



## Ontare Road

### Traffic & Engineering Survey Summary

From / To	State Street to Sunset Drive
FAU Classification	Collector
Width	23 Feet
Length	1,682 Feet
Striping, Parking and Land Use	A Double Yellow Center Line. No Parking
Existing Posted Speed Limit	25 miles per hour (mph)
85th Percentile Speed	31.9 mph
Pace	23 to 33 mph
Average Daily Traffic	2,700
Special Characteristics	Residential Density
(Allowing reduction of speed limit up to 5 mph)	
Engineer's Determination of Speed Limit	25 miles per hour (mph)
Speed Survey Expiry Date:	7/15/2019
Date prepared 7/15/2012 JER	

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



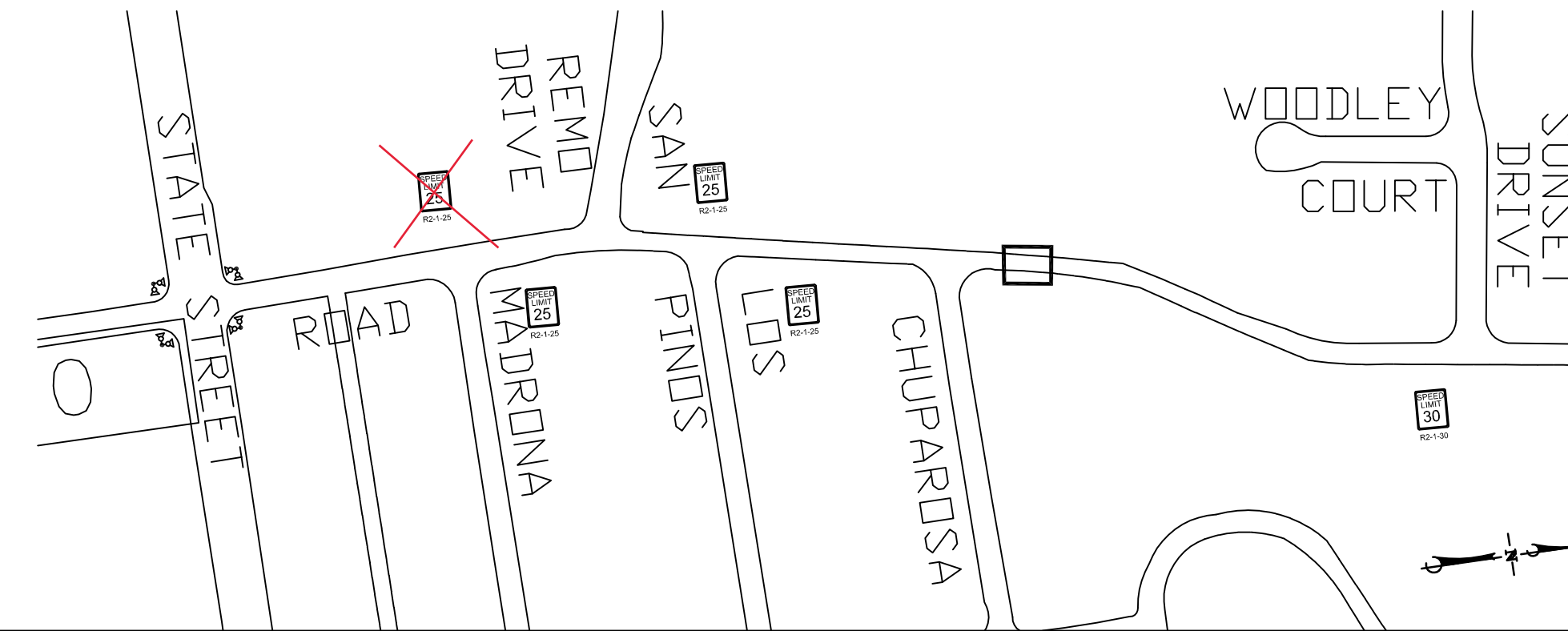
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REMARKS: ROADSIDE DEVELOPMENT

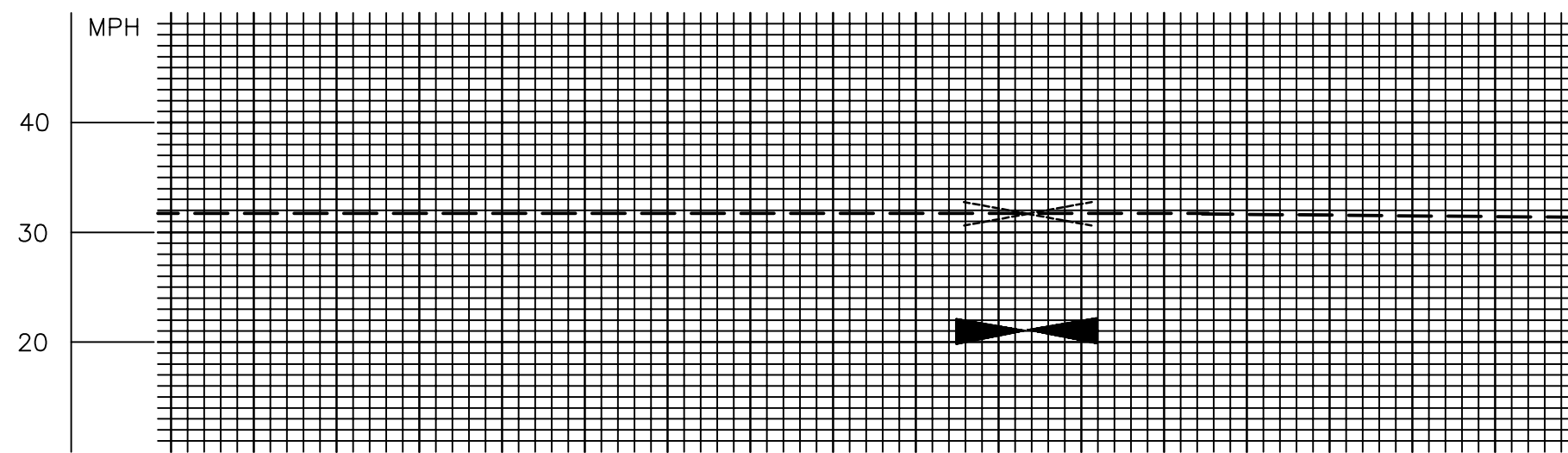
RESIDENTIAL

RESIDENTIAL

RESIDENTIAL



ROADWAY WIDTH	23
NO. OF STRIPED LANES	TWO
TYPE OF DIVISION STRIPE	DOUBLE YELLOW CENTER LINE
TRAFFIC SIGNAL DATA	ACTUATED
AVERAGE DAILY TRAFFIC	2,700
OBSERVED SPEED CRITICAL	31.9 MPH
OBSERVED SPEED 10 mph PACE	23 to 33 MPH
EXISTING SIGNED ZONE	25 MPH
PROPOSED SPEED LIMIT	25 MPH



DISTANCE IN FEET (1" = 200')	0	1	2	3	4	5	6	7	8
SEGMENT COLLISION RATE	10.88 acc/MVM						10.88 acc/MVM		
2009 District 5 Urban 2LN =	(1.59 acc/MVM)								
2009 Statewide 3 yr 2LN =	(1.42 acc/MVM)								

CITY OF SANTA BARBARA



SPEED ZONE SURVEY  
**ONTARE ROAD**

FROM STATE STREET

TO SUNSET DRIVE

SCALE: SCALE - 1" = 200'

DATE: 07-30-2012

PREPARED BY: J ROUSSEAU

LEGEND

- ROAD SIGNS
- REGULATORY & WARNING (CODE NO.)
- TRAFFIC SIGNALS
- SENIOR CENTERS
- SCHOOLS
- CHURCHES
- SPEED STUDY LOCATION
- CRITICAL SPEED - 85%
- LOWER LIMIT OF 10mph PACE

# Speed Zone Study

## 100 Ontare Road

Posted Speed is 35 MPH							
1 (mph)	2 ui	3 fi	4 fiui	5 % class	6 cumulative %	7 fi*ui <sup>2</sup>	8 f(ui-u) <sup>2</sup>
Speed Range	Class Midvalue	Frequency					
11-14	12	0	0	0.0%	0.0%	0	0
15-19	17	2	34	1.2%	1.2%	578	1156
20-24	22	18	396	10.5%	11.6%	8712	156816
25-29	27	79	2133	45.9%	57.6%	57591	4549689
30-34	32	61	1952	35.5%	93.0%	62464	3810304
35-39	37	12	444	7.0%	100.0%	16428	197136
40-44	42	0	0	0.0%	100.0%	0	0
45-49	47	0	0	0.0%	100.0%	0	0
50-54	52	0	0	0.0%	100.0%	0	0
55-59	56	0	0	0.0%	100.0%	0	0
		172	4,959			145,773.0	8,715,101.0
u=fiui/fi							
Total Volume		85 Percentile	Mean	Standard Dev.	Median	Skewness Index	
172		31.9	28.8	4.0	28.1	1.03	
10 mph Pace is 23 mph to 33 mph							

# City of Santa Barbara

Study by  
John Rousseau

Street: Ontare Road 213  
Type: Speed Survey  
Box and Date: C-7 May 2012

Site:  
Tuesday, 5/8/2012, 12:00:00 AM -  
Thursday, 5/10/2012, 12:00:00 AM

## Volume Grand Totals

	Average Hourly Volumes		Combined
	Northbound	Southbound	
12:00 AM	3.0	3.5	6.5
1:00 AM	3.5	3.0	6.5
2:00 AM	0.5	0.0	0.5
3:00 AM	2.0	1.0	3.0
4:00 AM	13.5	0.5	14.0
5:00 AM	33.0	11.5	44.5
6:00 AM	94.0	46.5	140.5
7:00 AM	110.0	74.5	184.5
8:00 AM	111.5	61.5	173.0
9:00 AM	90.0	60.0	150.0
10:00 AM	109.5	76.5	186.0
11:00 AM	100.0	94.5	194.5
12:00 PM	97.5	100.0	197.5
1:00 PM	93.5	94.0	187.5
2:00 PM	101.5	87.5	189.0
3:00 PM	105.5	113.5	219.0
4:00 PM	100.5	122.5	223.0
5:00 PM	82.0	100.5	182.5
6:00 PM	59.5	85.0	144.5
7:00 PM	39.0	68.5	107.5
8:00 PM	26.5	44.0	70.5
9:00 PM	17.0	28.5	45.5
10:00 PM	8.5	14.0	22.5
11:00 PM	4.5	6.0	10.5
ADT	1406.0	1297.0	2703.0

Study Grand Totals		
Northbound	Southbound	Combined
2812	2594	5406
52.0 %	48.0 %	

N Ontare - State to Sunset

Segment length in feet	1,682	
Number of collisions =	8	See below.
AADT	3,160	
Time period in years =	2	04/01/2009 - 03/31/2011
<b>Segment Collision rate =</b>	<b>10.88649</b>	ACC/MVM
2009 District 5 Urban 2LN =	1.59	ACC/MVM
2009 Statewide 3 yr 2LN =	1.42	ACC/MVM

Crash Number	CASE ID	STREET 1	STREET 2	DATE	DISTANCE	DIR FROM INT	COLL TYPE
1	4214092	ONTARE RD	STATE ST	4/15/2009	30	North	Side swipe
2	4726284	STATE ST	ONTARE RD	6/3/2010	45	East	Side swipe
3	4810681	ONTARE RD	STATE ST	7/20/2010	62	North	Head on
4	4751286	STATE ST	ONTARE RD	9/2/2010	0	West	Rear end
5	4901145	STATE ST	ONTARE RD	10/1/2010	60	East	Hit object
6	5088981	STATE ST	ONTARE RD	2/5/2011	60	West	Rear end
7	5089108	STATE ST	ONTARE RD	2/17/2011	0	Not stated	Side swipe
8	4493555	ONTARE RD	SAN REMO DR	11/30/2009	0	Not stated	Not stated