry Avenue was divided into the following study segments:

- Peralta Boulevard to Paseo Padre Parkway
- Paseo Padre Parkway to Argonaut Way
- Argonaut Way to I-880

Between Peralta Boulevard and Paseo Padre Parkway, Mowry Avenue generally maintains six through lanes. The posted speed limit is 40 mph. The average daily traffic volume is approximately 31,200 vpd. One approach-turn, nine rear-end, four auto-pedestrian, one auto-bicycle, and five type other midblock accidents were reported to occur within this study segment between January 1, 1999 and December 31, 2000. A spot speed survey conducted on October 5, 2001, measured the 85th percentile speed to be 45 mph. Due to the high number of accidents and high pedestrian activity, it is recommended that the posted speed limit of 40 mph be retained.

Between Paseo Padre Parkway and Argonaut Way, Mowry Avenue generally maintains six through lanes. The posted speed limit is 40 mph. The average daily traffic volume is approximately 38,100 vpd. One right-angle, four approach-turn, twenty-five rear-end, two bicycle-auto, two auto-pedestrian, and thirteen type other midblock accidents were reported to occur between January 1, 1999 and December 31, 2000. A spot speed survey conducted on October 5, 2001, measured the 85th percentile speed to be 44 mph. The speed limit of a roadway should normally be established at the first five mile per hour increment at or below the 85th percentile speed. Based upon the results of the spot speed survey it is recommended that the posted speed limit of 40 mph be retained.

Between Argonaut Way to I-880, Mowry Avenue maintains six through lanes. The posted speed limit is 40 mph. The average daily traffic volume is approximately 56,600 vpd. Three right-angle, four approach-turn, forty-eight rear-end, two bicycle-auto and twelve type other midblock accidents were reported to occur between January 1, 1999 and December 31, 2000. A spot speed survey conducted on October 5, 2001, measured the 85th percentile speed to be 47 mph. Due to the high number of rear-end accidents, it is recommended that the posted speed limit of 40 mph be retained.

**SUMMARY - MOWRY AVENUE**

<i>Location</i>	<i>Posted Speed Limit</i>	<i>85th Percentile Speed</i>	<i>Recommended Speed Limit</i>
<i>Peralta to Paseo Padre</i>	<i>40 mph</i>	<i>45 mph</i>	<i>40 mph</i>
<i>Paseo Padre to Argonaut</i>	<i>40 mph</i>	<i>44 mph</i>	<i>40 mph</i>
<i>Argonaut to I-880</i>	<i>40 mph</i>	<i>47 mph</i>	<i>40 mph</i>

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Bather Belrose Boje, Inc. SPEEDPLOT Program

STREET..... 0 Blk. MOWRY AVENUE  
LIMITS..... ARGONAUT WAY to INTERSTATE 880

DIRECTION(S).....TOTAL  
DATE.....10/05/01  
TIME.....10:45 TO 11:30  
POSTED SPEED LIMIT....40

50TH PERCENTILE SPEED.....42  
85TH PERCENTILE SPEED.....47  
10 MPH PACE SPEED.....38 through 47  
PERCENT IN PACE SPEED..... 72.8  
PERCENT OVER PACE SPEED..... 9.7  
PERCENT UNDER PACE SPEED.....17.5  
RANGE OF SPEEDS.....27 to 59  
VEHICLES OBSERVED..... 103  
AVERAGE SPEED.....42.0

SPEED NO.	PCT.	CUM. PCT.	
27	1	1.0	1.0
28	0	0.0	1.0
29	0	0.0	1.0
30	0	0.0	1.0
31	0	0.0	1.0
32	4	3.9	4.9 C
33	3	2.9	7.8 U
34	1	1.0	8.7 M
35	2	1.9	10.7
36	4	3.9	14.6 P
37	3	2.9	17.5 E
38	4	3.9	21.4 R
39	4	3.9	25.2 C
40	10	9.7	35.0 E
41	7	6.8	41.7 N
42	9	8.7	50.5 T
43	10	9.7	60.2 S
44	8	7.8	68.0
45	7	6.8	74.8
46	10	9.7	84.5
47	6	5.8	90.3
48	3	2.9	93.2
49	1	1.0	94.2
50	2	1.9	96.1
51	2	1.9	98.1
52	1	1.0	99.0
53	0	0.0	99.0
54	0	0.0	99.0
55	0	0.0	99.0
56	0	0.0	99.0
57	0	0.0	99.0
58	0	0.0	99.0 P
59	1	1.0	100.0 E

