



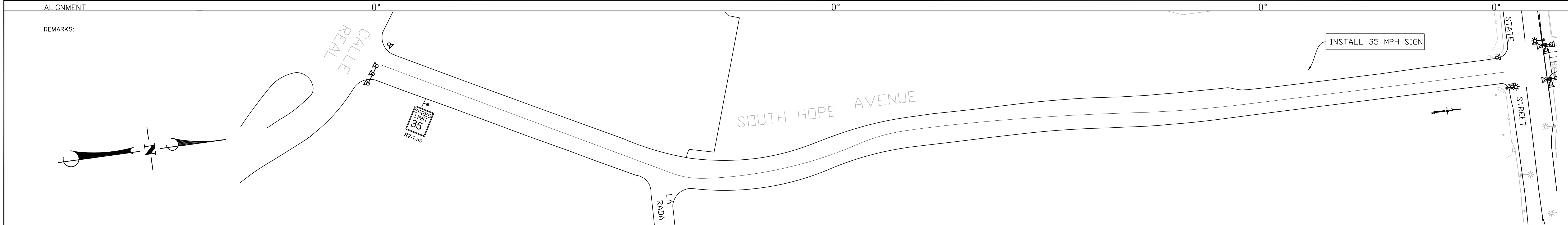
South Hope Avenue

Traffic & Engineering Survey Summary

From / To	State Street to Calle Real
FAU Classification	Urban Arterial
Width	50 to 60 Feet
Length	2,270 Feet
Striping, Parking and Land Use	Two-Way Turn Lanes, Bike Lanes and
Parking on Both sides	
Existing Posted Speed Limit	35 miles per hour (mph)
85th Percentile Speed	38.6 mph
Pace	30 to 40 mph
Average Daily Traffic	6,542
Special Characteristics	None
Engineer's Determination of Speed Limit	35 miles per hour (mph)
Speed Survey Expiry Date:	5/15/2019
Date prepared	5/15/2012 JER

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





CITY OF SANTA BARBARA

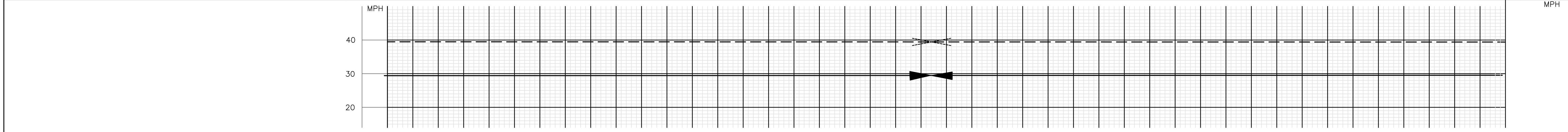


SPEED ZONE SURVEY
SOUTH HOPE AVENUE

FROM STATE STREET
TO CALLE REAL
SCALE: Hor 1" = 100'
DATE: 5/15/2012
PREPARED BY: J. ROUSSEAU

ROADWAY WIDTH	60 FEET	60 FEET	50 FEET
NO. OF STRIPED LANES	TWO		
TYPE OF DIVISION STRIPE	TWO-WAY LEFT TURN LANES - BIKE ALNES - PARKING LANES		
TRAFFIC SIGNAL DATA	SEMMI ACT		
AVERAGE DAILY TRAFFIC	4,150 - AVERAGE DAILY TRAFFIC		
OBSERVED SPEED CRITICAL	38.4 mph - OBSERVED 85th PERCENTILE SPEED		
OBSERVED SPEED 10 mph PACE	29.5 to 39.5 mph - OBSERVED 10mph PACE		
EXISTING SIGNED ZONE	35 MPH - EXISTING SPEED LIMIT		
PROPOSED SPEED LIMIT	35 MPH - PROPOSED SPEED LIMIT		

- LEGEND**
- ROAD SIGNS (CODE NO.)
 - REGULATORY & WARNING
 - TRAFFIC SIGNALS
 - PUBLIC BUILDINGS
 - SCHOOLS
 - CHURCHES
 - PUBLIC PARKS (AS SHOWN)
 - CRITICAL SPEED - 85% - - - - -
 - LOWER LIMIT OF 10mph PACE _____

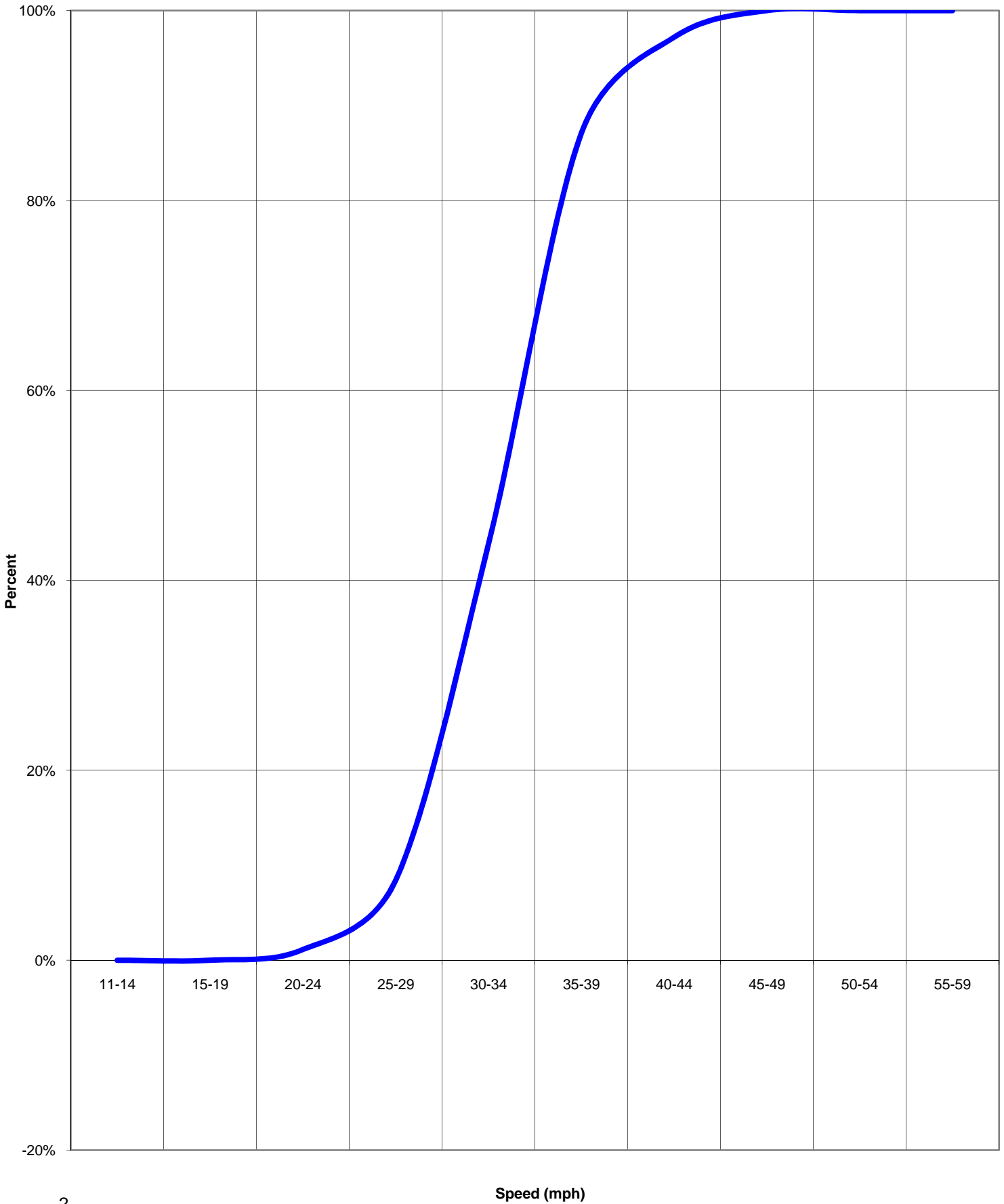


SEGMENT COLLISION RATE	3.72 acc/MVM
2009 DISTRICT 5 URBAN 3LN	(1.59 acc/MVM)
2009 DISTRICT 3 yr 3LN	(1.42 acc/MVM)

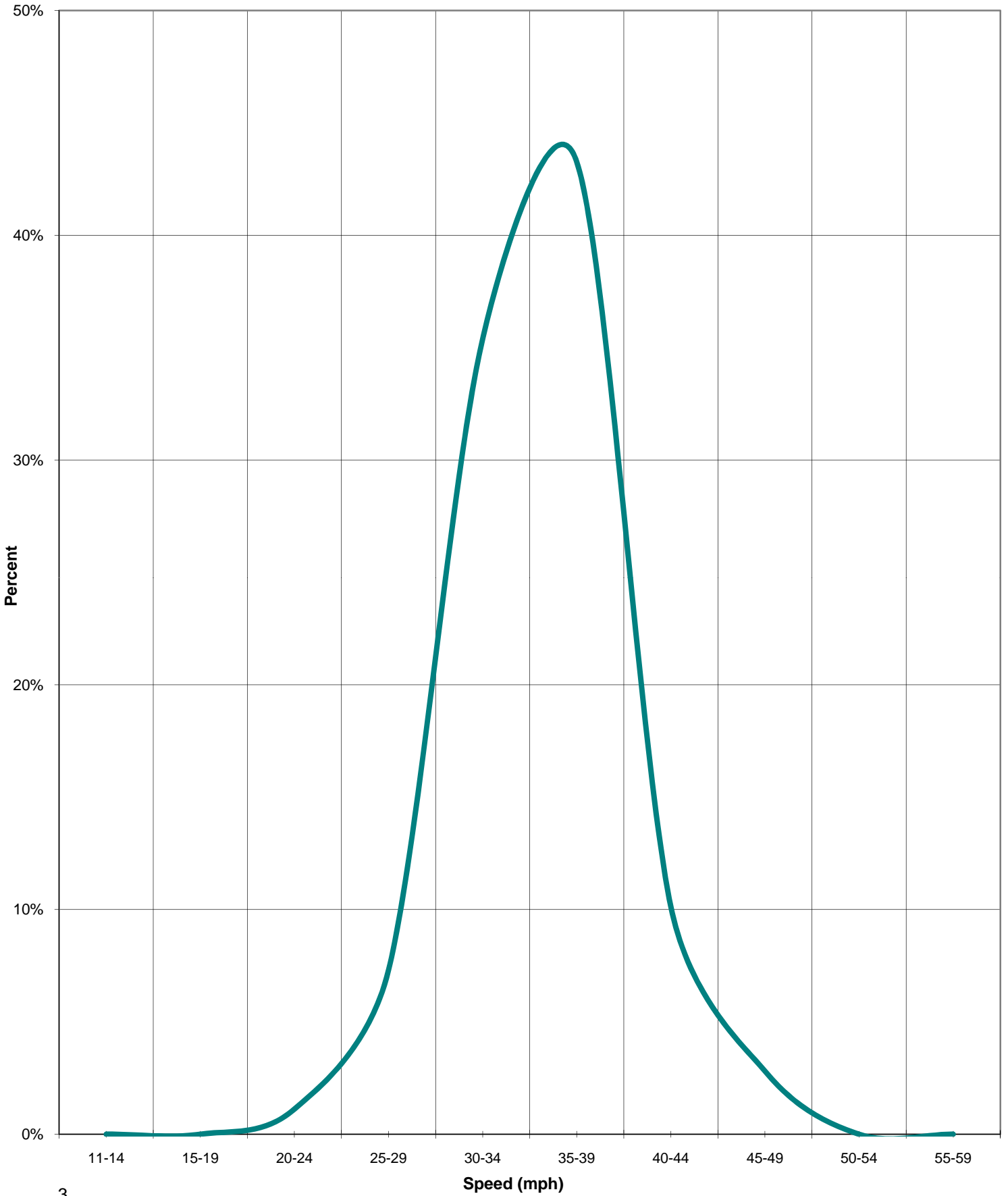
Speed Zone Survey South Hope Avenue

Posted Speed is 35 MPH							
1 (mph)	2 ui	3 fi	4 fiui	5 % class	6 cumulative %	7 fi*ui ²	7 f(ui-u) ²
Speed Range	Class Midvalue	Frequency					
11-14	12	0	0	0.0%	0.0%	0	0
15-19	17	0	0	0.0%	0.0%	0	0
20-24	22	2	44	1.1%	1.1%	968	1936
25-29	27	13	351	7.3%	8.4%	9477	123201
30-34	32	63	2016	35.4%	43.8%	64512	4064256
35-39	37	77	2849	43.3%	87.1%	105413	8116801
40-44	42	18	756	10.1%	97.2%	31752	571536
45-49	47	5	235	2.8%	100.0%	11045	55225
50-54	52	0	0	0.0%	100.0%	0	0
55-59	56	0	0	0.0%	100.0%	0	0
		178	6,251			223,167.0	12,932,955.0
$u = fiui/fi$							
Total Volume		85 Percentile	Mean	Standard Dev.	Median	Skewness Index	
178		38.6	35.1	4.5	34.6	1.00	
10 mph Pace is				30	mph to		40
						6/11/2012 By, J Rousseau	

South Hope Ave
Detector Tube Study
ACUM Chart



South Hope Ave
Detector Tube Study
Bell Chart



City of Santa Barbara

Study by
John Rousseau

Street: Hope Ave 00 South
Type: Speed Survey
Box and Date: C7 Feb 2012

Site:
Tuesday, 2/21/2012, 4:00:00 PM -
Thursday, 2/23/2012, 2:00:00 PM

Volume Grand Totals

Average Hourly Volumes			
	Northbound	Southbound	Combined
12:00 AM	15.0	9.0	24.0
1:00 AM	5.0	4.0	9.0
2:00 AM	5.5	1.0	6.5
3:00 AM	5.5	5.0	10.5
4:00 AM	6.5	3.5	10.0
5:00 AM	12.0	7.0	19.0
6:00 AM	49.0	41.0	90.0
7:00 AM	146.0	113.5	259.5
8:00 AM	283.0	185.5	468.5
9:00 AM	244.0	150.5	394.5
10:00 AM	240.5	149.5	390.0
11:00 AM	277.0	173.0	450.0
12:00 PM	324.5	194.0	518.5
1:00 PM	315.5	207.0	522.5
2:00 PM	330.0	201.0	531.0
3:00 PM	336.0	213.0	549.0
4:00 PM	360.5	227.0	587.5
5:00 PM	370.0	233.0	603.0
6:00 PM	241.0	147.5	388.5
7:00 PM	168.5	82.5	251.0
8:00 PM	127.0	59.0	186.0
9:00 PM	106.0	41.5	147.5
10:00 PM	59.5	19.0	78.5
11:00 PM	31.5	16.0	47.5
ADT	4059.0	2483.0	6542.0

Study Grand Totals		
Northbound	Southbound	Combined
7452	4552	12004
62.1 %	37.9 %	

South Hope - Calle Real to State

Segment length in feet	2,374	
Number of collisions =	8	See below.
AADT	6,550	
Time period in years =	2	04/01/2009 - 03/31/2011
Segment Collision rate =	3.72117	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	4473928 CALLE REAL	HOPE AVE	10/23/2009	0	Not stated	Side swipe
	2	4529970 HOPE AVE	CALLE REAL	12/12/2009	15	North	Other CollType
	3	4901108 CALLE REAL	HOPE AVE	10/6/2010	0	Not stated	Rear end
	4	4983208 HOPE AVE	LA RADA	12/2/2010	0	Not stated	Head on
	5	4542213 HOPE AVE	STATE ST	12/20/2009	0	Not stated	Side swipe
	6	4705986 STATE ST	HOPE AVE	5/14/2010	0	West	Broadside
	7	4918091 HOPE AVE	STATE ST	9/14/2010	320	South	Broadside
	8	4920800 STATE ST	HOPE AVE	10/7/2010	0	Not stated	Rear end