



Bath Street

Traffic & Engineering Survey Summary

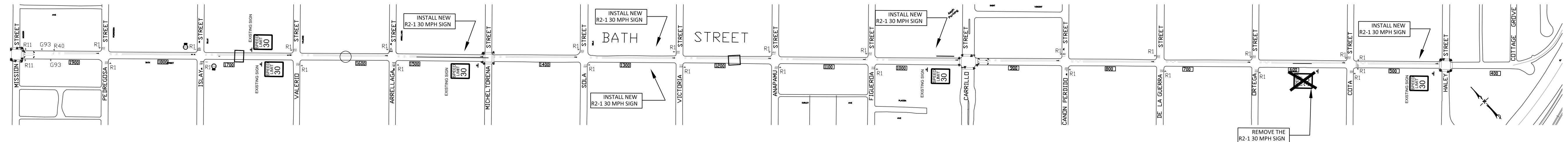
From / To	US 101 NB Off-Ramp to W. Mission Street
FAU Classification	Collector
Width	36 Feet
Length	7,683 Feet
Striping, Parking and Land Use	Bike lane line, edge line, parking on both sides, residential/business
Existing Posted Speed Limit	30 miles per hour (mph)
85th Percentile Speed	30 mph
Pace	21 to 31 mph
Average Daily Traffic	3,722
Special Characteristics	Bike route, high collision rate
Engineer's Determination of Speed Limit	25 mph
Speed Survey Expiry Date:	6/1/2021
Date prepared	6/1/2014 JR/BG

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



10-20-14

GRADIENT
 ROADSIDE DEVELOPMENT RESIDENTIAL BUSINESS/RESIDENTIAL RESIDENTIAL
 REMARKS:



CITY OF SANTA BARBARA



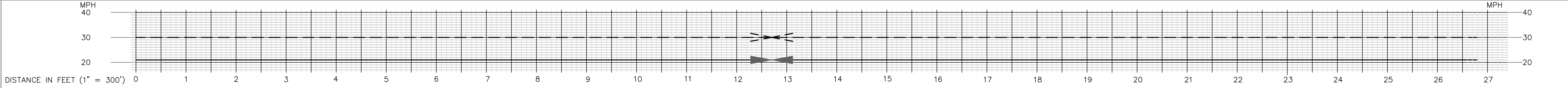
SPEED ZONE SURVEY
Bath Street

FROM US 101 Northbound Off-ramp
 TO West Mission Street
 SCALE: 1" = 300'
 DATE: June 1, 2014
 PREPARED BY: JR/BG

LEGEND

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

ROADWAY WIDTH	36 FEET
AVERAGE DAILY TRAFFIC	3,722
NO. OF STRIPED LANES	ONE LANE WITH BIKE LANE - PARKING BOTH SIDES
TYPE OF DIVISION STRIPE	BIKE LANE LINES - RIGHT EDGE LINE
OBSERVED SPEED CRITICAL	30 MPH - OBSERVED 85th PERCENTILE SPEED
OBSERVED SPEED 10 mph PACE	21 to 31 MPH - OBSERVED 10mph PACE
EXISTING SIGNED ZONE	30 MPH - EXISTING SIGNED ZONE
PROPOSED SPEED LIMIT	30 MPH



SEGMENT COLLISION RATE	4.55 acc/MVM
2009 DISTRICT 5 URBAN 2LN	(1.59 acc/MVM)
2009 STATEWIDE 3 yr 2LN	(1.42 acc/MVM)

City of Santa Barbara
 Bath Street
 N/ Anapamu Street
 24 Hour Directional Speed Survey
 Northbound

SBA004S
 Site Code: 213-13381
 Date Start: 09-Oct-13
 Date End: 09-Oct-13

Start Time	0	16	21	26	31	36	41	46	51	56	61	66	71	Total
	15	20	25	30	35	40	45	50	55	60	65	70	75	
10/09/13	0	2	3	11	0	6	1	0	0	0	0	0	0	23
01:00	0	2	2	6	3	1	1	0	0	0	0	0	0	15
02:00	1	0	0	2	1	0	0	0	0	0	0	0	0	4
03:00	0	2	1	2	2	1	1	0	0	0	0	0	0	9
04:00	0	1	6	3	0	0	0	0	0	0	0	0	0	10
05:00	0	1	0	9	6	0	0	0	0	0	0	0	0	16
06:00	4	5	17	15	12	2	0	0	0	0	0	0	0	55
07:00	8	22	46	72	21	4	1	0	0	0	0	0	0	174
08:00	8	20	66	111	20	1	0	0	0	0	0	0	0	226
09:00	8	24	75	89	32	5	0	0	0	0	0	0	0	233
10:00	4	12	64	96	33	5	0	0	0	0	0	0	0	214
11:00	2	25	80	106	36	4	0	0	0	0	0	0	0	253
12 PM	6	24	85	108	31	5	1	0	0	0	0	0	0	260
13:00	2	5	76	145	39	0	0	0	0	0	0	0	0	267
14:00	5	22	80	147	35	3	0	1	0	0	0	0	0	293
15:00	7	28	117	118	39	5	0	0	0	0	0	0	0	314
16:00	6	28	100	135	36	6	1	0	0	0	0	0	0	312
17:00	7	14	124	162	44	2	0	0	0	0	0	0	0	353
18:00	13	30	99	139	33	3	0	0	0	0	0	0	0	317
19:00	8	12	74	138	29	4	0	0	0	0	0	0	0	265
20:00	12	13	68	77	25	4	0	0	0	0	0	0	0	199
21:00	3	7	50	87	24	0	0	0	0	0	0	0	0	171
22:00	3	3	26	45	14	4	0	0	0	0	0	0	0	95
23:00	2	4	9	33	11	1	1	0	0	0	0	0	0	61
Total	109	306	1268	1856	526	66	7	1	0	0	0	0	0	4139
Total	109	306	1268	1856	526	66	7	1	0	0	0	0	0	4139

15th Percentile : 21 MPH
 50th Percentile : 27 MPH
 85th Percentile : 30 MPH
 95th Percentile : 34 MPH

Statistics
 Mean Speed(Average) : 26 MPH
 10 MPH Pace Speed : 21-30 MPH
 Number in Pace : 3124
 Percent in Pace : 75.5%
 Number of Vehicles > 55 MPH : 0
 Percent of Vehicles > 55 MPH : 0.0%

City of Santa Barbara
 Bath Street - One Way
 N/ Pedergosa Street

SBA009
 Site Code: 213-13381
 Date Start: 09-Oct-13
 Date End: 09-Oct-13

24 Hour Directional Volume Count

Start Time	09-Oct-13 Wed	Northbound		Hour Totals		Hour Totals		Combined Totals		Morning	Afternoon
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon		
12:00		4	59			0	0				
12:15		8	53			0	0				
12:30		3	56			0	0				
12:45		5	59	20	227	0	0	0	0	20	227
01:00		2	59			0	0				
01:15		0	52			0	0				
01:30		2	52			0	0				
01:45		2	44	6	207	0	0	0	0	6	207
02:00		0	50			0	0				
02:15		1	62			0	0				
02:30		3	63			0	0				
02:45		0	77	4	252	0	0	0	0	4	252
03:00		1	89			0	0				
03:15		2	65			0	0				
03:30		1	70			0	0				
03:45		0	70	4	294	0	0	0	0	4	294
04:00		2	74			0	0				
04:15		2	62			0	0				
04:30		3	68			0	0				
04:45		5	84	12	288	0	0	0	0	12	288
05:00		4	95			0	0				
05:15		6	80			0	0				
05:30		14	87			0	0				
05:45		10	51	34	313	0	0	0	0	34	313
06:00		16	67			0	0				
06:15		33	65			0	0				
06:30		33	53			0	0				
06:45		29	47	111	232	0	0	0	0	111	232
07:00		50	48			0	0				
07:15		80	44			0	0				
07:30		91	25			0	0				
07:45		80	49	301	166	0	0	0	0	301	166
08:00		71	28			0	0				
08:15		72	38			0	0				
08:30		85	30			0	0				
08:45		63	36	291	132	0	0	0	0	291	132
09:00		60	27			0	0				
09:15		55	31			0	0				
09:30		38	22			0	0				
09:45		56	22	209	102	0	0	0	0	209	102
10:00		38	25			0	0				
10:15		53	19			0	0				
10:30		59	16			0	0				
10:45		44	14	194	74	0	0	0	0	194	74
11:00		56	6			0	0				
11:15		60	10			0	0				
11:30		52	7			0	0				
11:45		49	9	217	32	0	0	0	0	217	32
Total		1403	2319	1403	2319	0	0	0	0	1403	2319
Combined Total		3722		3722		0		0		3722	
AM Peak		07:15									
Vol.		322									
P.H.F.		0.885									
PM Peak			04:45								
Vol.			346								
P.H.F.			0.911								
Percentage		37.7%	62.3%			0.0%	0.0%				
ADT/AADT		ADT 3,722		AADT 3,722							

Bath Street

Cottage Grove to Mission

Segment length in feet	7,683	
Number of collisions =	27	See below.
AADT	3,722	
Time period in years =	3	01/01/2010-12/31/2012
Segment Collision rate =	4.55278	ACC/MVM
2009 District 5 Urban 2LN =	1.59	ACC/MVM
2009 Statewide 3 yr 2LN =	1.42	ACC/MVM

<u>CASE ID</u>	<u>STREET 1</u>	<u>STREET 2</u>	<u>DATE</u>	<u>DIR FROM INT</u>	<u>DISTANCE</u>	<u>COLL TYPE</u>
4729376	BATH ST	CANON PERDIDO ST	5/22/2010	Not stated	0	Side swipe
4893391	BATH ST	CARRILLO ST	9/3/2010	Not stated	0	Other CollType
5117685	BATH ST	ARRELAGA ST	3/13/2011	Not stated	0	Broadside
4752467	BATH ST	HALEY ST	4/6/2011	Not stated	0	Side swipe
5183318	BATH ST	HALEY ST	5/3/2011	Not stated	0	Side swipe
5420775	BATH ST	MICHELTORENA ST	10/18/2011	Not stated	0	Broadside
5404469	BATH ST	MICHELTORENA ST	10/24/2011	Not stated	0	Rear end
5484609	BATH ST	COTA ST	1/8/2012	Not stated	0	Other CollType
5487556	BATH ST	CARRILLO ST	2/3/2012	Not stated	0	Rear end
5528749	BATH ST	ANAPAMU ST	2/21/2012	Not stated	0	Broadside
5616100	MICHELTORENA ST	BATH ST	5/3/2012	Not stated	0	Auto-ped
5665976	BATH ST	ANAPAMU ST	5/4/2012	Not stated	0	Auto-ped
5616005	BATH ST	ORTEGA ST	5/6/2012	Not stated	0	Hit object
5675699	BATH ST	HALEY ST	6/25/2012	Not stated	0	Broadside
5791556	BATH ST	ARRELAGA ST	8/9/2012	Not stated	0	Auto-ped
5791548	BATH ST	FIGUEROA ST	8/9/2012	Not stated	0	Side swipe
5813842	CARRILLO ST	BATH ST	8/31/2012	Not stated	0	Auto-ped
5404544	BATH ST	ARRELAGA ST	10/12/2011	North	9	Hit object
4657116	BATH ST	MICHELTORENA ST	3/2/2010	North	10	Auto-ped
5754064	BATH ST	PEDREGOSA ST	7/13/2012	North	36	Side swipe
5800008	BATH ST	CARRILLO ST	9/26/2012	North	48	Hit object
5124346	BATH ST	MISSION ST	3/10/2011	North	50	
4979445	BATH ST	COTTAGE GROVE AVE	11/17/2010	Not stated	0	Broadside
5117693	HALEY ST	BATH ST	3/14/2011	West	9	Auto-ped
4752467	BATH ST	HALEY ST	4/6/2011	Not stated	0	Side swipe
5183318	BATH ST	HALEY ST	5/3/2011	Not stated	0	Side swipe
5675699	BATH ST	HALEY ST	6/25/2012	Not stated	0	Broadside