# San Luis Obispo County Bicycle Advisory Committee Final Agenda - Tuesday, May 14<sup>th</sup>, 2019 at 5:30 p.m.

County Government Center, 1055 Monterey St. Room 161/162, San Luis Obispo, CA 93408

The Bicycle Advisory Committee promotes the expanded use of bicycle transportation by working together with County staff to develop the County Bikeways Plan, reviewing the Plan and presenting a recommendation to the Board of Supervisors for its adoption; by reviewing the policies and programs related to bicycling in the Circulation Element of the County General Plan and Local Coastal Plan and making recommendations on the goals and their implementation to the Board of Supervisors; and by reviewing the policies and programs related to bicycling in the Bikeways Element of the Regional Transportation Plan and providing input to the Board of Supervisors on the goals and their implementation.

#### 1. Call to order/ Thank you

#### 2. Roll Call

Heidi Wicka (District 1), Robin Culver (District 1), Josh Olejczak (District 2), Vacant (District 2), Dale Sutliff (Chairperson, District 3), Myron "Skip" Amerine (Vice Chairperson, District 3), Bill Kennedy (District 4), VACANT (District 4), Claudia Callwood (District 5), Ed Goshorn (District 5)

## 3. Introductions

## 4. Approval of February 19, 2019 Meeting Minutes

## 5. **Public Comment** (Limit to 4 minutes; any Q&A from BAC)

Members of the audience wishing to address the Board on pertinent matters other than scheduled agenda items may do so now when recognized by the Chair. Upon recognition by the Chair, please state your name and address. Comments are limited to three minutes. In accordance with the Brown Act, the Board cannot discuss any matter unless it is listed on the agenda, but may agendize such matters for consideration at a future meeting.

#### 6. **Presentations**

Navigating the Planning Department Website for Referrals – Hilary Brown

### 7. **Committee/Staff Reports** (5 min. max., agendize longer items)

- I. County Public Works
  - -Revised Five year Pavement Overlay List
- II. BAC Chairperson
- III. CHP
- IV. Air Pollution Control District
- V. County Parks
- VI. SLOCOG
- VII. County Planning
- VIII. Caltrans

#### 8. BAC Business & Discussion

- A. Los Osos Valley Road Multi-Use Path from Doris Avenue to Palisades Avenue
- B. Updated Bike Plan Ranking Public Works/BAC
- C. Countywide Bicycle Detection at Traffic Signals Public Works

#### 9. Project Updates (see staff report)

## 10. Future Agenda Items

Agenda items to be submitted to chair and secretary at least two (2) weeks before scheduled meeting. Agenda Item requests to include desired recommendation and discussion as well as any other items to be included in the staff report.

A. Bob Jones Trail Update - Parks

## 11. Adjourn - Next meeting - August 13, 2019

## SAN LUIS OBISPO COUNTY BICYCLE ADVISORY COMMITTEE

Staff Report – May 14, 2019
County Government Center
1055 Monterey Street, Room 161
San Luis Obispo, CA 93401

## I. Discussion of LOVR Multi-use Path

At previous Bicycle Advisory Committee meetings, as well as the Los Osos Advisory Council, residents of Los Osos have voiced the need for a multi-use trail along the north side of Los Osos valley Road (LOVR). This trail would, at a minimum, connect the Monarch Elementary School with the Los Osos Community Park. Approximately length is 0.66 miles.

The original Bikeway Plan did include a Class I trail in this segment of LOVR. It was subsequently dropped in the early 2000's in favor of just having Class II bike lanes. The concept for this trail has been a clear need in the community as there are no pedestrian facilities in this segment of LOVR. Public Works has done preliminary review for such installation. While right of way width can clearly support trail construction from Palisades Avenue, west to Broderson Avenue, the existing right of way is constricted from Broderson Avenue to Doris Avenue. Residential parcels on the northside of the street may be subject to 20 foot wide acquisitions to support trail construction.

Before a project could move forward within these limits, the following plans must be adopted:

- 1. Los Osos Community Plan; approved by the California Coastal Commission.
- 2. Habitat Conservation Plan (HCP) (for Shoulder Banded Dune Snail); approved by US Fish & Wildlife

The current community plan does not show this proposed trail and therefore would not be consistent with the coastal plan. The proposed Community Plan does indicate the trail in the future. Realistic completion of these plans would not be until the latter half of 2021 (at the earliest). Nonetheless, planning can proceed based on the draft plans that are expected to be adopted.

The attached exhibit indicates the limits, proposed cross-section and parcel impacts of the trail. At Ravenna Avenue, a significant drainage course would require a free span bridge for a distance of 40 feet. Trail crossing at Pine Avenue intersection would be a concern for operations. Los Osos Circulation Study indicates this will likely be signalized in future buildout condition. Probable cost estimate for installation of the Class I would include:

<u>Item</u>	Costs (2019)
Paved Path (3400' x 12') Bridge, Steel (40'x12') Right of Way Acquisition Mitigation (HCP) Environmental Document Construction Documents Construction Management/Staking Contingency (25%)	\$ 250,000 \$ 135,000 \$ 250,000 \$ 50,000 \$ 85,000 \$ 150,000 \$ 125,000 \$ 265,000
Total	\$ 1,310,000

The BAC should discuss the need to add this into the Bikeway Plan as a Class I trail. Whether it is then necessary to continue with Class II trails in this section. As discussed at previous BAC meetings, the eastbound direction Class II bike lane is currently operating within daytime regulations; night time parking is allowed to support adjacent residential properties.

Finally, if the BAC includes the Class I facility, the BAC would need to rank this facility among the future projects list. Project, if added, would be potential Active transportation Program grant candidate based on a final ranking by the BAC.

Staff Recommendation: Direct staff to include a Class I facility along Los Osos Valley Road, from Doris Avenue to Palisades Avenue, in the Bikeway Plan. Provide ranking at subsequent session.

### II. Discussion of Bikeway Plan Scoring.

Attached is the Final August 2018 rankings for review. There is no specific action at this time. The thid project on this list, Main Street Templeton, has been largely completed and would suggest to remove off the list. The southerly block of Main Street currently has "sharrows" due to inappropriate width of the bike lanes. This will be addressed in 2020 as we do additional road paving in the area. Specifically along the westerly shoulder in this block.

Staff Recommendation: For information Only. Provide direction to staff.

## III. Discuss of Detection of Bicycles at County Traffic Signals

BAC had requested information on bike detection at traffic signals in the unincorporated areas. Minimum standard for bike detection at traffic signals under the MUTCD are:

#### Section 9D.01 Application

Support:

01 Part 4 contains information regarding signal warrants and other requirements relating to signal installations.

Option:

02 For purposes of signal warrant evaluation, bicyclists may be counted as either vehicles or pedestrians. Support:

03 Also refer Part 4 of this Manual for highway traffic signals, in particular:

A. Section 4D.104(CA) – Optional Use of Bicycle Signal Faces.

B. Section 4D.105(CA) – Bicycle Detectors.

Section 9D.02 Signal Operations for Bicycles

#### Standard:

01 At installations where visibility-limited signal faces are used, signal faces shall be adjusted so bicyclists for whom the indications are intended can see the signal indications. If the visibility-limited signal faces cannot be aimed to serve the bicyclist, then separate signal faces shall be provided for the bicyclist. 02 On bikeways, signal timing and actuation shall be reviewed and adjusted to consider the needs of bicyclists.

## Section 4D.105(CA) Bicycle/Motorcycle Detection

#### Standard:

01 All new limit line detector installations and modifications to the existing limit line detection on a public or private road or driveway intersecting a public road (see Section 1A.13 for definitions) shall either provide a Limit Line Detection Zone in which the Reference Bicycle-Rider is detected or be placed on permanent recall or fixed time operation. Refer to CVC 21450.5.

02 All new and modified bike path approaches to a signalized intersection shall be equipped with either a Limit Line Detection Zone or a bicyclist pushbutton, or else the phase serving the bike path shall be placed on permanent recall or fixed time operation. A bicyclist pushbutton, if used, shall be located on the right side of the bike path and where it can be reached from the bike path. See Section 9B.11 for bicycle regulatory signs.
03 At new signalized intersections or when the advance detection is being replaced at existing signalized intersections, phases with advance detection only shall be placed on permanent recall.
Support:

04 The requirement to detect the Reference Bicycle-Rider in the Limit Line Detection Zone is technology-neutral. Option:

05 The detection zone in a bike lane may be narrower than 6 feet. See Figure 4D-111(CA).

06 A Bicycle Detector Symbol may be used. See Sections 9B.13 and 9C.05.

07 A bicyclist pushbutton may be used to supplement the required limit line detection.

#### Section 9C.05 Bicycle Detector Symbol

Option:

01 A symbol (see Figure 9C-7) may be placed on the pavement indicating the optimum position for a bicyclist to actuate the signal.

02 An R10-22 sign (see Section 9B.13 and Figure 9B-2) may be installed to supplement the pavement marking. Support:

03 Section 4D.105(CA) and Figure 4D-111(CA) contain information on bicycle detectors and their locations.

## Below is a table of the inventory of detection systems in place at specific traffic signal locations.

Intersection	NB	SB	EB	WB
South Bay Blvd @ Santa Ysabel	R	R	L	L
South Bay Blvd @ El Moro	R	R	PB	L
South Bay Blvd @ Nipomo (Coming Soon)	V*	V*	V*	V*
Los Osos Valley Rd @ Foothill Blvd	L	V	V*	V
Los Osos Valley Rd @ South Bay Blvd	L	V	V	V
Los Osos Valley Rd @ 10th St.	-	L	V	V
Los Osos Valley Rd @ 9th St	V	V	V	V
Los Osos Valley Rd @ Palisades	V	L	V	V
Los Osos Valley Rd @ Doris	L*	L*	R	R
Vineyard Dr @ Main St	V	V	V	V
Las Tablas Rd @ Bennett Way	V	V	V	V
Main St @ Pineknolls Dr	R	R	L	L
Avila Beach Dr @ 1st St	V*	V/PB	V	V
Avila Beach Dr @ San Luis Bay Drive	-	L	L	L
Willow Rd @ Pomeroy	V	V	V	V
Thompson @ Titan	V	V	V	-
Tefft @ Thompson	V	V	V	V
Tefft @ Oakglen	V	V	V	V
Tefft @ Mary	V	V	V	V
Tefft @ Pomeroy	-	V	V	V
Tefft @ Orchard	V	V	V	V
Orchard @ Division	V	V	V	V

V = Video Detection L = Loop Detection R = Recall (No detection) PB = Push Button \* = Bike Indicator On Pavement

The most reliable of means currently is video detection. The embedded loop detection is subject to annual testing under the traffic signal preventative maintenance procedures. For loop detection, a bike frame is used to confirm the signal intensity is sufficient. The center loop run of detection is typically marked for bikes so they may position themselves for optimal detection. Hybrid/composite material bikes will fail to register on these loop detectors. Back-up for bikes not receiving detection would be to press the pedestrian detection button. Maintenance by this method has been inconsistent over the past 1-2 years.

The County does not have any "bike boxes" or any plans for their installation in the near term. The interface of the Bob Jones trail at First Street in Avila Beach provides specific challenges with the sole bike head phase operation and is something we continue to review for improvements.

Staff Recommendation: Receive and file. Provide direction to Public Works staff.

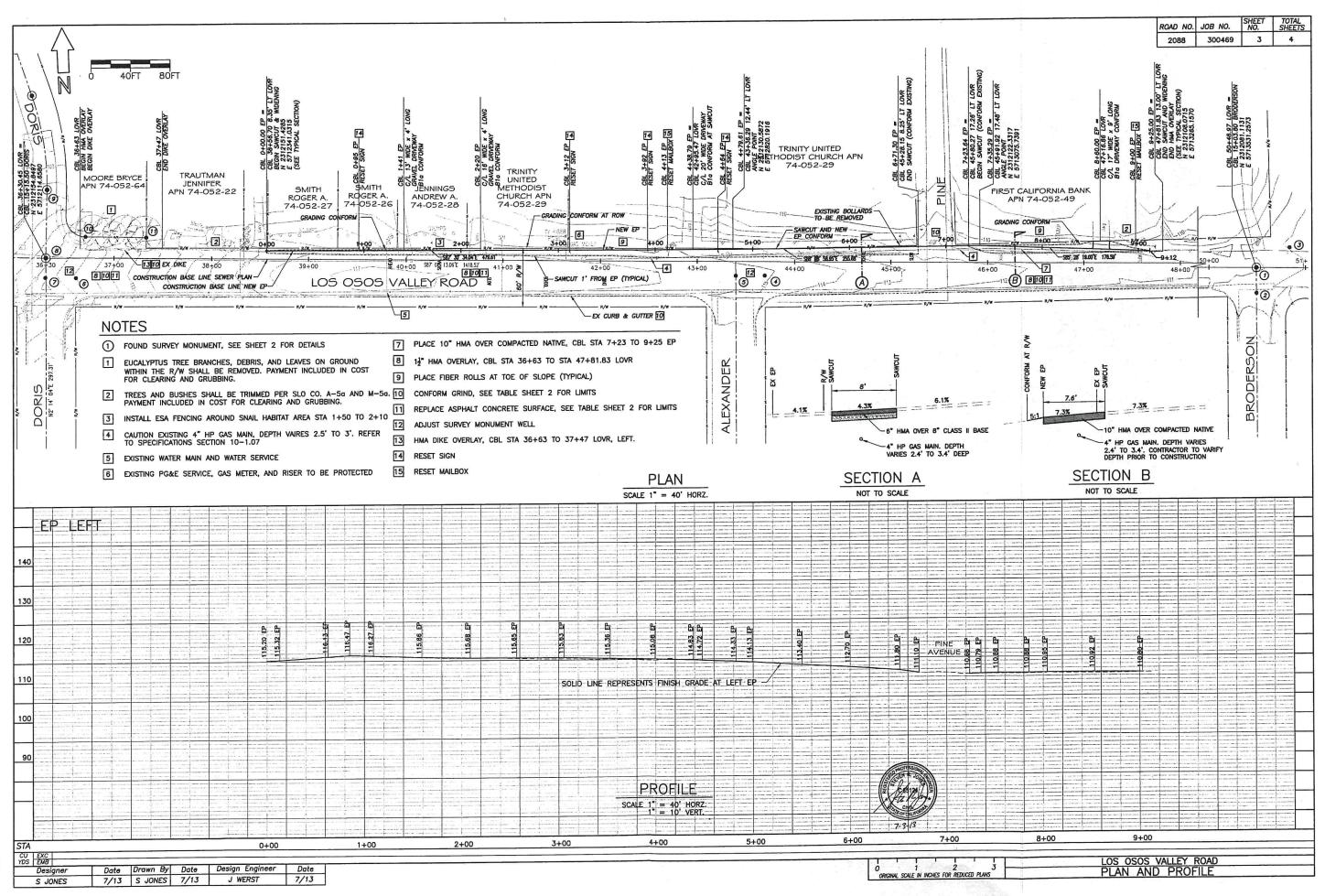
## IV. Status of Bike Projects -

- Los Berros Road (Pomeroy Road to Quailwood) Project is in design for construction in 2020 to add six foot shoulders for this portion of the roadway. The work is funded under a Federal Highway Safety Improvement Program.
- ii. <u>Twenty Second Street</u> (Route1 to Paso Robles Street, Oceano) Project is in design for construction in 2020 as part of street overlay project funded under SB1 revenues.
- iii. <u>Atascadero-Templeton Connector</u> Environmental documents being completed. \$ 5.3M funding secured. Construction as early as 2021.
- iv. <u>Bob Jones trail</u> 30 % Design plans developed by Wallace Group. Determining easements needs and impacts to creek flows from the two proposed bridge crossing.
- v. Morr Bay-Cayucos Connector Further work is dependent on property acquisition from Chevron and Caltrans approval for use of portion of their right of way. Final design plans are yet to be concluded. No funding for the construction phase is identified.

#### V. Future Agenda Items.

1. Bob Jones Trail Update - Parks





## Appendix G: Future Bikeway Rankings

						Closes	School	Commute	Rec.	Bike	Rideable			Bicycle		Collision	2015	2018
Class	Roadway	From	To	Community	SRC	Gap	Route	Route	Route	Count	Shoulder	ADT	Speed	Collsiions	Fatalities	Rate	Total	Total
	Connector	Templeton	Atascadero	Inter-regional	100	100	0	100	100	-	-	-	- Speed	-	-	-	400	400
il.	Ontario Road	Bob Jones Bikeway	Higuera Street	Avila	30	40	0	40	20	30	40	0	50	75	25	50	340	400
II.	Main Street (Templeton)	Vineyard Drive	Gibson Road	Templeton	30	40	30	40	20	20	0	25	25	75	0	75	355	380
1	Connector	San Luis Obispo	Morro Bay	Inter-regional	100	50	50	75	100		-			-	_	- , ,	375	375
i	Connector (Bob Jones Trail)	San Luis Obispo	Avila Beach	Inter-regional	100	100	0	75	100	_	_	-	_	_	_	_	375	375
<u> </u>	Corbett Canyon Road	Highway 227 (North)	Tiffany Ranch Road	San Luis Obispo	30	40	0	40	20	20	50	0	50	75	25	25	315	375
11	Los Berros Road	Pomeroy Road	Highway 101(Frontage Rd.)	Nipomo	30	40	0	40	20	10	40	25	25	50	25	50	320	355
- "	Buckley Road	Highway 227	Vachell Lane	San Luis Obispo	30	40	0	30	20	10	40	0	50	75	0	50	310	345
	Halcyon Road	Highway 1 (North)	Highway 1 (South)	Nipomo	30	40	0	30	20	10	40	25	50	25	25	50	335	345
- "	Corbett Canyon Road	Deer Canyon Road	Arroyo Grande City Limit	Arroyo Grande	30	40	0	40	20	10	50	0	50	25	0	75	355	340
- "	Los Berros Road	Arroyo Grande City Limit (600' E of		Nipomo	30	40	0	40	20	10	50	0	25	50	0	75	330	340
11			The Pike (GBCL)	Oceano	30	40	30	10	0			0	0		-		295	
- "	Twenty-Second Street	Highway 1								20	50	U	U	75	0	75		330
	Connector	Cayucos	Morro Bay Pismo Beach	Inter-regional	100	50	0	75	100	-	-	-	-	-	-	-	270 325	325
<u> </u>	Connector	San Luis Obispo		Inter-regional	100	100	0	50	75	-	-	-	-	-	-	-		325
<u> </u>	Connector	San Miguel	Santa Margarita	Inter-regional	100	100	0	75	50	-	-	-	-	-	-	-	325	325
- 11	Corbett Canyon Road	Tiffany Ranch Road	Deer Canyon Road	Arroyo Grande	30	40	0	40	20	10	50	0	50	50	0	25	305	315
II	Orchard Avenue	Southland Street	Joshua Street	Nipomo	30	40	0	40	20	10	50	25	50	0	0	50	355	315
III	Los Berros Road	El Campo Road	Pomeroy Road	Nipomo	30	40	0	40	20	10	40	25	25	25	0	50	320	305
ll ll	Main Street (Cambria)	Windsor Boulevard	Santa Rosa Creek Road	Cambria	30	0	30	20	20	30	0	25	25	50	0	75	295	305
I	Connector	San Luis Obispo	Santa Margarita	Inter-regional	100	100	0	75	25	-	-	-	-	-	-	-	300	300
II	Theatre Drive	Main Street	Paso Robles City Limit	Templeton	30	40	0	40	20	20	50	25	25	25	0	25	315	300
II	Creston Road	P.R. City Limit	Highway 41	Paso Robles	30	40	0	30	20	0	50	0	50	50	0	25	285	295
II	Nacimiento Lake Drive	San Marcos Road	Mustang Springs Road	Paso Robles	30	0	0	30	20	10	0	25	50	50	25	50	245	290
II	Valley Road	Los Berros Road	Arroyo Grande City Limit	Arroyo Grande	30	40	30	30	20	20	40	25	25	0	0	25	335	285
ll l	Orcutt Road	Tiffany Ranch Road	Lopez Drive	Arroyo Grande	30	40	0	30	20	10	50	0	50	50	0	0	270	280
Ш	Pomeroy Road	Lyn Road	Willow Road	Nipomo	30	40	0	30	20	10	50	0	25	25	0	50	295	280
Ш	River Road	Cross Canyon Road	P.R. City Limits	Paso Robles	30	40	0	30	20	10	50	0	50	0	0	50	320	280
II	Templeton Road	So El Pomar	Highway 41	Templeton	30	40	0	30	20	10	50	0	50	0	0	50	320	280
II	Avila Beach Drive	First Street	San Luis St	Avila	30	0	0	20	20	40	40	50	25	25	0	25	280	275
II	Main Street (Templeton)	Ramada Drive	Theater Drive	Templeton	30	40	0	40	20	20	50	25	25	0	0	25	315	275
П	Ramada Drive	Main Street	Highway 46	Templeton	30	0	0	20	0	10	40	0	25	75	0	75	220	275
П	Pomeroy Road	Los Berros Road	Lyn Road	Nipomo	30	40	0	30	20	0	50	0	50	0	0	50	310	270
II	South Frontage Road	Tefft Street	Grande Avenue	Nipomo	0	40	0	20	0	10	50	25	25	50	0	50	230	270
II	Orcutt Road	Biddle Ranch Road	Morretti Canyon Road	San Luis Obispo	30	40	0	30	20	20	50	0	50	25	0	0	280	265
II	Orcutt Road	San Luis Obispo City limits (2500' E	Avocado Road	San Luis Obispo	30	40	0	30	20	20	40	0	50	25	0	0	270	255
П	River Road	Mission Street	Cross Canyon Road	San Miguel	30	40	0	30	20	20	40	0	25	0	0	50	295	255
II	Templeton Road	El Pomar Drive	So El Pomar	Templeton	30	40	0	30	20	10	50	0	50	0	0	25	295	255
П	Vineyard Drive	Vineyard Elementary School	Highway 46	Templeton	30	40	0	30	20	10	50	0	50	25	0	0	270	255
II	Los Osos Valley Road EASTBOUND	Broderson Avenue	Doris Avenue	Los Osos	30	30	30	40	20	20	0	25	25	25	0	0	260	245
II	Thompson Avenue	Knotts Street	Highway 166	Nipomo	30	40	0	30	20	10	40	0	50	0	0	25	285	245
II	Vachell Lane	Buckley Road	San Luis Obispo City Limits	San Luis Obispo	30	40	0	30	20	10	40	25	25	0	0	25	285	245
II	Centre Street	State Highway 41	State Highway 46	Shandon	30	0	30	30	20	10	50	0	50	25	0	0	255	245
II	Orcutt Road	Avocado Lane	Biddle Ranch Road	San Luis Obispo	30	40	0	30	20	20	50	0	50	0	0	0	280	240
II	Avila Beach Drive	San Luis Bay Drive	Ontario Road	Avila	30	0	0	30	20	40	40	50	25	0	0	0	265	235
Ш	Lopez Drive	Huasna Road	Cecchetti Road	Arroyo Grande	30	40	0	0	20	20	50	0	25	25	0	25	250	235
II	Lopez Drive	Cecchetti Road	Orcutt Road	Arroyo Grande	30	40	0	30	20	10	50	0	25	0	0	25	270	230
ll ll	Orcutt Road	Morretti Canyon Road	Tiffany Ranch Road	San Luis Obispo	30	40	0	30	20	20	40	0	50	0	0	0	270	230
II	Windsor Boulevard	,	Highway 1	Cambria	30	40	30	0	20	20	40	25	25	0	0	0	260	230
II	El Campo Road	Los Berros Road	Woodland Hills Road	Nipomo	30	40	0	30	20	10	40	0	25	0	0	25	260	220
- :- II	Division Street	Las Flores Drive	Oso Flaco Lake Road	Nipomo	30	40	0	0	20	0	50	0	50	0	0	25	255	215
- 11	DIVIDIOTI DI CCC	EGS FIOTES DITIVE	OSO FIGCO EGINC NOGG	1.1.001110	50	-+0	<u> </u>	,	20	J	50	J	50	U	U	2.5	233	213

						Closes	School	Commute	Rec.	Bike	Rideable			Bicycle		Collision	2015	2018
Class	Roadway	From	То	Community	SRC	Gap	Route	Route	Route	Count	Shoulder	ADT	Speed		Fatalities	Rate	Total	Total
II	Division Street	Oso Flaco Lake Road	Highway 1	Nipomo	30	40	0	0	20	0	50	0	50	0	0	25	255	215
П	Huasna Road/Lopez Drive	Arroyo Grande City Limit	Lopez Drive	Arroyo Grande	30	40	0	40	20	20	40	0	25	0	0	0	255	215
II	Las Tablas Road	Florence Street	Old County Road	Templeton	0	40	0	20	20	20	40	0	25	0	0	50	235	215
II	San Luis Bay Drive	Bob Jones Bikeway	Ontario Road	Avila	30	0	30	40	20	20	0	25	25	25	0	0	230	215
II	Main Street (Cambria)	Santa Rosa Creek Road	Highway 1	Cambria	30	0	30	30	20	20	40	0	25	0	0	0	235	195
II	Thompson Avenue	Highway 101(Frontage Rd.)	1 mi. n/w Tefft Street	Nipomo	30	40	0	40	20	10	0	0	50	0	0	0	230	190
- 11	Halcyon Road	Highway 1 (South)	El Campo Road	Nipomo	0	40	30	20	20	10	40	0	25	0	0	0	215	185
II	Nacimiento Lake Drive	Interlake Road	Chimney Rock Road	Bradley	30	0	0	30	20	0	50	0	50	0	0	0	210	180
- 11	Tenth Street	Cemetery Road	Mission Street	San Miguel	30	0	0	40	0	10	0	0	50	0	0	50	200	180
- 11	Nacimiento Lake Drive	Chimney Rock Road	San Marcos Road	Paso Robles	30	0	0	30	20	0	40	0	50	0	0	0	200	170
Ш	Las Flores Drive	Tefft Street	Division Street	Nipomo	0	40	30	10	0	10	0	0	25	0	0	50	185	165
Ш	Bethel Road	Vineyard Drive	Las Tablas Road	Templeton	0	40	30	20	20	20	0	0	25	0	0	0	185	155
Ш	Noyes Road	Equestrian Way	Highway 227	Arroyo Grande	30	0	0	30	20	10	40	0	25	0	0	0	185	155
II	Nacimiento Lake Drive	Mustang Springs Road	Paso Robles City Limit	Paso Robles	30	0	0	30	20	20	0	25	25	0	0	0	180	150
II	Florence Street	Salinas Avenue	Old County Road	Templeton	0	40	30	20	0	10	40	0	0	0	0	0	160	140
Ш	Pine Avenue	Skyline Drive	Ramona Avenue	Los Osos	0	40	0	20	20	10	0	25	25	0	0	0	160	140
Ш	Pier Avenue	Highway 1	West End	Oceano	0	0	0	20	30	20	0	25	0	0	0	25	120	120
П	Pecho Valley Road	Rodman Drive	Montana De Oro St. Park	Los Osos	0	0	0	0	30	10	50	0	25	0	0	0	115	115
П	Hazel Lane	Tefft Street	Division Street	Nipomo	0	0	30	10	0	10	0	0	25	0	0	25	110	100
П	Pozo Road	Highway 58	Santa Margarita Lake Rd	Santa Margarita	0	0	0	0	30	10	0	0	50	0	0	0	90	90