



Meigs Road

Traffic & Engineering Survey Summary

From / To	Cliff Drive to Salida Del Sol
FAU Classification	Collector
Width	63 Feet
Length	2330 Feet
Striping, Parking and Land Use	Two-way left turn lane, bike lanes, white edge lines, partial parking on both sides. Residential, school and City Park
Existing Posted Speed Limit	35 miles per hour (mph)
85th Percentile Speed	30.0 mph
Pace	20 to 30 mph
Average Daily Traffic	5,940
Special Characteristics	85th Percentile Speed
Engineer's Determination of Speed Limit	30 miles per hour (mph)
Speed Survey Expiry Date:	6/1/2021
Date prepared	6/1/2014 JR

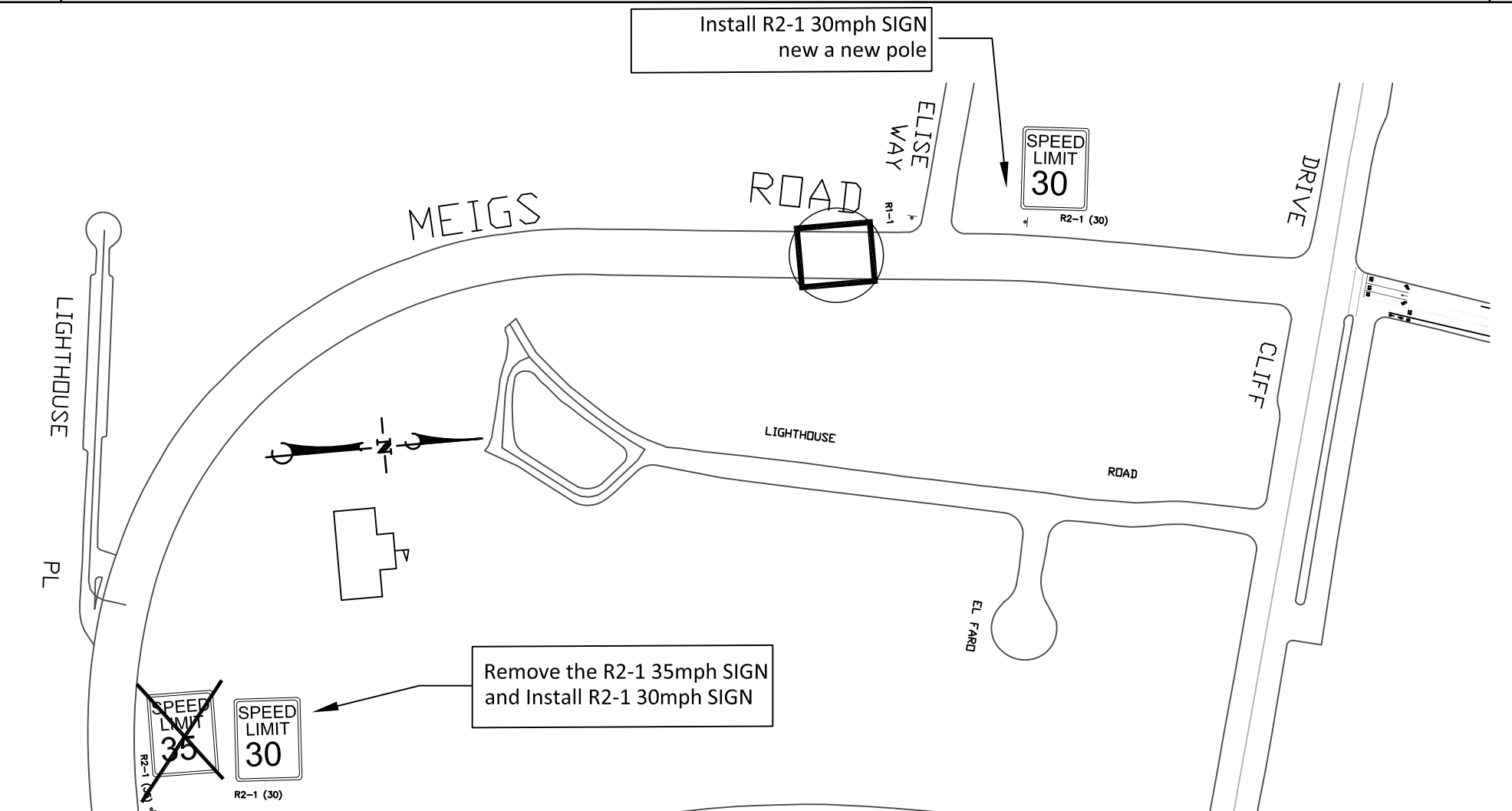
City of Santa Barbara
Derrick Bailey P.E., T.E.
Supervising Transportation Engineer
Registered Civil Engineer Number C 65726



9.10.14

GRADIENT
ROADSIDE DEVELOPMENT
REMARKS:

RESIDENTIAL BUSINESS/RESIDENTIAL



CITY OF SANTA BARBARA



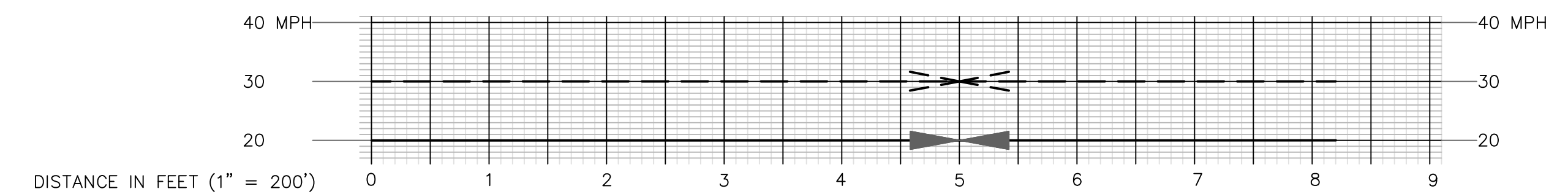
SPEED ZONE SURVEY
Meigs Road

FROM Cliff Drive
TO Salida Del Sol
SCALE: 1" = 200'
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	63 FEET
AVERAGE DAILY TRAFFIC	5,940
NO. OF STRIPED LANES	TWO-WAY LEFT TURN LANE - BIKE LANES - PARKING ON BOTH SIDES
TYPE OF DIVISION STRIPE	BIKE LANES LINES - EDGE LINES
OBSERVED SPEED CRITICAL	30.0 MPH - OBSERVED 85th PERCENTILE SPEED
OBSERVED SPEED 10 mph PACE	20 to 30 MPH - OBSERVED 10mph PACE
EXISTING SIGNED ZONE	35 MPH - EXISTING SIGNED ZONE
PROPOSED SPEED LIMIT	30 MPH



SEGMENT COLLISION RATE	01.04 acc/MVM
2009 DISTRICT 5 URBAN 2LN	(1.59 acc/MVM)
2009 STATEWIDE 3 yr 2LN	(1.42 acc/MVM)



300 Meigs Road

June 3, 2014 Cliff Drive to Salida Del Sol - Both Directions Posted Speed is 30 MPH

1 (mph)	2 ui	3 fi	4 fui	5 % class	6 cumulative %	7 fi*ui^2	8 f(ui-u)^2
Speed Range	Class Midvalue	Frequency					
11-14	12	12	144	2.3%	2.3%	1728	20736
15-19	17	74	1258	14.0%	16.3%	21386	1582564
20-24	22	147	3234	27.8%	44.1%	71148	10458756
25-29	27	186	5022	35.2%	79.4%	135594	25220484
30-34	32	93	2976	17.6%	97.0%	95232	8856576
35-39	37	14	518	2.7%	99.6%	19166	268324
40-44	42	1	42	0.2%	99.8%	1764	1764
45-49	47	1	47	0.2%	100.0%	2209	2209
50-54	52	0	0	0.0%	100.0%	0	0
55-59	56	0	0	0.0%	100.0%	0	0
		528	13,241			348,227.0	46,411,413.0
$u = f_{ui}/f_i$							
Total Volume		85 Percentile	Mean	Standard Dev.	Median	Skewness Index	
528		30.0	25.1	5.5	24.7	0.92	
		10 mph Pace	20	mph to	30	mph	
						Prepared By	J Rousseau

300 Meigs Road
Average Daily Traffic

Data	
Starting Hour	Count
12:00:00 AM	9
1:00:00 AM	0
2:00:00 AM	2
3:00:00 AM	4
4:00:00 AM	4
5:00:00 AM	25
6:00:00 AM	62
7:00:00 AM	90
8:00:00 AM	134
9:00:00 AM	148
10:00:00 AM	162
11:00:00 AM	208
12:00:00 PM	183
1:00:00 PM	169
2:00:00 PM	168
3:00:00 PM	161
4:00:00 PM	225
5:00:00 PM	264
6:00:00 PM	201
7:00:00 PM	154
8:00:00 PM	108
9:00:00 PM	89
10:00:00 PM	39
11:00:00 PM	16
Grand Total	2625

Data	
Starting Hour	Count
12:00:00 AM	13
1:00:00 AM	3
2:00:00 AM	6
3:00:00 AM	1
4:00:00 AM	8
5:00:00 AM	28
6:00:00 AM	81
7:00:00 AM	156
8:00:00 AM	197
9:00:00 AM	171
10:00:00 AM	192
11:00:00 AM	197
12:00:00 PM	220
1:00:00 PM	191
2:00:00 PM	217
3:00:00 PM	232
4:00:00 PM	232
5:00:00 PM	274
6:00:00 PM	251
7:00:00 PM	251
8:00:00 PM	197
9:00:00 PM	90
10:00:00 PM	71
11:00:00 PM	32
Grand Total	3311

ADT

5936

Meigs - Cliff to Salida Del Dol

Segment length in feet	2,343	
Number of collisions =	3	See below.
AADT	5,940	
Time period in years =	3	01/01/2010-12/31/2012
Segment Collision rate =	1.03940	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	5089076 MEIGS RD	CLIFF DR	2/8/2011	50	North	Rear end
	2	5231873 MEIGS RD	CLIFF DR	6/16/2011	50	East	Over-turned
	3	5440247 MEIGS RD	CLIFF DR	12/15/2011	0	Not stated	Auto-ped