

## STAFF REPORT

**SUBJECT:** Traffic Count Program

**MEETING DATE:** November 1, 2007

**AGENDA ITEM:** 13

**RECOMMENDATION:** Receive traffic count program schedule for 2007-08

**STAFF CONTACT:** Bill Yim, Andrew Orfila

### SUMMARY

Working closely with Caltrans and local agency public works staff, SBCAG maintains a traffic count program to keep traffic volume data up to date on the County's regionally significant roadways. The program requires Caltrans and the local agencies to submit 7-day traffic volume counts on a designated set of streets on a seasonal basis. This staff report summarizes the count schedule for 2007-2008 (October 2007 through September 2008) and provides some background on the program.

### DISCUSSION

The SBCAG traffic count program can be broken down into:

- 1) Requirements on the State Highway system, which are to be provided by Caltrans staff, and
- 2) Requirements on local roads of regional significance, which are typically provided by local agency public works staff.

SBCAG also requires that local agencies submit P.M. peak hour intersection counts at specific intersections as part of the annual Congestion Management Program conformance assessment. The requirements for the 2007 monitoring year are included in this staff report for reference.

## Caltrans District 5 Count Program

There are approximately 50 count stations for which Caltrans collects hourly volume data on its facilities throughout the County. Traffic counts at these stations are submitted on either an annual basis or once every three years (triennially). Within each year, SBCAG requests that the count be completed for two weeks within each season. There are some locations where data is collected monthly (U.S. 101 at the Las Positas interchange, for example) and some where data is collected only three times a year (U.S. 101 south of Route 1, for example). The Caltrans count schedule and diagrams illustrating the count station locations are attached.

## Local Streets Count Program

### *County Screenline and Cordon Monitoring*

Local agency Public Works staff is required to provide traffic count data on the regionally significant streets and roads within their jurisdiction on a rotating odd-year/even-year cycle, depending on which designated screenline or cordon these locations are classified as. There are also some locations on state highways where Caltrans will be responsible for providing the data. The locations are grouped into screenlines and cordons for model calibration purposes. The local streets count schedule for this year (2007/08) and diagrams illustrating the locations for the screenlines and cordons are attached.

### *Congestion Management Program (CMP) Intersection Monitoring*

The Congestion Management Program requires local agencies to monitor P.M. peak hour conditions at regionally significant intersections. It should be noted that staff provided the intersection monitoring information to TTAC in April 2007. The intersection count data should be provided to SBCAG staff by **March 14, 2008**. The requirements for the 2007 monitoring year are attached for reference.

## Local Agency Contacts

Staff requests that TTAC members confirm the individuals SBCAG can work with in obtaining the required count data. The following table shows the individuals that staff has worked with in past years.

<b>Agency</b>	<b>Contact</b>
County of Santa Barbara	Dan Kerr (Roadway counts) William Robertson (Intersection counts)
Santa Maria	David Beas Tom Korman
Lompoc	John Fuentes
Solvang	Brad Vidro
Buellton	Jeff Edwards
Goleta	Jim Biega
Santa Barbara	John Rousseau (Roadway counts) Jin-Song Qi (Intersection counts)
Carpinteria	Dale Lipp

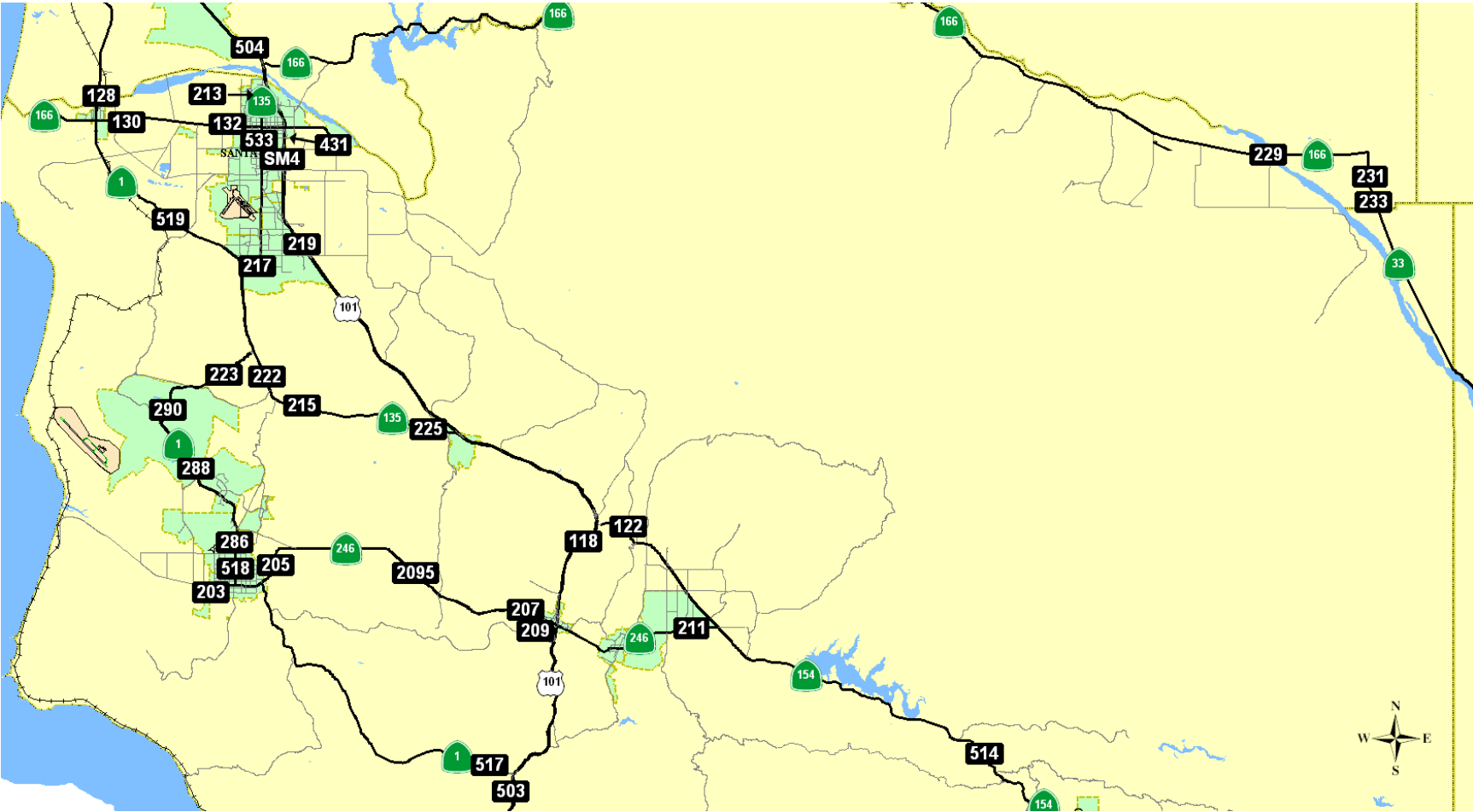
**2007/08 SBCAG TRAFFIC COUNT PROGRAM SCHEDULE  
FOR THE STATE HIGHWAY SYSTEM**

**Table 1  
Caltrans Count Schedule for Regionally-Significant State Highways**

ID #	Location	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
<b>CONTROL STATIONS - ANNUAL</b>													
501	Route 101 n/o Route 150	X	X	X	X	X	X	X	X	X	X	X	X
502	Route 101 n/o L. Positas	X	X	X	X	X	X	X	X	X	X	X	X
503	Route 101 s/o Route 1			X			X			X			
514	Route 154 e/o Camino Cielo Rd.			X			X			X			
517	Route 1 w/o Route 101	X			X			X			X		
518	Route 1 n/o Route 246		X			X			X			X	
519	Route 1 n/o Black Rd.	X			X			X			X		
533	Route 135 s/o Main St.	X			X			X			X		
539	Route 1 VAFB Main Gate		X			X			X			X	
W3	Route 101 e/o Salinas St.	X			X			X			X		
SM4	Route 101 n/o Betteravia Rd.	X	X		X	X		X	X		X	X	
<b>CONTROL STATIONS - Year ONE (2008/09)</b>													
504	Route 101 n/o Rte 166		X			X			X			X	
102	Route 192 e/o Route 154			X			X			X			
104	Route 192 e/o Mountain Dr.			X			X			X			
106	Route 192 e/o Hot Springs Rd.			X			X			X			
108	Route 192 e/o Freehaven Dr.			X			X			X			
110	Route 192 e/o Linden Ave			X			X			X			
111	Route 192 w/o Linden e/o H.School			X			X			X			
120	Route 101 s/o Glen Annie-Storke	X			X			X			X		
122	Route 154 e/o Route 101 (north junction)			X			X			X			
124	Route 154 n/o Route 101 (south junction)			X			X			X			
126	Route 217 at UCSB entrance	X			X			X			X		
431	Route 101 n/o Stowell Rd.		X			X			X			X	
<b>CONTROL STATIONS - Year TWO (2009/10)</b>													
203	Route 246 w/o H St.		X			X			X			X	
205	Route 246 e/o Route 1		X	X		X	X		X	X		X	
207	Route 246 w/o Avenue of the Flags		X			X			X			X	
209	Route 246 e/o Avenue of the Flags		X			X			X			X	
211	Route 246 w/o Route 154	X		X	X		X	X		X	X		
217	Route 135 n/o Route 1	X			X			X			X		
219	Route 101 n/o Clark Ave.	X			X			X			X		
222	Route 135 s/o jct new Rte 1	X			X			X			X		
223	Route 1 n/o Vandenberg Access Rd	X			X			X			X		
281	Route 150 e/o Route 101			X			X			X			
286	Route 1 Lompoc/Casmalia Old Rte 1		X			X			X			X	
288	Lompoc/Casmalia Rd n/o Santa Lucia Cyn Rd		X			X			X			X	
503	Route 101 s/o Route 1			X			X			X			
<b>CONTROL STATIONS - Year THREE (2007/08)</b>													
116	Route 225 s/o Modoc Rd.			X			X			X			
118	Route 101 s/o Route 154 (north junction)			X			X			X			
128	Route 1 n/o Route 166	X			X			X			X		
130	Route 166 e/o Rte 1	X			X			X			X		
132	Route 166 e/o Lincoln St.	X			X			X			X		
213	Route 135 w/o Route 101 (south junction)		X			X			X			X	
215	Route 135 s/o Route 1		X			X			X			X	
225	Route 135 w/o Route 101 (north junction)	X			X			X			X		
290	Route 1 VAFB Main Gate		X			X			X			X	
292	Vandenberg Rd s/o Route 135 jcn		X			X			X			X	
229	Route 166 EB Jct Rt 33 (74.72B)			X			X			X			
231	Route 33 NB Jct Rt. 266 Cuyama (2.80A)			X			X			X			
233	Route 33 NB Jct Rt. 266 Cuyama (2.78B)			X			X			X			
503	Route 101 s/o Route 1			X			X			X			
<b>STATIONS REQUIRING COORDINATION W/ CALTRANS</b>													
Prof.	Rt1 s/o SY River (PM22.52, B Leg, Profile)	D5 t tp provide a list and schedule											
2095	Rt 246 Betw BUE & LPC		X			X			X			X	
202	Route 246 w/o Arguello Gate		X			X			X			X	
282	Route 246 e/o Arguello Gate		X			X			X			X	

**Bold** locations required for this year (2007/08).

State Highway Traffic Count Stations – North County

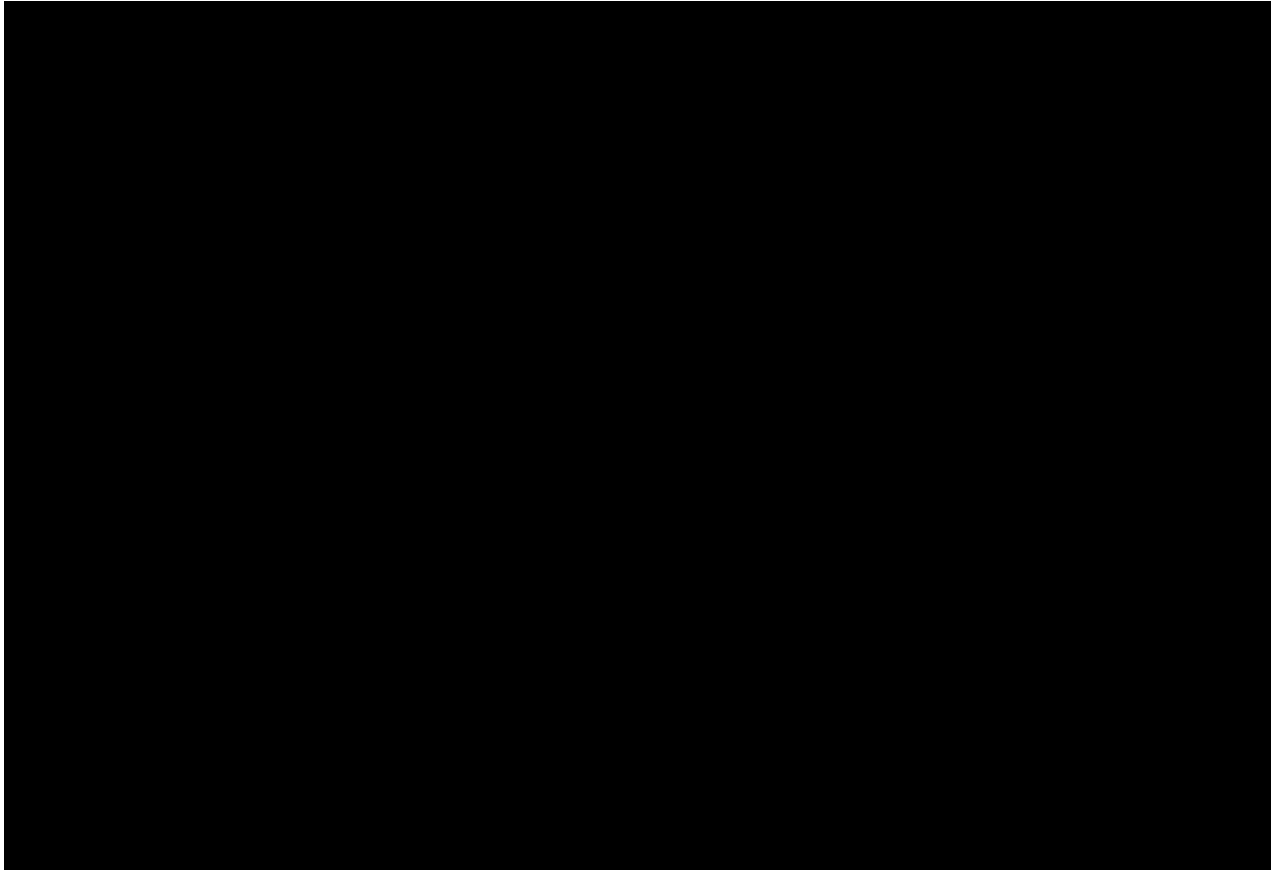


### State Highway Traffic Count Stations – South County



**2007/08 SBCAG TRAFFIC COUNT PROGRAM SCHEDULE  
SCREENLINES AND CORDONS**

**Table 2**  
**Even Year Screenline and Cordon Count Schedule (FY 2007-08)**



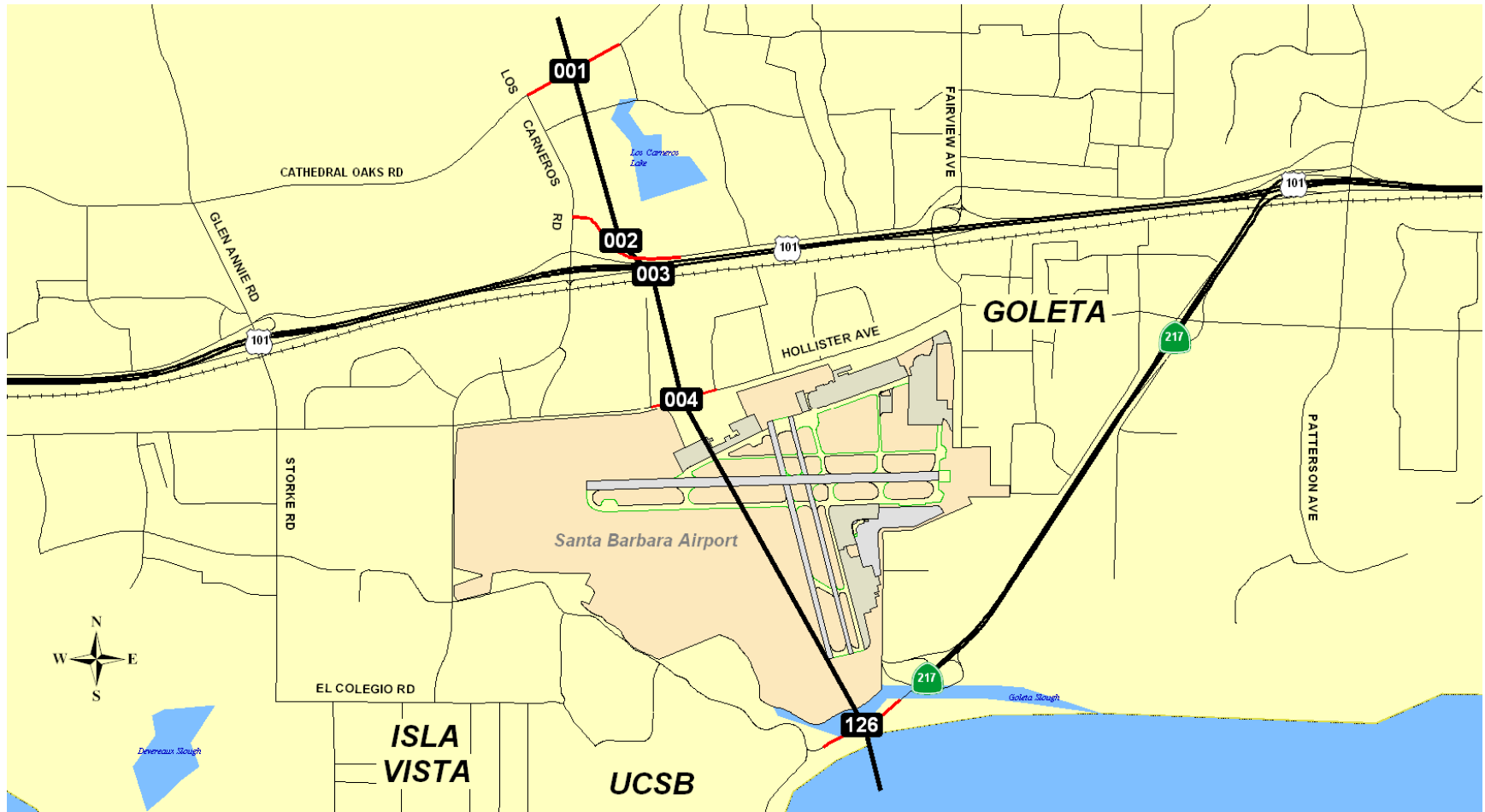
# Arroyo Burro Screenline



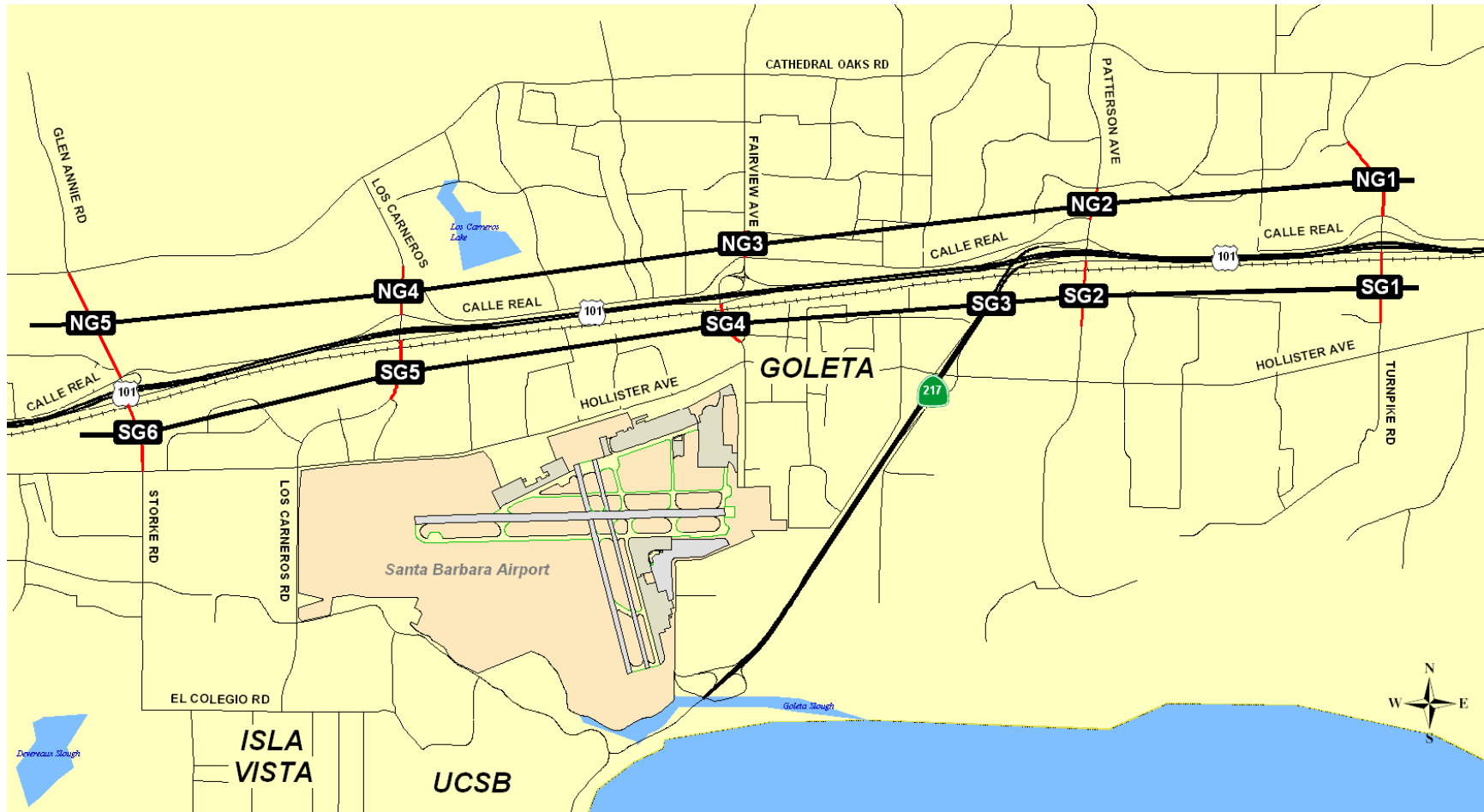
# Westmont Screenline



# Santa Barbara Airport Screenline



### North & South Goleta Screenlines\*



\*Note: South Goleta Screenline counts not required this year (2007/08).

# Santa Maria Screenline



# North Santa Maria Screenline



**YEAR 2007 CONGESTION MANAGEMENT PROGRAM**  
**MONITORING REQUIREMENTS**  
**P.M. PEAK HOUR TURNING MOVEMENT COUNTS**

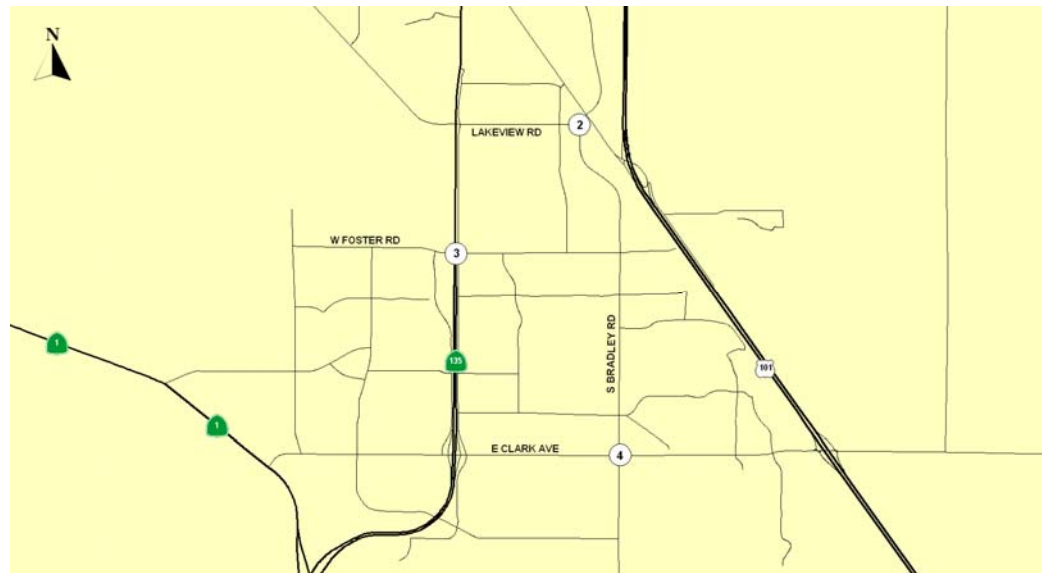
# 2007 CONGESTION MANAGEMENT PROGRAM MONITORING BY JURISDICTION

## COUNTY OF SANTA BARBARA South County



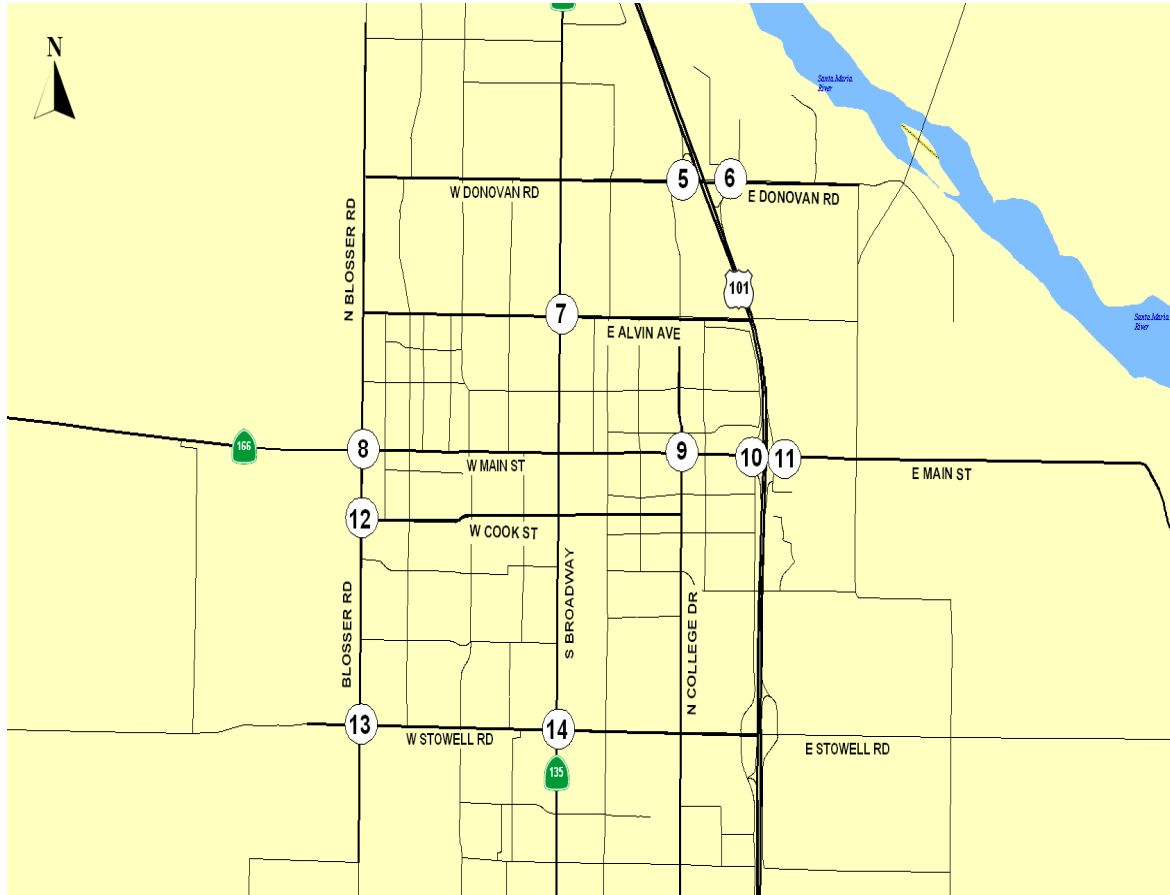
1. San Ysidro Road / East Valley Road-Route 192

## North County



2. Bradley Road / Lakeview Road
3. Orcutt Expwy.-Route 135 / Foster Road
4. Bradley Road / Clark Avenue

## SANTA MARIA



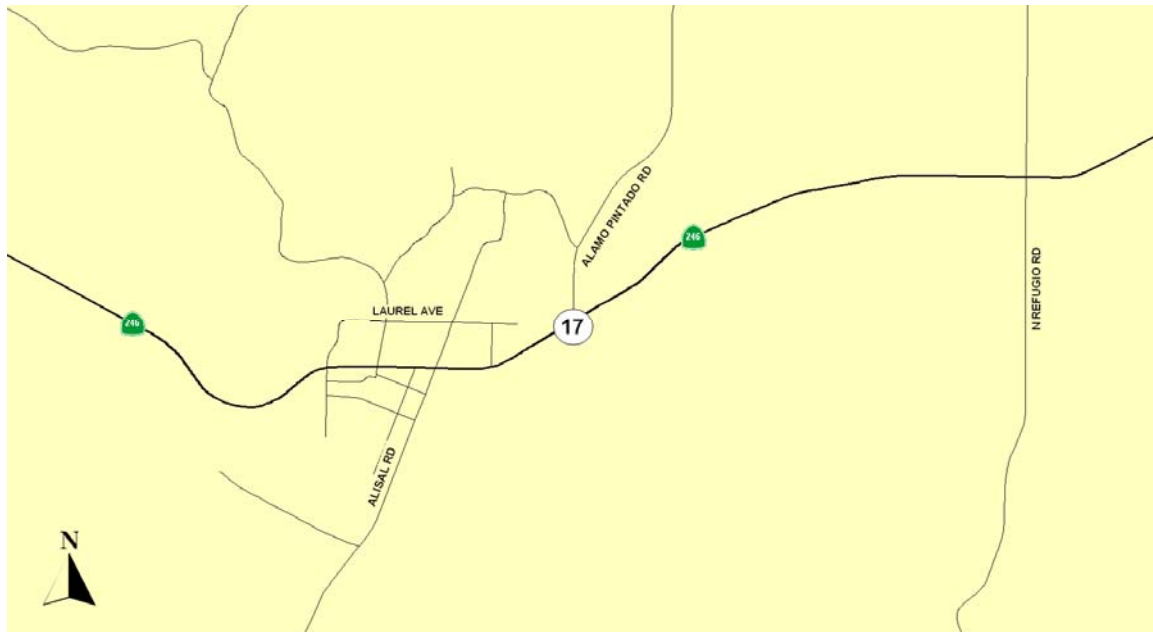
5. Donovan Road / U.S. 101 SB Ramps
6. Donovan Road / U.S. 101 NB Ramps
7. Alvin Avenue / S. Broadway-Route 135
8. Main Street-Route 166 / Blosser Road
9. Main Street-Route 166 / College Drive
10. Main Street-Route 166 / U.S. 101 SB Ramps-Bradley Road
11. Main Street-Route 166 / U.S. 101 NB Ramps
12. Cook Street / S. Broadway-Route 135
13. Stowell Road / Blosser Road
14. Stowell Road / S. Broadway-Route 135

## LOMPOC



- 15. H Street-Route 1 / Central Avenue
- 16. H Street-Route 1 / North Avenue

## SOLVANG



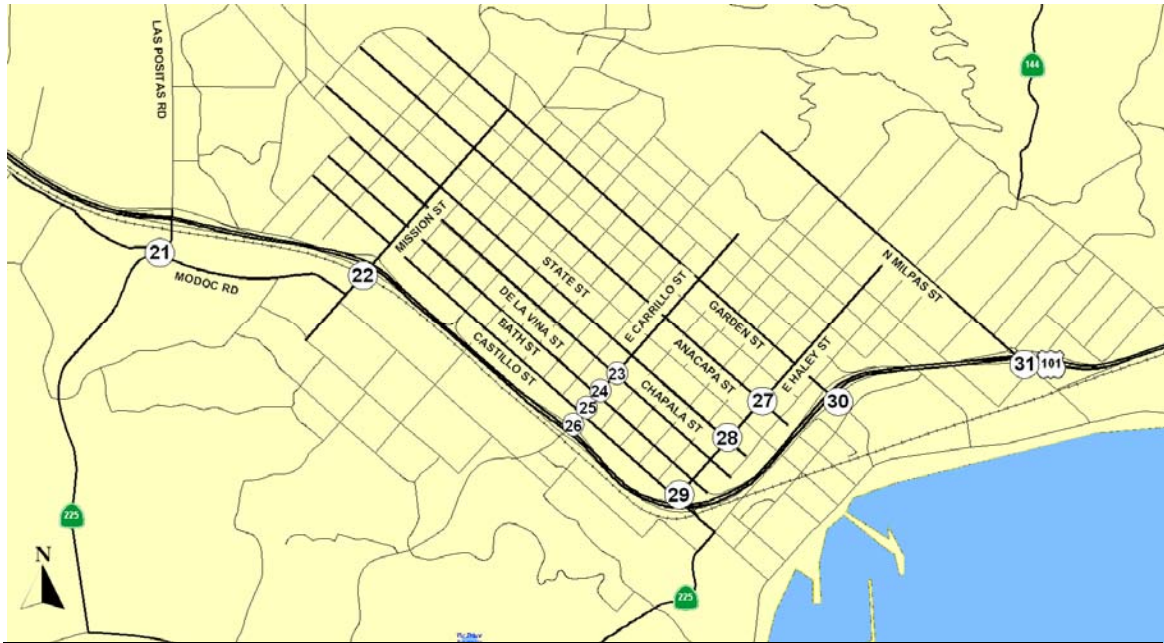
- 17. Route 246 / Alamo Pintado Road

## CITY OF GOLETA



18. Los Carneros Road / U.S. 101 SB Ramps
19. Fairview Avenue / U.S. 101 NB Ramps
20. Patterson Avenue / U.S. 101 SB Ramps

## CITY OF SANTA BARBARA



21. Las Positas Road / Modoc Road
22. Mission Street / U.S. 101 SB Ramps
23. Carrillo Street / De La Vina Street
24. Carrillo Street / Bath Street
25. Carrillo Street / Castillo Street
26. Carrillo Street / U.S. 101 NB Ramps
27. Anacapa Street / Haley Street
28. Chapala Street / Haley Street
29. Castillo Street / U.S. 101 NB On-Ramp-Haley Street
30. Milpas Street / U.S. 101 SB Off-Ramp