

City of Sacramento
Engineering and Traffic Survey

Speed Zone: ARDEN WAY between RT 80 and ETHAN WAY
 Survey Location: BETWEEN HERITAGE LANE & CHALLENGE WAY (E/B ONLY) Average Daily Traffic (ADT): 50,493
 Survey Date: 8/10/2010 Start Time: 10:35 End Time: 11:05 Date of ADT: 6/24/2004
 Expiration Date: 8/10/2017 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 40 85th % Speed (mph): 43.3 Avg. Speed (mph): 40.1 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	0	0.00%	0.00%
23	0	0.00%	0.00%
24	0	0.00%	0.00%
25	0	0.00%	0.00%
26	0	0.00%	0.00%
27	0	0.00%	0.00%
28	0	0.00%	0.00%
29	0	0.00%	0.00%
30	0	0.00%	0.00%
31	3	2.56%	2.56%
32	2	1.71%	4.27%
33	3	2.56%	6.84%
34	2	1.71%	8.55%
35	5	4.27%	12.82%
36	4	3.42%	16.24%
37	7	5.98%	22.22%
38	11	9.40%	31.62%
39	14	11.97%	43.59%
40	12	10.26%	53.85%
41	10	8.55%	62.39%
42	11	9.40%	71.79%
43	13	11.11%	82.91%
44	9	7.69%	90.60%
45	7	5.98%	96.58%
46	2	1.71%	98.29%
47	0	0.00%	98.29%
48	0	0.00%	98.29%
49	0	0.00%	98.29%
50	0	0.00%	98.29%
51	0	0.00%	98.29%
52	0	0.00%	98.29%
53	0	0.00%	98.29%
54	0	0.00%	98.29%
55	1	0.85%	99.15%
56	1	0.85%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	117	100.00%	

LAND USE AND ROADWAY CONDITIONS

Notes:

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: No Parking

Notes:

Roadway Geometry:

Segment Length (ft): 5,100 Width (ft): 123
 No. of Lanes: 4 E/B (1-WAY) Bikeways: None
 Alignment: Straightaway Visibility: Fair
 Median and/or Center Line Treatment: Raised Median

Notes:

Traffic Controls:
 (Location of Signals, Stop Signs, and Roundabouts)
SIGNALS @: I-80 E/B ON-RAMP, POINT WEST WY, HERITAGE LN, CHALLENGE WY, ETHAN WY.

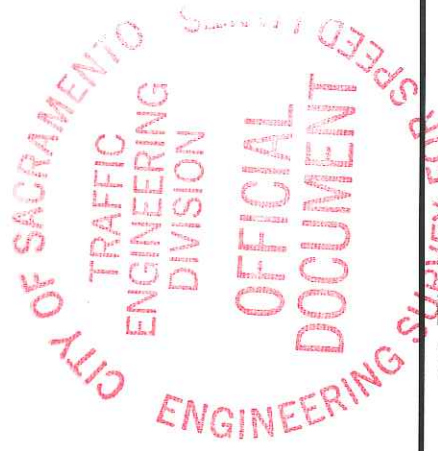
Traffic Calming:
 (Location of Traffic Calming Devices)

Year	Collision History	
	Total No. of Collisions	Collisions due to Speeding
2008	37	11
2009	32	9

Signature: Tara Barretto Certifying Engineer

Justification of Recommended Speed Limit:

The E&TS indicated that the average 85th percentile speed is 44.1 mph (see page no. 88). The County segment east of this speed zone is currently posted at 35 mph while the segment to the west is currently posted at 40 mph. Therefore, considering the posted speed limits on adjacent zone, and to ensure the gradual transition between adjacent speed zones, the City Council, on the recommendation of the City Traffic Engineer, approved to re-establish this speed zone at 40 mph.



City of Sacramento
Engineering and Traffic Survey

Speed Zone: ARDEN WAY between RT 80 and ETHAN WAY
 Survey Location: BETWEEN HERITAGE LANE & CHALLENGE WAY (W/B ONLY) Average Daily Traffic (ADT): 50,493
 Survey Date: 8/11/2010 Start Time: 9:10 End Time: 9:40 Date of ADT: 6/24/2004
 Expiration Date: 8/11/2017 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 40 85th % Speed (mph): 44.9 Avg. Speed (mph): 39.6 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	0	0.00%	0.00%
23	0	0.00%	0.00%
24	0	0.00%	0.00%
25	0	0.00%	0.00%
26	0	0.00%	0.00%
27	0	0.00%	0.00%
28	0	0.00%	0.00%
29	1	0.98%	0.98%
30	4	3.92%	4.90%
31	0	0.00%	4.90%
32	3	2.94%	7.84%
33	3	2.94%	10.78%
34	5	4.90%	15.69%
35	7	6.86%	22.55%
36	7	6.86%	29.41%
37	7	6.86%	36.27%
38	10	9.80%	46.08%
39	3	2.94%	49.02%
40	7	6.86%	55.88%
41	9	8.82%	64.71%
42	5	4.90%	69.61%
43	3	2.94%	72.55%
44	3	2.94%	75.49%
45	11	10.78%	86.27%
46	9	8.82%	95.10%
47	2	1.96%	97.06%
48	2	1.96%	99.02%
49	1	0.98%	100.00%
50	0	0.00%	100.00%
51	0	0.00%	100.00%
52	0	0.00%	100.00%
53	0	0.00%	100.00%
54	0	0.00%	100.00%
55	0	0.00%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	102	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: No Parking

Notes:

Roadway Geometry:

Segment Length (ft): 5,100 Width (ft): 123
 No. of Lanes: 4 W/B (1-WAY) Bikeways: None
 Alignment: Straightaway Visibility: Fair
 Median and/or Center Line Treatment: Raised Median

Notes:

Traffic Controls:
 (Location of Signals, Stop Signs, and Roundabouts)
SIGNALS @: I-80 E/B ON RAMP, POINT WEST WAY, HERITAGE LN, CHALLENGE WAY, ETHAN WAY.

Traffic Calming:
 (Location of Traffic Calming Devices)

Collision History		
Year	Total No. of Collisions	Collisions due to Speeding
2008	37	11
2009	32	9

Signature: [Signature] Certifying Engineer

Justification of Recommended Speed Limit:

The E&TS indicated that the average 85th percentile speed is 44.1 mph (see page no. 87). The County segment east of this speed zone is currently posted at 35 mph while the segment to the west is currently posted at 40 mph. Therefore, considering the posted speed limits on adjacent zone, and to ensure the gradual transition between adjacent speed zones, the City Council, on the recommendation of the City Traffic Engineer, approved to re-establish this speed zone at 40 mph.

City of Sacramento
Engineering and Traffic Survey



Speed Zone: HOWE AVE between CADILLAC DR and AMERICAN RIVER DR
 Survey Location: BETWEEN UNIVERSITY AVE & AMERICAN RIVER DR Average Daily Traffic (ADT): 41,032
 Survey Date: 8/17/2010 Start Time: 10:00 End Time: 10:30 Date of ADT: 6/10/2009
 Expiration Date: 8/17/2017 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 40 85th % Speed (mph): 43.3 Avg. Speed (mph): 39.9 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	0	0.00%	0.00%
23	0	0.00%	0.00%
24	0	0.00%	0.00%
25	0	0.00%	0.00%
26	0	0.00%	0.00%
27	0	0.00%	0.00%
28	0	0.00%	0.00%
29	0	0.00%	0.00%
30	0	0.00%	0.00%
31	1	0.98%	0.98%
32	1	0.98%	1.96%
33	1	0.98%	2.94%
34	0	0.00%	2.94%
35	7	6.86%	9.80%
36	8	7.84%	17.65%
37	10	9.80%	27.45%
38	12	11.76%	39.22%
39	9	8.82%	48.04%
40	12	11.76%	59.80%
41	9	8.82%	68.63%
42	8	7.84%	76.47%
43	7	6.86%	83.33%
44	6	5.88%	89.22%
45	5	4.90%	94.12%
46	1	0.98%	95.10%
47	2	1.96%	97.06%
48	2	1.96%	99.02%
49	0	0.00%	99.02%
50	0	0.00%	99.02%
51	1	0.98%	100.00%
52	0	0.00%	100.00%
53	0	0.00%	100.00%
54	0	0.00%	100.00%
55	0	0.00%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	102	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: No Parking

Notes:

Roadway Geometry:

Segment Length (ft): 2,550 Width (ft): 98
 No. of Lanes: 6 (3 NB, 3 SB) Bikeways: On-Street Bike Lanes
 Alignment: Vertical Curve Visibility: Fair
 Median and/or Center Line Treatment: Raised Median

Traffic Controls:

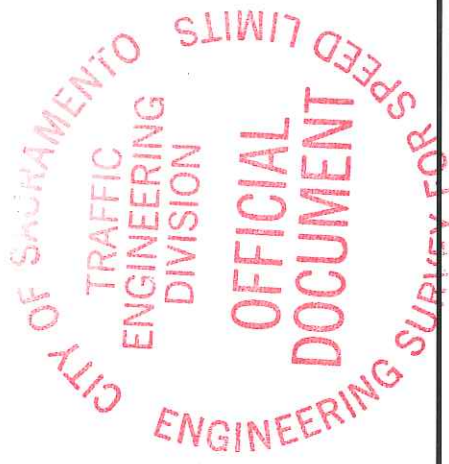
(Location of Signals, Stop Signs, and Roundabouts)
SIGNALS @ FAIR OAKS BLVD, UNIVERSITY AVE, & AMERICAN RIVER DR.
 (Location of Traffic Calming Devices)
RED LIGHT RUNNING CAMERA @ FAIR OAKS BLVD.

Year	Collision History	
	Total No. of Collisions	Collisions due to Speeding
2008	15	7
2009	18	8

Signature: [Signature]
 Certifying Engineer

Justification of Recommended Speed Limit:

The E&TIS indicated that the 85th percentile speed is 43.3 mph. This speed zone is characterized predominantly by commercial developments along the corridor. It is also listed as a bike route on the City of Sacramento's bikeway master plan. However, there is no striped bike lane along north-bound Howe Avenue from University Avenue to Cadillac Drive, and south-bound Howe Avenue from Cadillac Drive up to south of Fair Oaks Boulevard. Furthermore, this zone has experienced 15 vehicle collisions due to speeding within the last two years. Therefore, the City Council on the recommendation of the City Traffic Engineer, approved to re-establish this speed zone at 40 mph.



City of Sacramento
Engineering and Traffic Survey

Speed Zone: 16th STREET between N STREET and BROADWAY
 Survey Location: BETWEEN U STREET & V STREET Average Daily Traffic (ADT): 15,515
 Survey Date: 7/14/2010 Start Time: 13:05 End Time: 13:40 Date of ADT: 1/10/2006
 Expiration Date: 7/14/2017 Observer: Tara Barretto Radar Serial No. DS 13825

Posted Speed Limit (mph): 30 85th % Speed (mph): 35.8 Avg. Speed (mph): 33.7 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	0	0.00%	0.00%
23	0	0.00%	0.00%
24	0	0.00%	0.00%
25	0	0.00%	0.00%
26	0	0.00%	0.00%
27	0	0.00%	0.00%
28	0	0.00%	0.00%
29	2	1.98%	1.98%
30	5	4.95%	6.93%
31	12	11.88%	18.81%
32	16	15.84%	34.65%
33	16	17.82%	52.48%
34	16	15.84%	68.32%
35	11	10.89%	79.21%
36	7	6.93%	86.14%
37	6	5.94%	92.08%
38	5	4.95%	97.03%
39	1	0.99%	98.02%
40	1	0.99%	99.01%
41	1	0.99%	100.00%
42	0	0.00%	100.00%
43	0	0.00%	100.00%
44	0	0.00%	100.00%
45	0	0.00%	100.00%
46	0	0.00%	100.00%
47	0	0.00%	100.00%
48	0	0.00%	100.00%
49	0	0.00%	100.00%
50	0	0.00%	100.00%
51	0	0.00%	100.00%
52	0	0.00%	100.00%
53	0	0.00%	100.00%
54	0	0.00%	100.00%
55	0	0.00%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	101	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: Moderate

Notes:

Roadway Geometry:
 Segment Length (ft): 4,750 Width (ft): 48
 No. of Lanes: 3 N/B Bikeways: None
 Alignment: Straightaway Visibility: Fair
 Median and/or Center Line Treatment: None

Notes:
 MARKED, UNCONTROLLED CROSSWALKS ON 16TH ST @ O ST, R ST, U ST, & V ST.

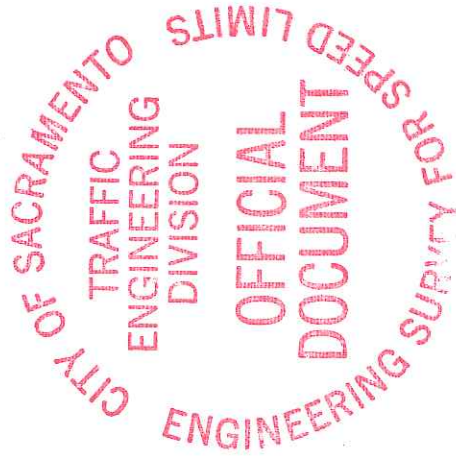
Traffic Controls:
 (Location of Signals, Stop Signs, and Roundabouts)
SIGNALS @ N ST, P ST, Q ST, S ST, T ST, W ST, X ST, & BROADWAY; LIGHT RAIL XING @ R ST.

Traffic Calming:
 (Location of Traffic Calming Devices)

Year	Collision History	
	Total No. of Collisions	Collisions due to Speeding
2008	4	1
2009	1	1

Signature: [Signature] Certifying Engineer

Justification of Recommended Speed Limit:
 The E&TS indicated that the 85th percentile speed is 35.8 mph. There are existing marked uncontrolled crosswalks at O Street, R Street, U Street and V Street. This speed zone is within the Central City core area and is characterized by heavy pedestrian activity due to: (i) a mix of residential and commercial uses, and (ii) Fremont Park at P Street. Therefore, the City Council, on the recommendation of the City Traffic Engineer, approved to re-establish the speed zone at 30 mph.



City of Sacramento
Engineering and Traffic Survey

Speed Zone: BROADWAY between RIVERSIDE BLVD and ALHAMBRA BLVD
 Survey Location: BETWEEN 17th STREET & 18th STREET Average Daily Traffic (ADT): 21,073
 Survey Date: 6/15/2011 Start Time: 14:30 End Time: 15:00 Date of ADT: 10/25/2007
 Expiration Date: 6/15/2018 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 25 85th % Speed (mph): 32.8 Avg. Speed (mph): 29.3 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	0	0.00%	0.00%
23	3	2.97%	2.97%
24	2	1.98%	4.95%
25	6	5.94%	10.89%
26	12	11.88%	22.77%
27	10	9.90%	32.67%
28	11	10.89%	43.56%
29	14	13.86%	57.43%
30	9	8.91%	66.34%
31	7	6.93%	73.27%
32	6	5.94%	79.21%
33	7	6.93%	86.14%
34	6	5.94%	92.08%
35	3	2.97%	95.05%
36	3	2.97%	98.02%
37	2	1.98%	100.00%
38	0	0.00%	100.00%
39	0	0.00%	100.00%
40	0	0.00%	100.00%
41	0	0.00%	100.00%
42	0	0.00%	100.00%
43	0	0.00%	100.00%
44	0	0.00%	100.00%
45	0	0.00%	100.00%
46	0	0.00%	100.00%
47	0	0.00%	100.00%
48	0	0.00%	100.00%
49	0	0.00%	100.00%
50	0	0.00%	100.00%
51	0	0.00%	100.00%
52	0	0.00%	100.00%
53	0	0.00%	100.00%
54	0	0.00%	100.00%
55	0	0.00%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	101	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

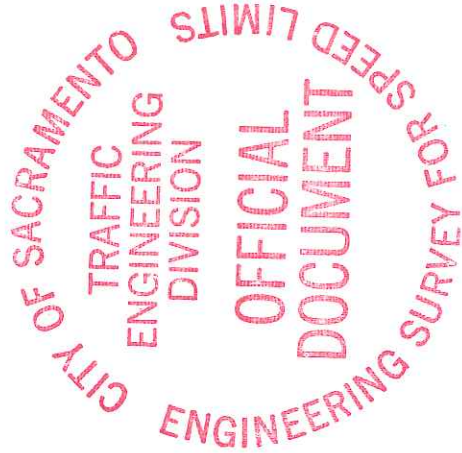
On Street Parking: Moderate Width (ft): 64
 Notes: **Roadway Geometry:** Segment Length (ft): 7,900 Bikeways: None
 No. of Lanes: 4 (2 E/B, 2 W/B) Alignment: Straightaway Visibility: Good
 Median and/or Center Line Treatment: See Note Below
 Notes: MARKED, UNCONTROLLED CROSSWALK @ 13th ST, 14th ST, 17th ST, 18th ST, 20th ST, 22nd ST, 23rd ST, 25th ST, 27th ST, 28th ST;
Traffic Controls: (Location of Signals, Stop Signs, and Roundabouts):
SIGNAL @ RIVERSIDE BLVD, 16th ST, 16th ST, FREEPORT BLVD, 21st ST, 24th ST, 26th ST, FRANKLIN BLVD, HWY 99 N/B OFF-RAMP, ALHAMBRA BLVD; MEDIANS: TWLTL BTWN RIVERSIDE BLVD & 13th ST, DOUBLE YELLOW BTWN 13th ST & 14th ST, RAISED BTWN 14th ST & 15th ST, DOUBLE YELLOW BTWN 15th ST & 21st ST, PAINTED BTWN 21st ST & FRANKLIN BLVD, RAISED BTWN FRANKLIN BLVD & ALHAMBRA BLVD
Traffic Calming: (Location of Traffic Calming Devices)
PEDESTRIAN ISLAND @ 13th ST, 14th ST, 22nd ST, 23rd ST, 25th ST, 26th ST, 27th ST, & 28th ST.

Collision History		
Year	Total No. of Collisions	Collisions due to Speeding
2009	50	14
2010	44	12

Signature: Tara Barretto Certifying Engineer

Justification of Recommended Speed Limit:

The E&TS indicated that the average 85th percentile speed is 31.9 mph (see page # 111.6 for other E&TS). There are existing marked uncontrolled crosswalks at 13th Street, 14th Street, 17th Street, 18th Street, 20th Street, 22nd Street, 23rd Street, 25th Street, 27th Street, and 28th Street. This speed zone is characterized by heavy pedestrian activity due to (i) numerous offices located throughout the stretch of the segment; and (ii) commercial uses. Therefore, the City Council, on the recommendation of the City Traffic Engineer, approved to re-establish the posted speed limit for this speed zone at 25 mph.



City of Sacramento
Engineering and Traffic Survey

Speed Zone: BROADWAY between RIVERSIDE BLVD and ALHAMBRA BLVD
 Survey Location: BETWEEN 26th ST & 27th ST Average Daily Traffic (ADT): 22,110
 Survey Date: 6/16/2011 Start Time: 13:20 End Time: 13:50 Date of ADT: 6/24/2004
 Expiration Date: 6/16/2018 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 25 85th % Speed (mph): 31.0 Avg. Speed (mph): 29.1 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	0	0.00%	0.00%
23	1	1.00%	1.00%
24	2	2.00%	3.00%
25	4	4.00%	7.00%
26	9	9.00%	16.00%
27	13	13.00%	29.00%
28	16	16.00%	45.00%
29	18	18.00%	63.00%
30	13	13.00%	76.00%
31	9	9.00%	85.00%
32	5	5.00%	90.00%
33	2	2.00%	92.00%
34	3	3.00%	95.00%
35	2	2.00%	97.00%
36	0	0.00%	97.00%
37	1	1.00%	98.00%
38	1	1.00%	99.00%
39	1	1.00%	100.00%
40	0	0.00%	100.00%
41	0	0.00%	100.00%
42	0	0.00%	100.00%
43	0	0.00%	100.00%
44	0	0.00%	100.00%
45	0	0.00%	100.00%
46	0	0.00%	100.00%
47	0	0.00%	100.00%
48	0	0.00%	100.00%
49	0	0.00%	100.00%
50	0	0.00%	100.00%
51	0	0.00%	100.00%
52	0	0.00%	100.00%
53	0	0.00%	100.00%
54	0	0.00%	100.00%
55	0	0.00%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	100	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: Moderate

Notes:

Roadway Geometry:

Segment Length (ft): 7,900 Width (ft): 64
 No. of Lanes: 4 (2 E/B, 2 W/B) Bikeways: None
 Alignment: Straightaway Visibility: Good
 Median and/or Center Line Treatment: See Note Below

Notes: MARKED, UNCONTROLLED CROSSWALK @ 13th ST, 14th ST, 17th ST, 18th ST, 20th ST, 22nd ST, 23rd ST, 25th ST, 27th ST, 28th ST;

Traffic Controls:
 (Location of Signals, Stop Signs, and Roundabouts)
 SIGNAL @ RIVERSIDE BLVD, 16th ST, 16th ST, FREEPORT BLVD, 21st ST, 24th ST, 26th ST, FRANKLIN BLVD, HWY 99 N/B OFF-RAMP, ALHAMBRA BLVD; MEDIANS: TWLT, BTWN RIVERSIDE BLVD & 13th ST, DOUBLE YELLOW BTWN 13th ST & 14th ST, RAISED BTWN 14th ST & 15th ST, DOUBLE YELLOW BTWN 15th ST & 21st ST, PAINTED BTWN 21st ST & FRANKLIN BLVD, RAISED, DOUBLE YELLOW BTWN 21st ST & ALHAMBRA BLVD

Traffic Calming:
 (Location of Traffic Calming Devices)
 PEDESTRIAN ISLAND @ 13th ST, 14th ST, 22nd ST, 23rd ST, 25th ST, 26th ST, 27th ST, & 28th ST.

Year	Collision History	
	Total No. of Collisions	Collisions due to Speeding
2009	50	14
2010	44	12

Signature: [Signature] Certifying Engineer

Justification of Recommended Speed Limit:

The E&TS indicated that the average 85th percentile speed is 31.9 mph (see page # 111.5 for other E&TS). There are existing marked uncontrolled crosswalks at 13th Street, 14th Street, 17th Street, 18th Street, 20th Street, 22nd Street, 23rd Street, 25th Street, 27th Street, and 28th Street. This speed zone is characterized by heavy pedestrian activity due to (i) numerous offices located throughout the stretch of the segment; and (ii) commercial uses. Therefore, the City Council, on the recommendation of the City Traffic Engineer, approved to re-establish the posted speed limit for this speed zone at 25 mph.



City of Sacramento
Engineering and Traffic Survey

Speed Zone: EL CAMINO AVE between DEL PASO BLVD and ETHAN WY
 Survey Location: BETWEEN ALBATROSS WY & ETHAN WY. Average Daily Traffic (ADT): 33,019
 Survey Date: 5/14/2014 Start Time: 10:20 End Time: 10:50 Date of ADT: 6/12/2014
 Expiration Date: 5/14/2021 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 35 85th % Speed (mph): 36.0 Avg. Speed (mph): 32.5 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	0	0.00%	0.00%
23	0	0.00%	0.00%
24	1	0.85%	0.85%
25	2	1.69%	2.54%
26	2	1.69%	4.24%
27	3	2.54%	6.78%
28	4	3.39%	10.17%
29	11	9.32%	19.49%
30	17	14.41%	33.90%
31	12	10.17%	44.07%
32	12	10.17%	54.24%
33	9	7.63%	61.86%
34	9	7.63%	69.49%
35	10	8.47%	77.97%
36	8	6.78%	84.75%
37	7	5.93%	90.68%
38	5	4.24%	94.92%
39	2	1.69%	96.61%
40	2	1.69%	98.31%
41	1	0.85%	99.15%
42	1	0.85%	100.00%
43	0	0.00%	100.00%
44	0	0.00%	100.00%
45	0	0.00%	100.00%
46	0	0.00%	100.00%
47	0	0.00%	100.00%
48	0	0.00%	100.00%
49	0	0.00%	100.00%
50	0	0.00%	100.00%
51	0	0.00%	100.00%
52	0	0.00%	100.00%
53	0	0.00%	100.00%
54	0	0.00%	100.00%
55	0	0.00%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	118	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: No Parking Width (ft): 66
 Notes: Bikeways: On-Street Bike Lanes
 Visibility: Fair

Roadway Geometry:

Segment Length (ft): 8,300
 No. of Lanes: 4 (2 E/B, 2 W/B)
 Alignment: Straightaway
 Median and/or Center Line Treatment: Two-Way Left-Turn Lane

Notes: UNMARKED UNCONTROLLED CROSSWALK @ CONNIE DRINIS LEGS), ALBATROSS WY(N/S LEGS), PRINCETON ST(N/S LEGS), KNOLL ST, TAFT ST, GREEN ST, ERICKSON ST; MARKED UNCONTROLLED CROSSWALK @ CLAY ST, EMPRESS ST.

Traffic Controls:
 (Location of Signals, Stop Signs, and Roundabouts)
SIGNAL @ DEL PASO BLVD, BOXWOOD ST, EVERGREEN ST, LEXINGTON ST, VAN NESS ST, I-80 E/W BOUND RAMPs, ETHAN WY.

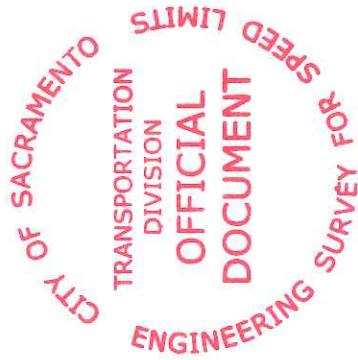
Traffic Calming:
 (Location of Traffic Calming Devices)

Year	Collision History	
	Total No. of Collisions	Collisions due to Speeding
2012	27	11
2013	22	11

Signature: *Tara Barretto* Certifying Engineer

Justification of Recommended Speed Limit:

Since the average 85th percentile speed as indicated by two E&TS is 35.5 mph (see page number 172.1 for other E&TS), the speed limit for this speed zone shall be posted at 35 mph.



City of Sacramento Engineering and Traffic Survey

Speed Zone: EL CAMINO AVE between DEL PASO BLVD and ETHAN WY
 Survey Location: BETWEEN DEL PASO BLVD & BOXWOOD ST. Average Daily Traffic (ADT): 33,019
 Survey Date: 5/14/2014 Start Time: 10:55 End Time: 11:25 Date of ADT: 6/12/2014
 Expiration Date: 5/14/2021 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 35 85th % Speed (mph): 34.9 Avg. Speed (mph): 31.9 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	1	0.88%	0.88%
23	1	0.88%	1.75%
24	2	1.75%	3.51%
25	3	2.63%	6.14%
26	3	2.63%	8.77%
27	3	2.63%	11.40%
28	6	5.26%	16.67%
29	9	7.89%	24.56%
30	11	9.65%	34.21%
31	9	7.89%	42.11%
32	9	7.89%	50.00%
33	12	10.53%	60.53%
34	13	11.40%	71.93%
35	17	14.91%	86.84%
36	6	5.26%	92.11%
37	7	6.14%	98.25%
38	1	0.88%	99.12%
39	1	0.88%	100.00%
40	0	0.00%	100.00%
41	0	0.00%	100.00%
42	0	0.00%	100.00%
43	0	0.00%	100.00%
44	0	0.00%	100.00%
45	0	0.00%	100.00%
46	0	0.00%	100.00%
47	0	0.00%	100.00%
48	0	0.00%	100.00%
49	0	0.00%	100.00%
50	0	0.00%	100.00%
51	0	0.00%	100.00%
52	0	0.00%	100.00%
53	0	0.00%	100.00%
54	0	0.00%	100.00%
55	0	0.00%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	114	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: No Parking

Notes:

Roadway Geometry:
 Segment Length (ft): 8,300 Width (ft): 66
 No. of Lanes: 4 (2 E/B, 2 W/B) Bikeways: On-Street Bike Lanes
 Alignment: Straightaway Visibility: Fair
 Median and/or
 Center Line Treatment: Two-Way Left-Turn Lane

Notes:
 UNMARKED UNCONTROLLED CROSSWALK @ CONNIE DR(N/S LEGS), ALBATROSS WY(N/S LEGS), PRINCETON ST(N/S LEGS), KNOLL ST, TAFT ST, GREEN ST, ERICKSON ST; MARKED UNCONTROLLED CROSSWALK @ CLAY ST, EMPRESS ST.

Traffic Controls:
 (Location of Signals, Stop Signs, and Roundabouts)
 SIGNAL @ DEL PASO BLVD, BOXWOOD ST, EVERGREEN ST, LEXINGTON ST, VAN NESS ST, I-80 E/W BOUND RAMPS, ETHAN WY.

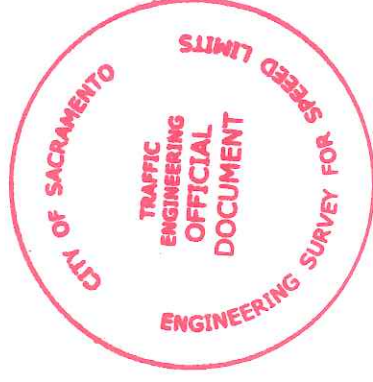
Traffic Calming:
 (Location of Traffic Calming Devices)

Year	Collision History	
	Total No. of Collisions	Collisions due to Speeding
2012	27	11
2013	22	11

Signature: *Tara Barretto* **Certifying Engineer**

Justification of Recommended Speed Limit:

Since the average 85th percentile speed as indicated by two E&TS is 35.5 mph (see page number 172 for other E&TS), the speed limit for this speed zone shall be posted at 35 mph.



City of Sacramento Engineering and Traffic Survey

Speed Zone: FAIR OAKS BLVD between H STREET and W. OF UNIVERSITY AVE
 Survey Location: BETWEEN CAMPUS COMMONS RD & HOWE AVE (East Bound Only) Average Daily Traffic (ADT): 45,894
 Survey Date: 3/22/2012 Start Time: 10:10 End Time: 10:45 Date of ADT: 8/20/2002
 Expiration Date: 3/22/2019 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 40 85th % Speed (mph): 44.6 Avg. Speed (mph): 41.3 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	0	0.00%	0.00%
23	0	0.00%	0.00%
24	0	0.00%	0.00%
25	0	0.00%	0.00%
26	0	0.00%	0.00%
27	0	0.00%	0.00%
28	0	0.00%	0.00%
29	0	0.00%	0.00%
30	0	0.00%	0.00%
31	0	0.00%	0.00%
32	1	0.97%	0.97%
33	2	1.94%	2.91%
34	2	1.94%	4.85%
35	4	3.88%	8.74%
36	5	4.85%	13.59%
37	5	4.85%	18.45%
38	6	5.83%	24.27%
39	7	6.80%	31.07%
40	10	9.71%	40.78%
41	6	5.83%	46.60%
42	8	7.77%	54.37%
43	10	9.71%	64.08%
44	13	12.62%	76.70%
45	15	14.56%	91.26%
46	4	3.88%	95.15%
47	1	0.97%	96.12%
48	2	1.94%	98.06%
49	1	0.97%	99.03%
50	1	0.97%	100.00%
51	0	0.00%	100.00%
52	0	0.00%	100.00%
53	0	0.00%	100.00%
54	0	0.00%	100.00%
55	0	0.00%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	103	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: No Parking Width (ft): 54-98
 Notes: No. of Lanes: See Note Below Bikeways: On-Street Bike Lanes
 Alignment: Vertical Curve Visibility: Good
 Median and/or Center Line Treatment: See Note Below

Notes:
 UNMARKED UNCONTROLLED CROSSWALK @ UNIVERSITY AVE, CAMILLIA AVE, H ST; LANES (1-WAY): 2 W/B LANES BTWN H ST & HOWE AVE, 3 W/B LANES BTWN HOWE AVE & CITY LIMITS; MEDIANS: DOUBLE YELLOW BTWN H ST & CADILLAC DR, RAISED BTWN CADILLAC DR & CITY LIMITS.

Traffic Controls:
 (Location of Signals, Stop Signs, and Roundabouts)
SIGNAL @ CADILLAC DR, HOWE AVE.

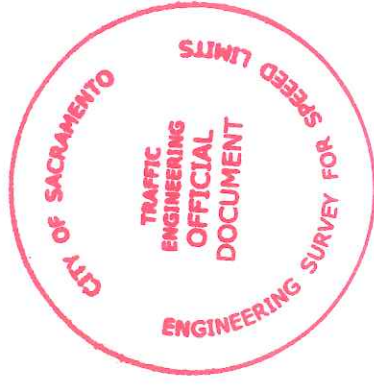
Traffic Calming:
 (Location of Traffic Calming Devices)

Year	Collision History	
	Total No. of Collisions	Collisions due to Speeding
2010	7	3
2011	8	2

Signature: [Signature]
 Certifying Engineer

Justification of Recommended Speed Limit:

This speed zone is characterized by a mix of multi-residential and commercial uses. This segment has a vertical and horizontal curve alignment, in addition to the three unmarked uncontrolled crosswalks. The segment just east of the bridge (southwest bound lanes) has a narrow road and has no shoulder and sidewalk. The average 85th percentile speed as indicated by two E&TS is 44.2 mph (see page number 197 for other ETS), therefore, the City Council, on the recommendation of the City Traffic Engineer, approved to reduce the posted speed limit along this speed zone to 40 mph.



City of Sacramento Engineering and Traffic Survey

Speed Zone: FAIR OAKS BLVD between H STREET and W. OF UNIVERSITY AVE
 Survey Location: BETWEEN CAMPUS COMMONS RD & HOWE AVE (West Bound Only) Average Daily Traffic (ADT): 45,894
 Survey Date: 3/21/2012 Start Time: 2:10 End Time: 3:00 Date of ADT: 8/20/2002
 Expiration Date: 3/21/2019 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 40 85th % Speed (mph): 43.9 Avg. Speed (mph): 40.2 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	0	0.00%	0.00%
23	0	0.00%	0.00%
24	0	0.00%	0.00%
25	0	0.00%	0.00%
26	0	0.00%	0.00%
27	0	0.00%	0.00%
28	0	0.00%	0.00%
29	1	0.99%	0.99%
30	3	2.97%	3.96%
31	2	1.98%	5.94%
32	2	1.98%	7.92%
33	1	0.99%	8.91%
34	2	1.98%	10.89%
35	3	2.97%	13.86%
36	3	2.97%	16.83%
37	9	8.91%	25.74%
38	7	6.93%	32.67%
39	8	7.92%	40.59%
40	9	8.91%	49.50%
41	8	7.92%	57.43%
42	10	9.90%	67.33%
43	11	10.89%	78.22%
44	8	7.92%	86.14%
45	5	4.95%	91.09%
46	3	2.97%	94.06%
47	3	2.97%	97.03%
48	1	0.99%	98.02%
49	0	0.00%	98.02%
50	1	0.99%	99.01%
51	0	0.00%	99.01%
52	0	0.00%	99.01%
53	0	0.00%	99.01%
54	0	0.00%	99.01%
55	1	0.99%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	101	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: No Parking

Notes:

Roadway Geometry:
 Segment Length (ft): 3,800 Width (ft): 54-98
 No. of Lanes: See Note Below Bikeways: On-Street Bike Lanes
 Alignment: Vertical Curve Visibility: Fair
 Median and/or Center Line Treatment: See Note Below

Notes:
 UNMARKED UNCONTROLLED CROSSWALK @ UNIVERSITY AVE, CAMILLIA AVE, H ST; LANES (1-WAY): 2 WB LANES BTWN H ST & HOWE AVE, 3 WB LANES BTWN HOWE AVE & CITY LIMITS; MEDIANS: DOUBLE YELLOW BTWN H ST & CADILLAC DR, RAISED BTWN CADILLAC DR & CITY LIMITS.

Traffic Controls:
 (Location of Signals, Stop Signs, and Roundabouts)
 SIGNAL @ CADILLAC DR, HOWE AVE.

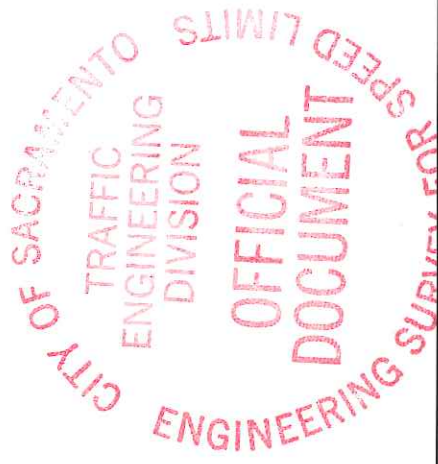
Traffic Calming:
 (Location of Traffic Calming Devices)

Year	Collision History	
	Total No. of Collisions	Collisions due to Speeding
2010	7	3
2011	8	2

Signature: [Signature]
 Certifying Engineer

Justification of Recommended Speed Limit:

This speed zone is characterized by a mix of multi-residential and commercial uses. This segment has a vertical and horizontal curve alignment, in addition to the three unmarked uncontrolled crosswalks. The segment just east of the bridge (southwest bound lanes) has a narrow road and has no shoulder and sidewalk. The average 85th percentile speed as indicated by two E&TS is 44.2 mph (see page number 196 for other ETS), therefore, the City Council, on the recommendation of the City Traffic Engineer, approved to reduce the posted speed limit along this speed zone to 40 mph.



City of Sacramento
Engineering and Traffic Survey

Speed Zone: HOWE AVE between CADILLAC DR and AMERICAN RIVER DR
 Survey Location: BETWEEN UNIVERSITY AVE & AMERICAN RIVER DR Average Daily Traffic (ADT): 41,032
 Survey Date: 8/17/2010 Start Time: 10:00 End Time: 10:30 Date of ADT: 6/10/2009
 Expiration Date: 8/17/2017 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 40 85th % Speed (mph): 43.3 Avg. Speed (mph): 39.9 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	0	0.00%	0.00%
23	0	0.00%	0.00%
24	0	0.00%	0.00%
25	0	0.00%	0.00%
26	0	0.00%	0.00%
27	0	0.00%	0.00%
28	0	0.00%	0.00%
29	0	0.00%	0.00%
30	0	0.00%	0.00%
31	1	0.98%	0.98%
32	1	0.98%	1.96%
33	1	0.98%	2.94%
34	0	0.00%	2.94%
35	7	6.86%	9.80%
36	8	7.84%	17.65%
37	10	9.80%	27.45%
38	12	11.76%	39.22%
39	9	8.82%	48.04%
40	12	11.76%	59.80%
41	9	8.82%	68.63%
42	8	7.84%	76.47%
43	7	6.86%	83.33%
44	6	5.88%	89.22%
45	5	4.90%	94.12%
46	1	0.98%	95.10%
47	2	1.96%	97.06%
48	2	1.96%	99.02%
49	0	0.00%	99.02%
50	0	0.00%	99.02%
51	1	0.98%	100.00%
52	0	0.00%	100.00%
53	0	0.00%	100.00%
54	0	0.00%	100.00%
55	0	0.00%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	102	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: No Parking

Notes:

Roadway Geometry:

Segment Length (ft): 2,550 Width (ft): 88
 No. of Lanes: 6 (3 N/B, 3 S/B) Bikeways: On-Street Bike Lanes
 Alignment: Vertical Curve Visibility: Fair
 Median and/or Center Line Treatment: Raised Median

Notes:

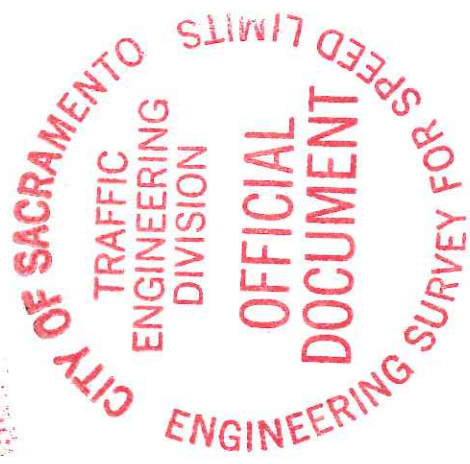
Traffic Controls:
 (Location of Signals, Stop Signs, and Roundabouts)
SIGNALS @ FAIR OAKS BLVD, UNIVERSITY AVE, & AMERICAN RIVER DR.

Traffic Calming:
 (Location of Traffic Calming Devices)
RED LIGHT RUNNING CAMERA @ FAIR OAKS BLVD.

Year	Collision History	
	Total No. of Collisions	Collisions due to Speeding
2008	15	7
2009	18	8

Signature: See ROS Certifying Engineer

Justification of Recommended Speed Limit:
 The E&TS indicated that the 85th percentile speed is 43.3 mph. This speed zone is characterized predominantly by commercial developments along the corridor. It is also listed as a bike route on the City of Sacramento's bikeway master plan. However, there is no striped bike lane along north-bound Howe Avenue from University Avenue to Cadillac Drive, and south-bound Howe Avenue from Cadillac Drive up to south of Fair Oaks Boulevard. Furthermore, this zone has experienced 15 vehicle collisions due to speeding within the last two years. Therefore, the City Council on the recommendation of the City Traffic Engineer, approved to re-establish this speed zone at 40 mph.



City of Sacramento
Engineering and Traffic Survey

Speed Zone: HOWE AVENUE between HIGHWAY 50 and FOLSOM BOULEVARD
 Survey Location: Between Hwy 50 and Folsom Blvd Average Daily Traffic (ADT): 60,156
 Survey Date: 2/11/2010 Start Time: 11:30 End Time: 12:00 Date of ADT: 10/25/2007
 Expiration Date: 2/11/2017 Observer: LoAnna Hernandez Radar Serial No. DS 4204

Posted Speed Limit (mph): 40 85th % Speed (mph): 43.0 Avg. Speed (mph): 37.3 Weather: Clear

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	0	0.00%	0.00%
23	0	0.00%	0.00%
24	0	0.00%	0.00%
25	0	0.00%	0.00%
26	0	0.00%	0.00%
27	0	0.00%	0.00%
28	4	3.48%	3.48%
29	1	0.87%	4.35%
30	4	3.48%	7.83%
31	6	5.22%	13.04%
32	7	6.09%	19.13%
33	7	6.09%	25.22%
34	6	5.22%	30.43%
35	10	8.70%	39.13%
36	9	7.83%	46.96%
37	10	8.70%	55.65%
38	7	6.09%	61.74%
39	8	6.96%	68.70%
40	8	6.96%	75.65%
41	3	2.61%	78.26%
42	3	2.61%	80.87%
43	5	4.35%	85.22%
44	3	2.61%	87.83%
45	5	4.35%	92.17%
46	5	4.35%	96.52%
47	0	0.00%	96.52%
48	2	1.74%	98.26%
49	2	1.74%	100.00%
50	0	0.00%	100.00%
51	0	0.00%	100.00%
52	0	0.00%	100.00%
53	0	0.00%	100.00%
54	0	0.00%	100.00%
55	0	0.00%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	115	100.00%	

LAND USE AND ROADWAY CONDITIONS

Notes:

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: No Parking

Roadway Geometry:

Segment Length (ft): 1,550 Width (ft): 109
 No. of Lanes: 6 (3 NB, 3 SB) Bikeways: None
 Alignment: Straightaway Visibility: Fair
 Median and/or Center Line Treatment: Raised Median

Traffic Controls:
 (Location of Signals, Stop Signs, and Roundabouts)
Signals at Hwy 50 EB Off-Ramp, Folsom Blvd.

Traffic Calming:
 (Location of Traffic Calming Devices)

Year	Collision History	
	Total No. of Collisions	Collisions due to Speeding
2008	18	7
2009	18	9

Signature: Walter Basner Certifying Engineer

Justification of Recommended Speed Limit:
 The Engineering & Traffic Survey indicated that the 85th percentile speed is 43 mph. This speed zone is characterized predominantly by commercial developments along the corridor and its close proximity to the on and off ramp of Highway 50. During the last two years, this zone has experienced 16 vehicle collisions due to speeding. Considering the number of collisions due to speeding in the last two years, the City Council, on the recommendation of the City Traffic Engineer, approved to re-establish the speed limit at 40 mph.



City of Sacramento Engineering and Traffic Survey

Speed Zone: I STREET between 3rd STREET and 21st STREET
 Survey Location: BETWEEN 7th STREET & 8th STREET. Average Daily Traffic (ADT): 16,446
 Survey Date: 4/9/2013 Start Time: 9:10 End Time: 9:50 Date of ADT: 7/24/2013
 Expiration Date: 4/9/2020 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 25 85th % Speed (mph): 27.4 Avg. Speed (mph): 24.8 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	1	0.96%	0.96%
17	2	1.92%	2.88%
18	1	0.96%	3.85%
19	2	1.92%	5.77%
20	6	5.77%	11.54%
21	4	3.85%	15.38%
22	7	6.73%	22.12%
23	5	4.81%	26.92%
24	13	12.50%	39.42%
25	24	23.08%	62.50%
26	14	13.46%	75.96%
27	8	7.69%	83.65%
28	4	3.85%	87.50%
29	6	5.77%	93.27%
30	2	1.92%	95.19%
31	1	0.96%	96.15%
32	2	1.92%	98.08%
33	1	0.96%	99.04%
34	1	0.96%	100.00%
35	0	0.00%	100.00%
36	0	0.00%	100.00%
37	0	0.00%	100.00%
38	0	0.00%	100.00%
39	0	0.00%	100.00%
40	0	0.00%	100.00%
41	0	0.00%	100.00%
42	0	0.00%	100.00%
43	0	0.00%	100.00%
44	0	0.00%	100.00%
45	0	0.00%	100.00%
46	0	0.00%	100.00%
47	0	0.00%	100.00%
48	0	0.00%	100.00%
49	0	0.00%	100.00%
50	0	0.00%	100.00%
51	0	0.00%	100.00%
52	0	0.00%	100.00%
53	0	0.00%	100.00%
54	0	0.00%	100.00%
55	0	0.00%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	104	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: Heavy Width (ft): 48-64
 Notes: No. of Lanes: SEE NOTE BELOW Bikeways: On-Street Bike Lanes
 Roadway Geometry: Alignment: Straightaway Visibility: Fair
 Segment Length (ft): 7,400 Median and/or Center Line Treatment: None

Notes: UNMARKED UNCONTROLLED CROSSWALK @ 17th ST; MARKED UNCONTROLLED CROSSWALK @ 18th ST, 20th ST; LANES: 2 WIB (1-WY) BTWN 3rd ST & 4th ST, 4 WIB (1-WY) BTWN 4th ST & 6th ST, 3 WIB (1-WY) BTWN 6th ST & 21st ST.

Traffic Controls:
 (Location of Signals, Stop Signs, and Roundabouts)
 SIGNAL @ 4th ST, 5th ST, 6th ST, 7th ST, 8th ST, 9th ST, 10th ST, 11th ST, 12th ST, 13th ST, 14th ST, 15th ST, 16th ST, 19th ST, 21st ST; RR XING BTWN 19th ST & 20th ST; STOP SIGN @ 3rd ST.

Traffic Calming:
 (Location of Traffic Calming Devices)

Year	Collision History	
	Total No. of Collisions	Collisions due to Speeding
2011	22	1
2012	13	4

Signature: [Handwritten Signature]
 Certifying Engineer

Justification of Recommended Speed Limit:

Since the average 85th percentile speed as indicated by two E&TS is 27.9 mph (see page number 274.6 for other E&TS), the posted speed limit for this speed zone shall be re-established at 25 mph.



City of Sacramento Engineering and Traffic Survey

Speed Zone: I STREET between 3rd STREET and 21st STREET
 Survey Location: BETWEEN 17th STREET & 18th STREET. Average Daily Traffic (ADT): 10,005
 Survey Date: 4/9/2013 Start Time: 10:00 End Time: 10:40 Date of ADT: 7/24/2013
 Expiration Date: 4/9/2020 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 25 85th % Speed (mph): 28.4 Avg. Speed (mph): 25.7 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	1	0.99%	0.99%
19	1	0.99%	1.98%
20	4	3.96%	5.94%
21	6	5.94%	11.88%
22	3	2.97%	14.85%
23	9	8.91%	23.76%
24	11	10.89%	34.65%
25	17	16.83%	51.49%
26	14	13.86%	65.35%
27	10	9.90%	75.25%
28	8	7.92%	83.17%
29	5	4.95%	88.12%
30	3	2.97%	91.09%
31	2	1.98%	93.07%
32	1	0.99%	94.06%
33	1	0.99%	95.05%
34	2	1.98%	97.03%
35	2	1.98%	99.01%
36	1	0.99%	100.00%
37	0	0.00%	100.00%
38	0	0.00%	100.00%
39	0	0.00%	100.00%
40	0	0.00%	100.00%
41	0	0.00%	100.00%
42	0	0.00%	100.00%
43	0	0.00%	100.00%
44	0	0.00%	100.00%
45	0	0.00%	100.00%
46	0	0.00%	100.00%
47	0	0.00%	100.00%
48	0	0.00%	100.00%
49	0	0.00%	100.00%
50	0	0.00%	100.00%
51	0	0.00%	100.00%
52	0	0.00%	100.00%
53	0	0.00%	100.00%
54	0	0.00%	100.00%
55	0	0.00%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	101	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: Heavy Width (ft): 48-64
 Notes: No. of Lanes: SEE NOTE BELOW Bikeways: On-Street Bike Lanes
 Roadway Geometry: Segment Length (ft): 7,400 Visibility: Fair
 Alignment: Straightaway
 Median and/or Center Line Treatment: None

Notes:
 UNMARKED UNCONTROLLED CROSSWALK @ 17th ST; MARKED UNCONTROLLED CROSSWALK @ 18th ST, 20th ST;
 LANES: 2 W/B (1-WY) BTWN 3rd ST & 4th ST, 4 W/B (1-WY) BTWN 4th ST & 6th ST, 3 W/B (1-WY) BTWN 6th ST & 21st ST.

Traffic Controls:
 (Location of Signals, Stop Signs, and Roundabouts)
 SIGNAL @ 4th ST, 5th ST, 6th ST, 7th ST, 8th ST, 9th ST, 10th ST, 11th ST, 12th ST, 13th ST, 14th ST, 15th ST, 16th ST, 19th ST, 21st ST; RR XING BTWN 18th ST & 20th ST; STOP SIGN @ 3rd ST.

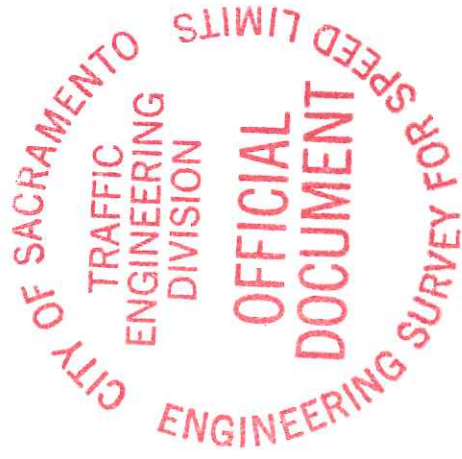
Traffic Calming:
 (Location of Traffic Calming Devices)

Year	Collision History	
	Total No. of Collisions	Collisions due to Speeding
2011	22	1
2012	13	4

Signature: [Handwritten Signature]
 Certifying Engineer

Justification of Recommended Speed Limit:

Since the average 85th percentile speed as indicated by two E&TS is 27.9 mph (see page number 274.5 for other E&TS), the posted speed limit for this speed zone shall be re-established at 25 mph.



City of Sacramento
Engineering and Traffic Survey

Speed Zone: J STREET between 10th STREET and ALHAMBRA BLVD
 Survey Location: BETWEEN 11th STREET & 12th STREET Average Daily Traffic (ADT): 6,422
 Survey Date: 10/26/2010 Start Time: 10:25 End Time: 11:00 Date of ADT: 10/8/2009
 Expiration Date: 10/26/2017 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 30 85th % Speed (mph): 29.8 Avg. Speed (mph): 27.0 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	1	0.93%	0.93%
22	5	4.67%	5.61%
23	5	4.67%	10.28%
24	9	8.41%	18.69%
25	18	16.82%	35.51%
26	17	15.89%	51.40%
27	14	13.08%	64.49%
28	8	7.48%	71.96%
29	9	8.41%	80.37%
30	6	5.61%	85.98%
31	6	5.61%	91.59%
32	2	1.87%	93.46%
33	1	0.93%	94.39%
34	5	4.67%	99.07%
35	1	0.93%	100.00%
36	0	0.00%	100.00%
37	0	0.00%	100.00%
38	0	0.00%	100.00%
39	0	0.00%	100.00%
40	0	0.00%	100.00%
41	0	0.00%	100.00%
42	0	0.00%	100.00%
43	0	0.00%	100.00%
44	0	0.00%	100.00%
45	0	0.00%	100.00%
46	0	0.00%	100.00%
47	0	0.00%	100.00%
48	0	0.00%	100.00%
49	0	0.00%	100.00%
50	0	0.00%	100.00%
51	0	0.00%	100.00%
52	0	0.00%	100.00%
53	0	0.00%	100.00%
54	0	0.00%	100.00%
55	0	0.00%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	107	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: Moderate

Notes:

Roadway Geometry:

Segment Length (ft): 8,650 Width (ft): 48-52
 No. of Lanes: 3 E/B (1-WAY) Bikeways: None
 Alignment: Straightaway Visibility: Fair
 Median and/or Center Line Treatment: None

Notes:
 UNMARKED UNCONTROLLED CROSSWALK @ 22nd ST, 24th ST; MARKED UNCONTROLLED CROSSWALK @ 17th ST, 18th ST, 20th ST, & 27th ST.

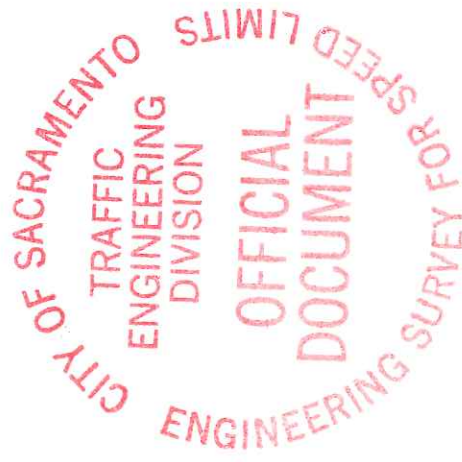
Traffic Controls:
 (Location of Signals, Stop Signs, and Roundabouts)
 SIGNAL @ 10th ST, 11th ST, 12th ST, 13th ST, 14th ST, 15th ST, 16th ST, 19th ST, 21st ST, 23rd ST, 25th ST, 26th ST, 28th ST, 29th ST, 30th ST, ALHAMBRA BLVD; RR XING BTWN 19th ST & 20th ST.

Traffic Calming:
 (Location of Traffic Calming Devices)

Collision History		
Year	Total No. of Collisions	Collisions due to Speeding
2009	75	8
2010	51	13

Signature: [Signature]
 Certifying Engineer

Justification of Recommended Speed Limit:
 Since the average 85th percentile speed as indicated by three E&TS is 31.5 mph (see page numbers 278 and 279 for other E&TS), the posted speed limit for this speed zone should be re-established at 30 mph.



City of Sacramento
Engineering and Traffic Survey

Speed Zone: J STREET between 10th STREET and ALHAMBRA BLVD
 Survey Location: BETWEEN 17th STREET & 18th STREET Average Daily Traffic (ADT): 6,422
 Survey Date: 10/26/2010 Start Time: 11:10 End Time: 11:40 Date of ADT: 10/8/2009
 Expiration Date: 10/26/2017 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 30 85th % Speed (mph): 30.9 Avg. Speed (mph): 27.7 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	1	0.97%	0.97%
23	5	4.85%	5.83%
24	7	6.80%	12.62%
25	16	15.53%	28.16%
26	16	15.53%	43.69%
27	13	12.62%	56.31%
28	11	10.68%	66.99%
29	8	7.77%	74.76%
30	4	3.88%	78.64%
31	7	6.80%	85.44%
32	4	3.88%	89.32%
33	4	3.88%	93.20%
34	3	2.91%	96.12%
35	2	1.94%	98.06%
36	2	1.94%	100.00%
37	0	0.00%	100.00%
38	0	0.00%	100.00%
39	0	0.00%	100.00%
40	0	0.00%	100.00%
41	0	0.00%	100.00%
42	0	0.00%	100.00%
43	0	0.00%	100.00%
44	0	0.00%	100.00%
45	0	0.00%	100.00%
46	0	0.00%	100.00%
47	0	0.00%	100.00%
48	0	0.00%	100.00%
49	0	0.00%	100.00%
50	0	0.00%	100.00%
51	0	0.00%	100.00%
52	0	0.00%	100.00%
53	0	0.00%	100.00%
54	0	0.00%	100.00%
55	0	0.00%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	103	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: Moderate

Notes:

Roadway Geometry:

Segment Length (ft): 8,650 Width (ft): 48-52
 No. of Lanes: 3 E/B (1-WAY) Bikeways: None
 Alignment: Straightaway Visibility: Fair
 Median and/or Center Line Treatment: None

Notes:
 UNMARKED UNCONTROLLED CROSSWALK @ 22nd ST, 24th ST, 24th ST; MARKED UNCONTROLLED CROSSWALK @ 17th ST, 18th ST, 20th ST, & 27th ST.

Traffic Controls:
 (Location of Signals, Stop Signs, and Roundabouts)
 SIGNAL @ 10th ST, 11th ST, 12th ST, 13th ST, 14th ST, 15th ST, 16th ST, 19th ST, 21st ST, 23rd ST, 25th ST, 26th ST, 28th ST, 29th ST, 30th ST, ALHAMBRA BLVD; RR XING BTWN 19th ST & 20th ST.

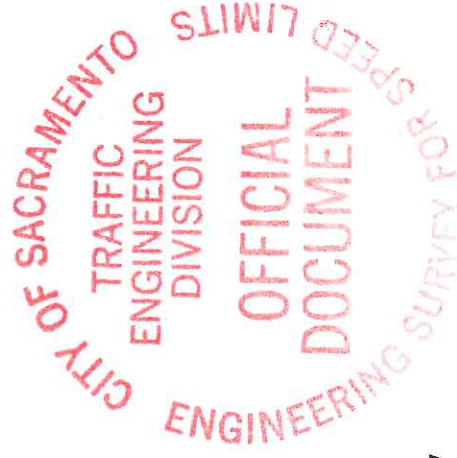
Traffic Calming:
 (Location of Traffic Calming Devices)

Year	Collision History	
	Total No. of Collisions	Collisions due to Speeding
2009	75	8
2010	51	13

Signature: [Signature]
 Certifying Engineer

Justification of Recommended Speed Limit:

Since the average 85th percentile speed as indicated by three E&TS is 31.5 mph (see page numbers 277 and 279 for other E&TS), the posted speed limit for this speed zone should be re-established at 30 mph.



City of Sacramento
Engineering and Traffic Survey

Speed Zone: J STREET between 10th STREET and ALHAMBRA BLVD
 Survey Location: BETWEEN 24th STREET & 25th STREET Average Daily Traffic (ADT): 6,422
 Survey Date: 10/28/2010 Start Time: 10:45 End Time: 11:15 Date of ADT: 10/8/2009
 Expiration Date: 10/28/2017 Observer: Tara Barretto Radar Serial No. DS 19639

Posted Speed Limit (mph): 30 85th % Speed (mph): 33.8 Avg. Speed (mph): 30.8 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	0	0.00%	0.00%
23	2	2.00%	2.00%
24	0	0.00%	2.00%
25	0	0.00%	2.00%
26	4	4.00%	6.00%
27	6	6.00%	12.00%
28	9	9.00%	21.00%
29	13	13.00%	34.00%
30	17	17.00%	51.00%
31	15	15.00%	66.00%
32	7	7.00%	73.00%
33	8	8.00%	81.00%
34	5	5.00%	86.00%
35	5	5.00%	91.00%
36	4	4.00%	95.00%
37	4	4.00%	99.00%
38	1	1.00%	100.00%
39	0	0.00%	100.00%
40	0	0.00%	100.00%
41	0	0.00%	100.00%
42	0	0.00%	100.00%
43	0	0.00%	100.00%
44	0	0.00%	100.00%
45	0	0.00%	100.00%
46	0	0.00%	100.00%
47	0	0.00%	100.00%
48	0	0.00%	100.00%
49	0	0.00%	100.00%
50	0	0.00%	100.00%
51	0	0.00%	100.00%
52	0	0.00%	100.00%
53	0	0.00%	100.00%
54	0	0.00%	100.00%
55	0	0.00%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	100	100.00%	

LAND USE AND ROADWAY CONDITIONS

Notes:

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

On Street Parking: Moderate

Roadway Characteristics

Roadway Geometry:

Segment Length (ft): 8,650 Width (ft): 48-52
 No. of Lanes: 3 E/B (1-WAY) Bikeways: None
 Alignment: Straightaway Visibility: Fair
 Median and/or Center Line Treatment: None

Notes:
 UNMARKED UNCONTROLLED CROSSWALK @ 22nd ST, 24th ST, 24th ST; MARKED UNCONTROLLED CROSSWALK @ 17th ST, 18th ST, 20th ST, & 27th ST.

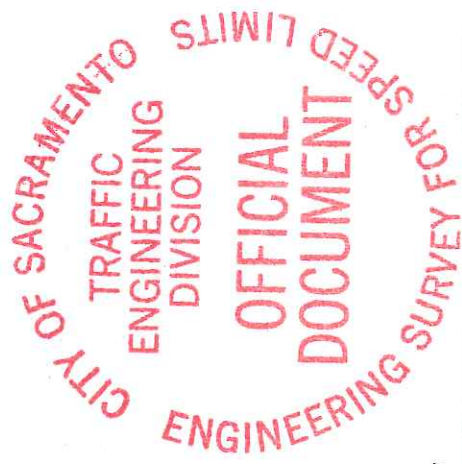
Traffic Controls:
 (Location of Signals, Stop Signs, and Roundabouts)
 SIGNAL @ 10th ST, 11th ST, 12th ST, 13th ST, 14th ST, 15th ST, 16th ST, 19th ST, 21st ST, 23rd ST, 25th ST, 26th ST, 28th ST, 29th ST, 30th ST, ALHAMBRA BLVD; RR XING BTWN 19th ST & 20th ST.

Traffic Calming:
 (Location of Traffic Calming Devices)

Collision History		
Year	Total No. of Collisions	Collisions due to Speeding
2009	75	8
2010	51	13

Signature: Tara Barretto Certifying Engineer

Justification of Recommended Speed Limit:
 Since the average 85th percentile speed as indicated by three E&TS is 31.5 mph (see page numbers 277 and 278 for other E&TS), the posted speed limit for this speed zone should be re-established at 30 mph.



City of Sacramento
Engineering and Traffic Survey

Speed Zone: J STREET between ALHAMBRA BLVD and 42nd STREET
 Survey Location: BETWEEN 38th STREET & 39th STREET Average Daily Traffic (ADT): 18,924
 Survey Date: 10/28/2010 Start Time: 13:45 End Time: 14:15 Date of ADT: 9/16/2008
 Expiration Date: 10/28/2017 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 30 85th % Speed (mph): 28.5 Avg. Speed (mph): 26.8 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	1	1.00%	1.00%
22	3	3.00%	4.00%
23	5	5.00%	9.00%
24	7	7.00%	16.00%
25	11	11.00%	27.00%
26	18	18.00%	45.00%
27	18	18.00%	63.00%
28	17	17.00%	80.00%
29	10	10.00%	90.00%
30	5	5.00%	95.00%
31	2	2.00%	97.00%
32	1	1.00%	98.00%
33	1	1.00%	99.00%
34	0	0.00%	99.00%
35	0	0.00%	99.00%
36	1	1.00%	100.00%
37	0	0.00%	100.00%
38	0	0.00%	100.00%
39	0	0.00%	100.00%
40	0	0.00%	100.00%
41	0	0.00%	100.00%
42	0	0.00%	100.00%
43	0	0.00%	100.00%
44	0	0.00%	100.00%
45	0	0.00%	100.00%
46	0	0.00%	100.00%
47	0	0.00%	100.00%
48	0	0.00%	100.00%
49	0	0.00%	100.00%
50	0	0.00%	100.00%
51	0	0.00%	100.00%
52	0	0.00%	100.00%
53	0	0.00%	100.00%
54	0	0.00%	100.00%
55	0	0.00%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	100	100.00%	100.00%

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: Moderate Width (ft): 48
 Notes: Bikeways: None
 Alignment: Straightaway Visibility: Fair
 Median and/or Center Line Treatment: See Note Below

Notes:

MEDIANS: TWLTL BTWN ALHAMBRA BLVD & 41st ST, DOUBLE YELLOW BTWN 41st ST & 42nd ST; UNMRKD UNCONTROLLED CROSSWALKS @ SANTA BARBARA CRT, SANTA YNEZ WY, DOLORES WY, 38th ST, 41st ST, 42nd ST, 34th ST; MRKD UNCONTROLLED CROSSWALKS @ 35th ST, 37th ST. LANES: 2(1E/B,1W/B)BTWN ALHAMBRA BLVD & 41st ST, 4(2E/B,2W/B)BTWN 41st ST & 42nd ST.

Traffic Controls:

(Location of Signals, Stop Signs, and Roundabouts)
 SIGNALS @ ALHAMBRA BLVD, 33rd ST, 36th ST, 39th ST, 40th ST.

Traffic Calming:

(Location of Traffic Calming Devices)

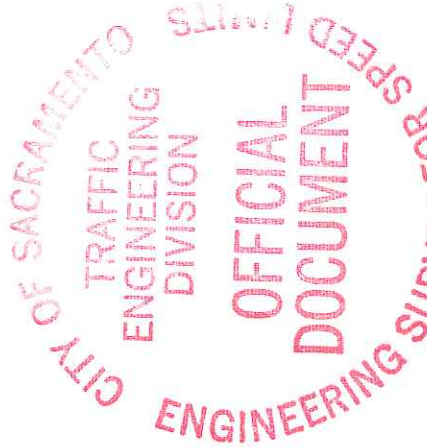
Year	Collision History	
	Total No. of Collisions	Collisions due to Speeding
2009	13	3
2010	11	4

Signature: *Tara Barretto*

Certifying Engineer

Justification of Recommended Speed Limit:

Since the 85th percentile speed as indicated by an E&TS is 28.5 mph, the posted speed limit for this speed zone should be re-established at 30 mph.



City of Sacramento
Engineering and Traffic Survey

Speed Zone: MACK RD between BROOKFIELD DR and STOCKTON BLVD
 Survey Location: BETWEEN ARCHEAN WY & DEER MEADOWS DR Average Daily Traffic (ADT): 29,325
 Survey Date: 7/26/2011 Start Time: 10:15 End Time: 10:45 Date of ADT: 9/5/2002
 Expiration Date: 7/26/2018 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 45 85th % Speed (mph): 45.9 Avg. Speed (mph): 42.3 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	0	0.00%	0.00%
23	0	0.00%	0.00%
24	0	0.00%	0.00%
25	0	0.00%	0.00%
26	0	0.00%	0.00%
27	0	0.00%	0.00%
28	0	0.00%	0.00%
29	0	0.00%	0.00%
30	0	0.00%	0.00%
31	0	0.00%	0.00%
32	0	0.00%	0.00%
33	0	0.00%	0.00%
34	2	1.77%	1.77%
35	2	1.77%	3.54%
36	5	4.42%	7.96%
37	4	3.54%	11.50%
38	7	6.19%	17.70%
39	8	7.08%	24.78%
40	9	7.96%	32.74%
41	10	8.85%	41.59%
42	13	11.50%	53.10%
43	15	13.27%	66.37%
44	9	7.96%	74.34%
45	5	4.42%	78.76%
46	8	7.08%	85.84%
47	6	5.31%	91.15%
48	3	2.65%	93.81%
49	2	1.77%	95.58%
50	1	0.88%	96.46%
51	1	0.88%	97.35%
52	1	0.88%	98.23%
53	1	0.88%	99.12%
54	0	0.00%	99.12%
55	1	0.88%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	113	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: No Parking

Notes:

Roadway Geometry:

Segment Length (ft): 13,860 Width (ft): 94
 No. of Lanes: 4 (2 E/B, 2 W/B) Bikeways: On-Street Bike Lanes
 Alignment: Vertical Curve Visibility: Good
 Median and/or Center Line Treatment: See Note Below

Notes:
UNMARKED UNCONTROLLED CROSSWALK @ SAMOS WY, ARCHEAN WY, DEER MEADOWS DR, SUMMERSDALE DR.

Traffic Controls:
(Location of Signals, Stop Signs, and Roundabouts)
 SIGNAL @ BROOKFIELD DR, DEER CREEK DR, FRANKLIN BLVD, TANGERINE AVE, CENTER PRKWY, VALLEY HI DR, ALTA VALLEY WY, STOCKTON BLVD; MEDIANS: RAISED BTWN BROOKFIELD DR & ALTA VALLEY WY, DOUBLE YELLOW BTWN ALTA VALLEY WY & STOCKTON BLVD.

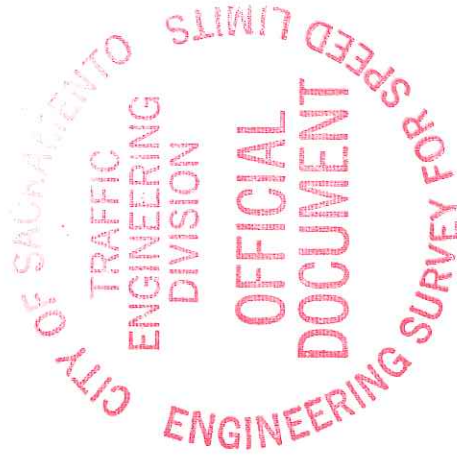
Traffic Calming:
(Location of Traffic Calming Devices)

Collision History		
Year	Total No. of Collisions	Collisions due to Speeding
2009	90	47
2010	90	48

Signature: Tara Barretto
 Certifying Engineer

Justification of Recommended Speed Limit:

Since the average 85th percentile speed as indicated by two E&TS is 46.1 mph (see page number 312 for other E&TS), the posted speed limit for this speed zone shall be 45 mph.



City of Sacramento
Engineering and Traffic Survey

Speed Zone: MACK RD between BROOKFIELD DR and STOCKTON BLVD
 Survey Location: BETWEEN TANGERINE AVE & SUMMERSDALE DR Average Daily Traffic (ADT): 33,718
 Survey Date: 7/26/2011 Start Time: 9:25 End Time: 9:55 Date of ADT: 9/5/2002
 Expiration Date: 7/26/2018 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 45 85th % Speed (mph): 46.3 Avg. Speed (mph): 41.9 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	0	0.00%	0.00%
23	0	0.00%	0.00%
24	0	0.00%	0.00%
25	0	0.00%	0.00%
26	0	0.00%	0.00%
27	0	0.00%	0.00%
28	0	0.00%	0.00%
29	0	0.00%	0.00%
30	0	0.00%	0.00%
31	2	1.87%	1.87%
32	2	1.87%	3.74%
33	1	0.93%	4.67%
34	1	0.93%	5.61%
35	2	1.87%	7.48%
36	3	2.80%	10.28%
37	5	4.67%	14.95%
38	6	5.61%	20.56%
39	7	6.54%	27.10%
40	10	9.35%	36.45%
41	13	12.15%	48.60%
42	6	5.61%	54.21%
43	11	10.28%	64.49%
44	6	5.61%	70.09%
45	7	6.54%	76.64%
46	7	6.54%	83.18%
47	7	6.54%	89.72%
48	5	4.67%	94.39%
49	2	1.87%	96.26%
50	2	1.87%	98.13%
51	1	0.93%	99.07%
52	0	0.00%	99.07%
53	0	0.00%	99.07%
54	1	0.93%	100.00%
55	0	0.00%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	107	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: No Parking

Notes:

Roadway Geometry:

Segment Length (ft): 13,860 Width (ft): 94
No. of Lanes: 4 (2 E/B, 2 W/B) Bikeways: On-Street Bike Lanes
Alignment: Vertical Curve Visibility: Good

Median and/or Center Line Treatment: See Note Below

Notes: UNMARKED UNCONTROLLED CROSSWALK @ SAMOS WY, ARCHEAN WY, DEER MEADOWS DR, SUMMERSDALE DR.

Traffic Controls:

(Location of Signals, Stop Signs, and Roundabouts)
 SIGNAL @ BROOKFIELD DR, DEER CREEK DR, FRANKLIN BLVD, TANGERINE AVE, CENTER PRKWY, VALLEY HI DR, ALTA VALLEY WY, STOCKTON BLVD; MEDIANS: RAISED BTWN BROOKFIELD DR & ALTA VALLEY WY, DOUBLE YELLOW BTWN ALTA VALLEY WY & STOCKTON BLVD.

Traffic Calming:

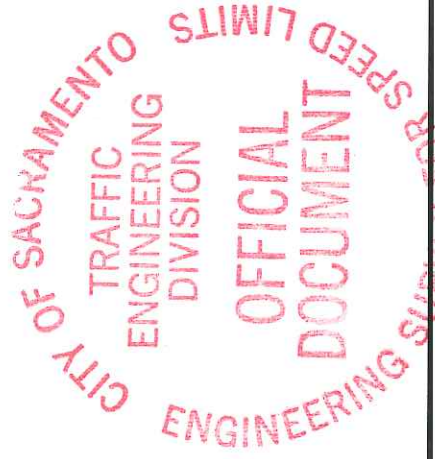
(Location of Traffic Calming Devices)

Year	Collision History	
	Total No. of Collisions	Collisions due to Speeding
2009	90	47
2010	90	48

Signature:  **Certifying Engineer**

Justification of Recommended Speed Limit:

Since the average 85th percentile speed as indicated by two E&TS is 46.1 mph (see page number 311 for other E&TS), the posted speed limit for this speed zone shall be 45 mph.



City of Sacramento
Engineering and Traffic Survey

Speed Zone: POWER INN RD between FOLSOM BLVD and CITY LIMITS
 Survey Location: BETWEEN 20th AVE & 21st AVE Average Daily Traffic (ADT): 26,337
 Survey Date: 8/4/2010 Start Time: 2:00 End Time: 2:30 Date of ADT: 10/27/2009
 Expiration Date: 8/4/2017 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 45 85th % Speed (mph): 48.8 Avg. Speed (mph): 44.4 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	0	0.00%	0.00%
23	0	0.00%	0.00%
24	0	0.00%	0.00%
25	0	0.00%	0.00%
26	0	0.00%	0.00%
27	0	0.00%	0.00%
28	0	0.00%	0.00%
29	0	0.00%	0.00%
30	0	0.00%	0.00%
31	0	0.00%	0.00%
32	0	0.00%	0.00%
33	0	0.00%	0.00%
34	2	1.36%	1.36%
35	2	1.36%	2.72%
36	4	2.72%	5.44%
37	6	4.08%	9.52%
38	2	1.36%	10.88%
39	6	4.08%	14.97%
40	6	4.08%	19.05%
41	9	6.12%	25.17%
42	14	9.52%	34.69%
43	10	6.80%	41.50%
44	12	8.16%	49.66%
45	12	8.16%	57.82%
46	13	8.84%	66.67%
47	10	6.80%	73.47%
48	9	6.12%	79.59%
49	10	6.80%	86.39%
50	7	4.76%	91.16%
51	5	3.40%	94.56%
52	2	1.36%	95.92%
53	3	2.04%	97.96%
54	0	0.00%	97.96%
55	3	2.04%	100.00%
56	0	0.00%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	147	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: No Parking

Notes:

Roadway Geometry:

Segment Length (ft): 18,050 Width (ft): 64
 No. of Lanes: 4 (2 N/B, 2 S/B) Bikeways: On-Street Bike Lanes
 Alignment: Straightaway Visibility: Good
 Median and/or Center Line Treatment: See Note Below

Notes:
 UNMARKED UNCONTROLLED CROSSWALKS @ : CARLTON RD,BELVEDERE AVE,AMADOR AVE,BUTTE AVE,18th AVE,ALPINE AVE,MERCED AVE,NAPA AVE,19th AVE,HICKORY AVE,20th AVE,21st AVE,32nd AVE,33rd AVE,34th AVE,35th AVE,36th AVE,37th AVE,38th AVE,39th AVE,DENWIL CRT,INDUSTRIAL PRKWY,43rd AVE,SIGNAL CRT,ANDORA WY,CAPISTRANO WY,48th AVE,52nd AVE,OTHEL WY,53rd

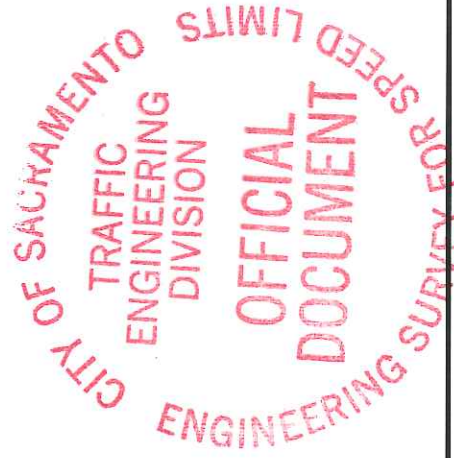
Traffic Controls:
 (Location of Signals, Stop Signs, and Roundabouts)
 SIGNALS @ FOLSOM Blvd,RT PARKING LOT ENTRANCE,CUCAMONGA AVE,RAMONA AVE,14th AVE,FRUITRIDGE RD,LEMON HILL AVE,ELDER CREEK RD,BERRY AVE; RR XING BTWN 21st AVE & FRUITRIDGE RD; MEDIANS: RAISED BTWN FOLSOM BLVD & CUCAMONGA AVE FOR LIGHTRAIL

Traffic Calming:
 (Location of Traffic Calming Devices)

Year	Collision History	
	Total No. of Collisions	Collisions due to Speeding
2008	26	13
2009	13	6

Signature: Tara Barretto Certifying Engineer

Justification of Recommended Speed Limit:
 Since the average 85th percentile speed as indicated by two E&TS is 46.6 mph (see page no. 366), the posted speed limit for this speed zone is re-established at 45 mph.



City of Sacramento
Engineering and Traffic Survey

Speed Zone: POWER INN RD between FOLSOM BLVD and CITY LIMITS
 Survey Location: BETWEEN 38th AVE & 39th AVE Average Daily Traffic (ADT): 26,337
 Survey Date: 8/4/2010 Start Time: 2:35 End Time: 2:55 Date of ADT: 10/27/2009
 Expiration Date: 8/4/2017 Observer: Tara Barretto Radar Serial No. DS 13639

Posted Speed Limit (mph): 45 85th % Speed (mph): 44.4 Avg. Speed (mph): 41.2 Weather: Dry

SPOT SPEED DATA

Speed mph	No. of Vehicles	Percent of Total	Cumulative Percentage
<=15	0	0.00%	0.00%
16	0	0.00%	0.00%
17	0	0.00%	0.00%
18	0	0.00%	0.00%
19	0	0.00%	0.00%
20	0	0.00%	0.00%
21	0	0.00%	0.00%
22	0	0.00%	0.00%
23	0	0.00%	0.00%
24	0	0.00%	0.00%
25	0	0.00%	0.00%
26	0	0.00%	0.00%
27	0	0.00%	0.00%
28	0	0.00%	0.00%
29	0	0.00%	0.00%
30	0	0.00%	0.00%
31	0	0.00%	0.00%
32	2	1.65%	1.65%
33	0	0.00%	1.65%
34	1	0.83%	2.48%
35	7	5.79%	8.26%
36	6	4.96%	13.22%
37	7	5.79%	19.01%
38	12	9.92%	28.93%
39	11	9.09%	38.02%
40	9	7.44%	45.45%
41	13	10.74%	56.20%
42	14	11.57%	67.77%
43	11	9.09%	76.86%
44	9	7.44%	84.30%
45	2	1.65%	85.95%
46	2	1.65%	87.60%
47	3	2.48%	90.08%
48	3	2.48%	92.56%
49	2	1.65%	94.21%
50	2	1.65%	95.87%
51	1	0.83%	96.69%
52	0	0.00%	96.69%
53	0	0.00%	96.69%
54	1	0.83%	97.52%
55	2	1.65%	99.17%
56	1	0.83%	100.00%
57	0	0.00%	100.00%
58	0	0.00%	100.00%
59	0	0.00%	100.00%
>=60	0	0.00%	100.00%
Total	121	100.00%	

LAND USE AND ROADWAY CONDITIONS

Predominant Land Use

Single Family Residential Multi-Family Residential Commercial
 Office Industrial Park
 School

Notes:

Roadway Characteristics

On Street Parking: No Parking

Notes:

Roadway Geometry:

Segment Length (ft): 18,050 Width (ft): 64
 No. of Lanes: 4 (2 N/B, 2 S/B) Bikeways: On-Street Bike Lanes
 Alignment: Straightaway Visibility: Good
 Median and/or Center Line Treatment: See Note Below

Notes:
 UNMARKED UNCONTROLLED CROSSWALKS @ : CARLTON RD,BELVEDERE AVE,AMADOR AVE,BUTTE AVE,18th AVE,ALPINE AVE,MERCED AVE,NAPA AVE,19th AVE,HICKORY AVE,20th AVE,21st AVE,32nd AVE,33rd AVE,34th AVE,35th AVE,36th AVE,37th AVE,38th AVE,39th AVE,DENWIL CRT,INDUSTRIAL PRKWY,43rd AVE,SIGNAL CRT,ANDORA WY,CAPISTRANO WY,48th AVE,52nd

Traffic Controls:
 (Location of Signals, Stop Signs, and Roundabouts)
 SIGNAL @ FOLSOM BLVD,RT PARKING LOT ENTRANCE,CUCAMONGA AVE,RAMONA AVE,14th AVE,FRUITRIDGE RD; MEDIANS: RAISED BTWN FOLSOM BLVD & CUCAMONGA AVE FOR LIGHTRAIL OVERPASS, TWLTL BTWN CUCAMONGA AVE & ELDER CREEK RD, DOUBLE YELLOW BTWN ELDER

Traffic Calming:
 (Location of Traffic Calming Devices)

Year	Collision History	
	Total No. of Collisions	Collisions due to Speeding
2008	26	13
2009	13	6

Signature: [Signature] Certifying Engineer

Justification of Recommended Speed Limit:

Since the average 85th percentile speed as indicated by two E&TS is 46.6 mph (see page no. 365), the posted speed limit for this speed zone is re-established at 45 mph.