



Old Coast Highway

Traffic & Engineering Survey Summary

From / To	Salinas Street to Harbor View Drive
FAU Classification	Urban Arterial
Width	32 to 40 Feet
Length	950 Feet
Striping, Parking and Land Use	Solid Double Yellow Center Line, Bike Lanes No Parking on north side
Existing Posted Speed Limit	35 mph
85th Percentile Speed	35.2 mph
Pace	25.9 to 35.9 mph
Average Daily Traffic	5,300
Special Characteristics	
Engineer's Determination of Speed Limit	35miles per hour (mph)

Speed Survey Expiry Date: 10/19/2019

Date prepared 10/19/2012 JER

City of Santa Barbara
Derrick Bailey P.E., T.E.
Supervising Transportation Engineer
Registered Civil Engineer Number C 65726



12-16-14

City of Santa Barbara

Study by
John Rousseau

Street: 431 Old Coast Hwy
Type: T&E Study
Box and Date: C4 Oct 2012

Site:
Wednesday, 10/10/2012, 12:00:00 AM -
Thursday, 10/11/2012, 12:00:00 AM

Speed Grand Totals Combined

mph	Total	Hourly Averages												
		0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
12:00 AM	32.0	0.0	3.0	5.0	12.0	9.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00 AM	16.0	0.0	0.0	2.0	5.0	4.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2:00 AM	7.0	1.0	0.0	0.0	2.0	2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
3:00 AM	13.0	0.0	1.0	2.0	4.0	3.0	0.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0
4:00 AM	10.0	0.0	0.0	3.0	5.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5:00 AM	33.0	0.0	0.0	1.0	7.0	13.0	9.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
6:00 AM	121.0	0.0	1.0	9.0	37.0	57.0	16.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
7:00 AM	304.0	2.0	3.0	21.0	90.0	139.0	44.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0
8:00 AM	383.0	0.0	0.0	19.0	119.0	185.0	52.0	7.0	1.0	0.0	0.0	0.0	0.0	0.0
9:00 AM	315.0	0.0	3.0	26.0	112.0	131.0	39.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0
10:00 AM	282.0	0.0	2.0	29.0	99.0	115.0	36.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00 AM	272.0	1.0	2.0	13.0	91.0	111.0	47.0	2.0	5.0	0.0	0.0	0.0	0.0	0.0
12:00 PM	313.0	0.0	3.0	15.0	95.0	138.0	62.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1:00 PM	325.0	1.0	3.0	13.0	93.0	158.0	50.0	5.0	0.0	1.0	1.0	0.0	0.0	0.0
2:00 PM	362.0	3.0	1.0	11.0	111.0	155.0	72.0	8.0	0.0	0.0	0.0	0.0	1.0	0.0
3:00 PM	434.0	5.0	1.0	27.0	122.0	197.0	70.0	11.0	0.0	0.0	0.0	1.0	0.0	0.0
4:00 PM	547.0	3.0	7.0	34.0	178.0	259.0	62.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0
5:00 PM	499.0	4.0	18.0	36.0	158.0	217.0	57.0	7.0	1.0	0.0	1.0	0.0	0.0	0.0
6:00 PM	375.0	0.0	5.0	29.0	134.0	156.0	45.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0
7:00 PM	225.0	0.0	5.0	20.0	86.0	90.0	23.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
8:00 PM	164.0	0.0	3.0	25.0	65.0	55.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9:00 PM	143.0	1.0	6.0	22.0	53.0	39.0	19.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0
10:00 PM	82.0	1.0	0.0	14.0	28.0	32.0	6.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
11:00 PM	48.0	1.0	0.0	8.0	21.0	12.0	5.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
ADT	5305.0	23.0	67.0	384.0	1727.0	2278.0	739.0	66.0	14.0	2.0	2.0	2.0	1.0	0.0

Percentile Speeds (mph)	7%	50%	85%	93%
	20.6	30.6	35.2	37.2

10 mph Pace Speed	25.9 - 35.9	Average	30.2 mph
Number in Pace	8070 (71.3 %)	Minimum	11.0 mph
		Maximum	72.8 mph

Speeds Exceeded	25 mph	30 mph	35 mph	40 mph	45 mph	55 mph
	85.7 %	55.8 %	16.1 %	2.9 %	1.3 %	0.4 %
Count	9701	6315	1825	330	142	40

mph	Total	Study Grand Totals												
		0 - < 15	15 - < 20	20 - < 25	25 - < 30	30 - < 35	35 - < 40	40 - < 45	45 - < 50	50 - < 55	55 - < 60	60 - < 65	65 - < 70	70 - < 200
Westbound	2269	10	29	181	779	922	310	28	7	1	0	1	1	0
		0.4%	1.3%	8.0%	34.3%	40.6%	13.7%	1.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
Eastbound	3036	13	38	203	948	1356	429	38	7	1	2	1	0	0
		0.4%	1.3%	6.7%	31.2%	44.7%	14.1%	1.3%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%
Combined	5305	23	67	384	1727	2278	739	66	14	2	2	2	1	0
		0.4%	1.3%	7.2%	32.6%	42.9%	13.9%	1.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%

City of Santa Barbara

Study by
John Rousseau

Street: 431 Old Coast Hwy
Type: T&E Study
Box and Date: C4 Oct 2012

Site:
Wednesday, 10/10/2012, 12:00:00 AM -
Thursday, 10/11/2012, 12:00:00 AM

Volume Grand Totals

	Average Hourly Volumes		Combined
	Westbound	Eastbound	
12:00 AM	16.0	16.0	32.0
1:00 AM	6.0	10.0	16.0
2:00 AM	5.0	2.0	7.0
3:00 AM	5.0	8.0	13.0
4:00 AM	2.0	8.0	10.0
5:00 AM	8.0	25.0	33.0
6:00 AM	37.0	84.0	121.0
7:00 AM	108.0	196.0	304.0
8:00 AM	135.0	248.0	383.0
9:00 AM	127.0	187.0	314.0
10:00 AM	125.0	157.0	282.0
11:00 AM	137.0	135.0	272.0
12:00 PM	159.0	154.0	313.0
1:00 PM	151.0	174.0	325.0
2:00 PM	163.0	199.0	362.0
3:00 PM	185.0	249.0	434.0
4:00 PM	216.0	331.0	547.0
5:00 PM	171.0	328.0	499.0
6:00 PM	174.0	201.0	375.0
7:00 PM	109.0	116.0	225.0
8:00 PM	82.0	82.0	164.0
9:00 PM	75.0	68.0	143.0
10:00 PM	48.0	34.0	82.0
11:00 PM	24.0	24.0	48.0
ADT	2268.0	3036.0	5304.0

Study Grand Totals		
Westbound	Eastbound	Combined
2268	3036	5304
42.8 %	57.2 %	

Old Coast Hwy - Salinas to Harbor View

Segment length in feet	950	
Number of collisions =	9	See below.
AADT	5,300	
Time period in years =	3	01/01/2008-12/31/2010
Segment Collision rate =	12.92868	ACC/MVM
2009 District 5 Urban 3LN =	1.59	ACC/MVM
2009 Statewide 3 yr 3LN =	1.42	ACC/MVM

Crash Number	CASE ID	STREET 1	STREET 2	DATE	DISTANCE	DIR FROM INT	COLL TYPE
	1	3927304 OLD COAST HWY	OCEAN VIEW AVE	10/8/2008	0	Not stated	Head on
	2	3980392 OCEAN VIEW AVE	OLD COAST HWY	10/24/2008	623	East	Side swipe
	3	4417671 OLD COAST HWY	HARBOR VIEW DR	9/12/2009	0	Not stated	Rear end
	4	4417821 OLD COAST HWY	PARK PL	9/18/2009	800	East	Side swipe
	5	4487908 SALINAS ST	OLD COAST HWY	10/28/2009	0	Not stated	Auto-ped
	6	4491538 SALINAS ST	OLD COAST HWY	11/13/2009	0	Not stated	Auto-ped
	7	4657125 OLD COAST HWY	OCEAN VIEW AVE	3/6/2010	18	East	Side swipe
	8	4676794 OLD COAST HWY	PARK PL	4/4/2010	0	Not stated	Broadside
	9	4809839 OLD COAST HWY	PARK PL	7/1/2010	0	Not stated	Head on