05-var-var-var
05-1G190K – 0514000123 – PPNO 2589
20.10.201.170
June, 2014

Small Capital Value Project

Project Initiation Document

To

Request Programming in the 2014 MIDCYCLE SHOPP

PROJECT LOCATION: In Santa Barbara, San Luis Obispo, Monterey, San Benito, and Santa Cruz Counties at various locations.

APPROVAL RECOMMENDED:

Paul McClintic, *DISTRICT PROGRAM MANAGER*

APPROVAL RECOMMENDED:

Rochelle M. Vierra, *PROJECT MANAGER*

APPROVED:

Timothy M. Gubbins, *DISTRICT 05 DIRECTOR*

5/27/14
DATE

This project initiation document has been prepared under the direction of the following registered civil engineer. The registered civil engineer attests to the technical information contained herein and the engineering data upon which recommendations, conclusions, and decisions are based.

REGISTERED CIVIL ENGINEER

5/20/2014
DATE

1. INITIATING OFFICE/INITIATOR

The Program Manager for the Signs and Lighting Rehabilitation / Operational Improvements Program has established that a project is needed that meets the qualification for the Program. This project is included on the 2014 SHOPP Mid-Cycle Candidate Project List and will be accelerated for delivery in the 2014/15 fiscal year.

This project initiation document provides conceptual approval of the proposal and a recommendation to amend the project into the current 2014 State Highway Operation and Protection Program.

A project report will serve as final approval of the proposal.

2. PURPOSE AND NEED

Purpose:
The purpose of the project is to provide uniform overhead signing with retro-reflective sheeting on all highways and freeways within District 5 in compliance with federal highway standards.

Need:
Most of the overhead signs in District 5 are in need of rehabilitation. Existing overhead signs have become weathered and faded, and most do not have retro-reflective sheeting. They are no longer in compliance with federal highway standards. Some of the signs have outdated messaging.

3. DEFICIENCY SUMMARY

Attached is a list of all overhead signs within District 5 that are to be considered for upgrade. Signs which are currently included in other projects for replacement will be deleted from this list.

4. PROJECT PROPOSAL

Project Description:
There are 372 existing overhead signs at 289 locations in District 5. Most of these signs are in need of rehabilitation. Of the 372 signs, 124 are already retro-reflective, however, replacement may still be required due to condition.

A safety project programmed for 2014/15 in Santa Barbara County (05-1F320) will replace approximately 70 of signs; these 70 signs are not included in this project (05-1G190K) proposal. Additionally, a few other signs are also targeted for

replacement as part of other programmed projects. These signs will be removed from the list as they are identified.

This project proposes to upgrade all overhead guide signs as needed in District 5 to meet current standards. Exit sign numbers will be included where appropriate.

R/W:
All improvements are within State right of way.

Disposal Site:
Not applicable.

Utilities:
It is anticipated that there will be no impact to non-state owned utilities.

Environmental:
It is anticipated that there will be no environmental impacts.

5. FUNDING/PROGRAMMING

The proposed project is a candidate for amendment into the 2014 State Highway Operations and Protection Program (SHOPP) for delivery in the 2014/15 fiscal year. See the following table for the Capital Outlay Support and Project Estimate. See ATTACHMENT C for the Engineer's Cost Estimate.

It has been determined that this project is eligible for federal-aid funding.

Senate Bill 45 (SB45) – Chaptered in 1997

The component categories shown in the funding table below are as identified in Senate Bill 45 (SB45), which are as follows:

- Project Approval and Environmental Document (PA&ED): Completion of all permits and environmental studies
- Plans, Specifications and Estimates (PS&E): Preparation of plans, specifications, and estimates
- Right of Way (R/W) Support and Capital - The acquisition of rights-of-way
- Construction (Constr.) Support and Capital - Construction and construction management and engineering, including surveys and inspection.

Capital Outlay Support and Project Estimates

Fund Source	Fiscal Year Estimate				
20.xx.201.170	2014/15	2015/16	2016/17	2017/18	Total
Component	In thousands of dollars ($1,000)				
PA&ED Support	$77				$77
PS&E Support	$338				$338
Right-of-Way Support	$14				$14
Construction Support	$927				$927
Right-of-Way	$5				$5
Construction	$3,793				$3,793
Total	$5,154				$5,154

Note: Support categories are the same as those identified by SB 45. Support Costs escalated at 5% for one year. Construction Capital escalated at 5% for one year. Support Cost ratio: 36% (All Support Costs divided by the sum of the escalated Construction Capital and escalated R/W Capital.

Workplan Assumptions, Constraints and Risks

- Federal environmental clearance cannot be accomplished until the project has been programmed in the SHOPP and added to the Federal Transportation Improvement Program (FTIP).
- The Project Development Team (PDT) members will identify and communicate changes (assumptions, constraints, risks, scope, schedule and / or budget) to the appropriate Task Manager and Project Manager immediately so that the Team may assess potential actions, impacts and categorize (avoid, transfer, mitigate, exploit, share, enhance or accept) the proposed change to the project.
- Accepted changes to the initial scope of work whether they are an increase or a decrease will be assessed by the PDT and the workplan will be re-examined as needed to adjust the budget in hours and/or dollars to address the accepted changes.
- The workplan was developed using a "Top-down" approach at the lowest Work Breakdown Structure (WBS) level and then rolled up to "WBS Level 5 - the Major Task Level". Prior to any charges occurring on a task the PDT may choose to change the level that a task is planned at.
- The project support budget (in dollars) was developed from the accepted workplan (in hours by task) based upon the "Rate Matrix" set for the Cost Centers with Source Unit by District as loaded into Project Resource and Schedule Management (PRSM) as of May 16, 2014 and includes an escalation factor of 5% for each year through the close of the project to accommodate the following factors:
    - The "PRSM Rate Matrix Data 2013-2014" posted on the HQ Project Management web page as of July 02, 2013 is based on "Past 3 years of expenditure data from EFIS; inflation rates and ICRP rates considered".

- AB 14-06 ICRP Rates effective July 1, 2014, Functional OH increases from 41.91% to 42.68%.
- AB 14-05 Payroll Reserve Assessment Rates (Benefits) effective January 3, 2014, increases from 69.36 % to 74.04%. AB14-08 shows an additional temporary increase to 81.68% in the Payroll Reserve Assessment Rates (Benefits) effective between April 1, 2014 and June 30, 2014. It will be adjusted for the upcoming FY. At this time it is unknown what rate will be for next FY.
- Base salary rate increase of 4.5% on July 1, 2014

- Per the *"Fiscal Year 2012-13 Annual Project Delivery Report to the California State Legislature"* the average Capital Outlay Program wide *"Annual goal for S/C ratio based on capital value groups"* for projects (STIP and SHOPP) between $1 million and $5 million is 60%. The support cost ratio for this project is under the annual average goal.

6. SCHEDULE

Project Milestones		Scheduled Delivery Date (Month/Year)
PROGRAM PROJECT	M015	July 2014
BEGIN ENVIRONMENTAL	M020	July 2014
PA & ED	M200	October 2014
PS&E TO DOE	M377	March 2015
RIGHT OF WAY CERTIFICATION	M410	February 2015
READY TO LIST	M460	June 2015
FUND ALLOCATION	M470	August 2015
HQ ADVERTISE	M480	September 2015
AWARD	M495	November 2015
APPROVE CONTRACT	M500	December 2015
CONTRACT ACCEPTANCE	M600	January 2017
END PROJECT	M800	March 2018

7. RISKS

The attached Risk Register is a living document and was prepared to assess, respond and monitor identified project risks that may occur throughout the life of the project. The Risk Register will be reassessed throughout the projects lifecycle and is designed as a tool to help the Project Development Team and Project Sponsor in their decisions regarding project alternatives and objectives and encourages the project team to take appropriate measures to minimize adverse impacts to the project scope, schedule or cost. The Risk Register cannot identify all risks in advance of occurrence for a project, some risks are unknown.

The primary risks for this project involve:

- Resource constraints for an accelerated for delivery into the 2014/15 fiscal year

- Assumption of no environmental impacts associated with upgrading the overhead signs.
- Construction capital cost estimate is based on an average of $12,000 per sign
- Capital outlay support (COS) estimate was developed using a top-down approach.
- Unknown Permit Needs

The project scope, schedule or cost shown within this programming document does not include quantitative impacts identified within the Risk Register.

8. FHWA COORDINATION

This project is considered to be an Assigned Project in accordance with the current Federal Highway Administration (FHWA) and Department of Transportation (Caltrans) Joint Stewardship and Oversight Agreement.

9. COST ESTIMATE (March, 2014)

County	Quantity	Unit Cost	Amount
SLO	35	$12,000	$ 420,000
SB*	54	$12,000	$ 648,000
MON	73	$12,000	$ 876,000
SBt	5	$12,000	$ 60,000
SCr	134	$12,000	$1,608,000
Total	**301***		**$3,612,000**

*Does not include 70 signs being replaced under 05-1F320_.

10. ATTACHMENTS

List of District 5 Overhead signs
Risk Register

SAN BENITO COUNTY

Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCATION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE
Highway 101 Northbound												
101	NB	(3) 2.59	345	156 East to San Juan Bautista / Hollister	1	1	San Juan Bautista Hollister 156 EAST	EXIT 345 San Juan Bautista Hollister 156 EAST	G85-11 (CA) *with* G28-1 (CA)	N	N	
Highway 101 Southbound												
101	SB	(3) 2.97	345	156 East to San Juan Bautista / Hollister	2	2	156 WEST Monterey Peninsula	156 WEST Monterey Peninsula	G24-5 (CA) *with* vertical up arrow	N/A	N	
							San Juan Bautista Hollister 156 EAST	EXIT 345 San Juan Bautista Hollister 156 EAST	G85-11 (CA) *with* G28-1 (CA)	N	N	
Highway 156 Westbound												
156	WB	0.27		Route 101/156 Separation	3	2	101 SOUTH 156 WEST Salinas Monterey Peninsula	101 SOUTH 156 WEST Salinas Monterey Peninsula	G85-6 (CA) *with two shields*	N/A	N	
							101 NORTH San Jose San Francisco	101 NORTH San Jose San Francisco	G85-6 (CA)	N/A	N	
TOTAL					**3**	**5**						

TOTAL NUMBER OF OVERHEAD SIGN LOCATIONS:	3
TOTAL NUMBER OF OVERHEAD SIGNS:	5
OVERHEAD SIGNS REPLACED TO DATE:	0
OVEHEAD SIGNS TO BE REPLACED:	5

*If there are two PM values, the top value indicates the interchange PM in parenthesis and the bottom value indicates the true location of the sign structure.

**Proposed sign codes might not match existing signs. New signs will include exit numbers where applicable.

Date: 2/7/2012

SANTA CRUZ COUNTY
Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCATION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE
Highway 1 Northbound												
1	NB	0.08	N/A	N/A	1	1	129 TO 152 Riverside Dr Watsonville NEXT RIGHT	EXIT 425 129 TO 152 Riverside Dr Watsonville NEXT RIGHT	G86-13 (CA) *with two shields (G28-1 (CA))*	N	N	
1	NB	(0.72) 0.45	425	Jct. Rte. 129, Riverside Drive	2	1	129 TO 152 Riverside Dr Watsonville	EXIT 425 129 TO 152 Riverside Dr Watsonville	G85-11 (CA) *with two shields(G28-1 (CA))*	N	N	
1	NB	0.70	N/A	N/A	3	1	Green Valley Rd Harkins Slough Rd 1 1/4 MILES	EXIT 426 Green Valley Rd Harkins Slough Rd 1 1/4 MILES	G83-5 (CA)	N	N	
1	NB	1.38	N/A	N/A	4	1	Green Valley Rd 1/2 Airport Blvd 1 1/2 Buena Vista Dr 2 1/4	Green Valley Rd 1/2 Airport Blvd 1 1/2 Buena Vista Dr 2 1/4	G23-1 (CA)	N/A	N	
1	NB	1.55	N/A	N/A	5	1	Green Valley Rd Harkins Slough Rd NEXT RIGHT	EXIT 426 Green Valley Rd Harkins Slough Rd NEXT RIGHT	G83-13 (CA)	N	N	
1	NB	(2.27) 2.03	426	Harkins Slough Road	6	1	Green Valley Rd Harkins Slough Rd	EXIT 426 Green Valley Rd Harkins Slough Rd	G85-11 (CA)	N	N	
1	NB	2.26	N/A	N/A	7	1	Airport Blvd 1 Buena Vista Dr 1 3/4 Mar Monte Ave 4	Airport Blvd 1 Buena Vista Dr 1 3/4 Mar Monte Ave 5	G23-1 (CA)	N/A	N	
1	NB	2.45	N/A	N/A	8	1	Airport Blvd Freedom 3/4 MILE	EXIT 427 Airport Blvd Freedom 3/4 MILE	G83-5 (CA)	N	N	
1	NB	2.77	N/A	N/A	9	1	Airport Blvd Freedom NEXT RIGHT	EXIT 427 Airport Blvd Freedom NEXT EXIT	G86-13 (CA)	N	N	
1	NB	3.18	427	Airport Blvd / Freedom Road	10	2	Buena Vista Dr 1/2 MILE	EXIT 428 Buena Vista Dr 1/2 MILE	G83-5 (CA)	N	N	
							Airport Blvd Freedom	EXIT 427 Airport Blvd Freedom	G85-11 (CA)	N	N	
1	NB	(4.07) 3.8	428	Buena Vista Drive	11	1	Buena Vista Drive	EXIT 428 Buena Vista Drive	G85-11 (CA)	N	N	
1	NB	5.33	N/A	N/A	12	1	EXIT 431 Mar Monte Ave 1 MILE	EXIT 431 Mar Monte Ave 1 MILE	G83-4 (CA)	Y	Y	
1	NB	5.95	N/A	N/A	13	1	EXIT 431 Mar Monte Ave NEXT EXIT	EXIT 431 Mar Monte Ave NEXT EXIT	G86-12 (CA)	Y	Y	
1	NB	(6.69) 6.3	431	Mar Monte Avenue	14	1	EXIT 431 Mar Monte Ave	EXIT 431 Mar Monte Ave	G85-11 (CA)	Y	Y	
1	NB	6.68	N/A	N/A	15	1	Larkin Valley Rd San Andreas Rd 1 MILE	EXIT 432 Larkin Valley Rd San Andreas Rd 1 MILE	G83-5 (CA)	N	N	
1	NB	7.20	N/A	N/A	16	1	EXIT 432 Larkin Valley Rd San Andreas Rd NEXT EXIT	EXIT 432 Larkin Valley Rd San Andreas Rd NEXT EXIT	G86-12 (CA)	Y	Y	

SANTA CRUZ COUNTY
Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCATION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE
1	NB	(7.66) 7.61	432	Larkin Valley Road	17	1	EXIT 432 Larkin Valley Rd San Andreas Rd	EXIT 432 Larkin Valley Rd San Andreas Rd	G85-11 (CA)	Y	Y	
1	NB	7.69	N/A	N/A	18	1	EXIT 433 A Freedom Blvd 1/4 MILE	EXIT 433 A Freedom Blvd 1/4 MILE	G83-5 (CA)	Y	Y	
1	NB	(8.36) 8.11	433 A	Freedom Boulevard	19	1	EXIT 433 A Freedom Blvd	EXIT 433 A Freedom Blvd	G85-11 (CA)	Y	Y	
1	NB	8.36	N/A	N/A	20	1	EXIT 433 B Rio Del Mar Boulevard 1/2 MILE	EXIT 433 B Rio Del Mar Boulevard 1/2 MILE	G83-5 (CA)	Y	Y	
1	NB	8.77	N/A	N/A	21	1	Rio Del Mar Blvd 1/4 State Park Dr 1 1/2 Park Avenue 3	Rio Del Mar Blvd 1/4 State Park Dr 1 1/2 Park Avenue 4	G23-1 (CA)	N/A	N	
1	NB	(9.15) 9.0	433 B	Rio Del Mar Boulevard Interchange	22	1	EXIT 433 B Rio Del Mar Blvd	EXIT 433 B Rio Del Mar Blvd	G85-11 (CA)	Y	Y	
1	NB	9.15	N/A	N/A	23	1	State Park Dr 1 1/4 Park Avenue 2 3/4 Porter St/Bay Ave 4 1/4	State Park Dr 1 1/4 Park Avenue 2 3/4 Porter St/Bay Ave 4 1/4	G23-1 (CA)	N/A	N	
1	NB	9.46	N/A	N/A	24	1	EXIT 435 State Park Dr 3/4 MILE	EXIT 435 State Park Dr 3/4 MILE	G83-5 (CA)	Y	Y	
1	NB	9.71	N/A	N/A	25	1	State Park Drive NEXT EXIT	EXIT 435 State Park Drive NEXT EXIT	G86-13 (CA)	N	N	
1	NB	(10.54) 10.3	435	State Park Drive Seacliff State Beach	26	1	EXIT 435 State Park Dr	EXIT 435 State Park Dr	G85-11 (CA)	Y	Y	
1	NB	10.51	N/A	N/A	27	1	Park Avenue 1 Porter St/Bay Ave 2 1/2 41st Avenue 2 3/4	Park Avenue 1 Porter St/Bay Ave 2 1/2 41st Avenue 2 3/4	G23-1 (CA)	N/A	N	
1	NB	11.44	N/A	N/A	28	1	EXIT 436 Park Ave NEXT EXIT	EXIT 436 Park Ave NEXT EXIT	G86-13 (CA)	Y	Y	
1	NB	(12.09) 11.85	436	Park Avenue	29	2	Porter St/Bay Ave 1 1/4 MILES	EXIT 437 Porter St/Bay Ave 1 1/4 MILES	G83-5 (CA)	N	N	
							EXIT 436 Park Ave	EXIT 436 Park Ave	G85-11 (CA)	Y	Y	
1	NB	12.90	N/A	N/A	30	1	EXIT 437 Porter St Bay Ave NEXT EXIT	EXIT 437 Porter St Bay Ave NEXT EXIT	G86-13 (CA)	Y	Y	
1	NB	(13.19) 13.0	437	Porter Street / Bay Avenue	31	1	EXIT 437 Porter St Bay Ave	EXIT 437 Porter St Bay Ave	G85-11 (CA)	Y	Y	
1	NB	13.15	N/A	N/A	32	1	EXIT 438 41st Ave 1/4 MILE	EXIT 438 41st Ave 1/4 MILE	G83-5 (CA)	Y	Y	
1	NB	(13.62) 13.34	438	41st Avenue	33	1	EXIT 438 41st Avenue EXIT ONLY	EXIT 438 41st Avenue EXIT ONLY	G85-11 (CA) *with* W61C (CA)	Y	Y	
1	NB	13.57	N/A	N/A	34	1	Soquel Dr 1 1/4 MILES	EXIT 439 Soquel Dr 1 1/4 MILES	G83-5 (CA)	N	N	
1	NB	14.35	N/A	N/A	35	1	EXIT 439 Soquel Dr NEXT EXIT	EXIT 439 Soquel Dr NEXT EXIT	G86-13 (CA)	Y	Y	
1	NB	(14.86) 14.6	439	Soquel Drive	36	1	EXIT 439 Soquel Dr	EXIT 439 Soquel Dr	G85-11 (CA)	Y	Y	

SANTA CRUZ COUNTY
Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCA-TION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE
1	NB	14.81	N/A	N/A	37	1	EXIT 440 Morrissey Blvd 3/4 MILE	EXIT 440 Morrissey Blvd 3/4 MILE	G83-5 (CA)	Y	Y	
1	NB	15.19	N/A	N/A	38	1	Morrissey Boulevard NEXT EXIT	EXIT 440 Morrissey Boulevard NEXT EXIT	G86-13 (CA)	N	N	
1	NB	(15.82) 15.5	440	Morrissey Boulevard	39	1	EXIT 440 Morrissey Blvd	EXIT 440 Morrissey Blvd	G85-11 (CA)	Y	Y	
1	NB	15.75	N/A	N/A	40	1	EXIT 441 A Emeline Ave 3/4 MILE	EXIT 441 A Emeline Ave 3/4 MILE	G83-5 (CA)	Y	Y	
1	NB	16.17	N/A	N/A	41	2	1/Santa Cruz/Half Moon Bay	1/Santa Cruz/Half Moon Bay	G23-4 (CA)	N/A	Y	
							EXIT 441 B/NORTH 17/San Jose/Oakland	EXIT 441 B/NORTH 17/San Jose/Oakland NEXT EXIT	G86-13 (CA) *with shield* G28-1 (CA)	Y	Y	
1	NB	(16.63) 16.25	441 A	Emeline Street	42	1	EXIT 441 A Emeline Avenue	EXIT 441 A Emeline Avenue	G85-11 (CA)	Y	Y	
1	NB	(16.82) 16.4	441 B	Jct. Rte. 17 North	43	2	1/Santa Cruz/Half Moon Bay	1/Santa Cruz/Half Moon Bay	G24-6 (CA)	N/A	Y	
							EXIT 441 B/NORTH 17/San Jose/Oakland/EXIT ONLY	EXIT 441 B/NORTH 17/San Jose/Oakland/EXIT ONLY	G85-11 (CA) *with two diagonal arrows and one* G28-1 (CA) *shield and one* W61C (CA)	Y	Y	
1	NB	17.00	N/A	N/A	44	2	EXIT 442/Ocean St/Beaches/EXIT ONLY	EXIT 442/Ocean St/Beaches/EXIT ONLY	G24-6(CA) *with* W61D (CA)(Alternate)	Y	Y	
							Half Moon Bay/NORTH 1/ONLY	Half Moon Bay/NORTH 1/ONLY	G24-6 (CA) *with two diagonal up arrows and* W61B (CA) *and* W61H (CA)	N/A	N	
1	NB	(17.46) 17.16		Ocean Street (Left Exit)	45	2	EXIT 442/Ocean Street/Beaches/EXIT ONLY	EXIT 442/Ocean Street/Beaches/EXIT ONLY	G85-11 (CA) *with* W61C (CA)	Y	Y	
							NORTH 1/Half Moon Bay/Boulder Creek 9/ONLY	NORTH 1/Half Moon Bay/Boulder Creek 9/ONLY	G24-6 (CA) with two shields (G28-1 (CA)) and W61B (CA)	N/A	N	
1	NB	17.50	N/A	N/A	46	2	1 NORTH/ Half Moon Bay/ San Francisco	1 NORTH/ Half Moon Bay/ San Francisco	G24-4 (CA)	N/A	N	
							9 NORTH/Boulder Creek/ Big Basin	9 NORTH/Boulder Creek/ Big Basin	G85-6 (CA)	N/A	N	
1	NB	17.64	N/A	N/A	47	2	R73-2 (CA) Intersection Lane Control Sign	R73-2 (CA) Intersection Lane Control Sign	R73-2 (CA)	N/A	N	
							R73-3 (CA) Intersection Lane Control Sign	R73-3 (CA) Intersection Lane Control Sign	R73-3 (CA)	N/A	N	

SANTA CRUZ COUNTY
Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCA-TION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE
Highway 1 Southbound												
1	SB	18.17	N/A	N/A	48	3	1 SOUTH	1 SOUTH	G78-1 (CA)	N/A	N	
							R73-3 (CA)	R73-3 (CA)	R73-3 (CA)	N/A	N	
							R73-4 (CA)	R73-4 (CA)	R73-4 (CA)	N/A	N	
1	SB	17.46	442	Ocean Street	49	1	EXIT 442 Ocean Street	EXIT 442 Ocean Street	G85-10 (CA)	Y	Y	
1	SB	17.29	N/A	N/A	50	2	EXIT 441/NORTH 17/San Jose/Oakland/NEXT LEFT	EXIT 441/NORTH 17/San Jose/Oakland/NEXT LEFT	G86-13 (CA) *with* G28-1 (CA)	Y	Y	
							Watsonville/Monterey/ SOUTH 1	Watsonville/Monterey/ SOUTH 1	G24-3 (CA) with G28-1 (CA)	N/A	N	
1	SB	(16.82) 17.16	441	Jct. Rte. 17 North (Left Exit)	51	2	EXIT 441/17 NORTH/San Jose/Oakland	EXIT 441/17 NORTH/San Jose/Oakland	G85-11 (CA) *with* G28-1 (CA)	Y	Y	
							Watsonville/Monterey/ SOUTH 1	Watsonville/Monterey/ SOUTH 1	G24-3 (CA) with G28-1 (CA)	N/A	N	
1	SB	16.39	N/A	N/A	52	2	1/Watsonville/Monterey	1/Watsonville/Monterey	G24-3 (CA) with G28-1 (CA)	N/A	Y	
							EXIT 440/ Morrissey Blvd/ NEXT EXIT	EXIT 440/ Morrissey Blvd/ NEXT EXIT	G86-13 (CA)	Y	Y	
1	SB	(15.82) 16.26	440	Morrissey Boulevard	53	1	EXIT 440 Morrissey Blvd	EXIT 440 Morrissey Blvd	G85-11 (CA)	Y	Y	
1	SB	15.95	N/A	N/A	54	1	EXIT 439 Soquel Ave 1 MILE	EXIT 439 Soquel Ave 1 MILE	G83-5 (CA)	Y	Y	
1	SB	15.12	N/A	N/A	55	1	Soquel Avenue NEXT EXIT	EXIT 439 Soquel Avenue NEXT EXIT	G86-13 (CA)	N	N	
1	SB	(14.86) 15.0	439	Soquel Avenue	56	2	EXIT 438/41st Ave/ 1 MILE	EXIT 438/41st Ave/ 1 MILE	G83-5 (CA)	Y	Y	
							EXIT 439/Soquel Ave	EXIT 439/Soquel Ave	G85-11 (CA)	Y	Y	
1	SB	14.33	N/A	N/A	57	1	41st Avenue NEXT RIGHT	EXIT 438 41st Avenue NEXT EXIT	G86-13 (CA)	N	N	
1	SB	(13.62) 14.03	438	41st Avenue	58	2	EXIT 437/Bay Ave/Porter St/ 1/2 MILE	EXIT 437/Bay Ave/Porter St/ 1/2 MILE	G83-5 (CA)	Y	Y	
							EXIT 438/ 41st Ave	EXIT 438/ 41st Ave	G85-11 (CA)	Y	Y	
1	SB	13.50	N/A	N/A	59	1	Bay Avenue Porter Street EXIT ONLY	EXIT 437 Bay Avenue Porter Street EXIT ONLY	G83-5 (CA) *with* W61D (CA) (Alternate)	N	N	
1	SB	13.19	437	Bay Avenue / Porter Street	60	1	EXIT 437 Bay Ave Porter St EXIT ONLY	EXIT 437 Bay Ave Porter St EXIT ONLY	G85-11 (CA) *with* W61A (CA) *and* W61B (CA)	Y	Y	
1	SB	13.04	N/A	N/A	61	1	EXIT 436 Park Avenue 1 MILE	EXIT 436 Park Avenue 1 MILE	G83-5 (CA)	Y	Y	
1	SB	12.85	N/A	N/A	62	1	Park Avenue NEXT EXIT	EXIT 436 Park Avenue NEXT EXIT	G86-13 (CA)	N	N	

SANTA CRUZ COUNTY
Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCATION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE
1	SB	(12.09) 12.44		Park Avenue	63	2	EXIT 435/State Park Drive/ 1 1/2 MILES	EXIT 435/State Park Drive/ 1 1/2 MILES	G83-5 (CA)	Y	Y	
							EXIT 436 / Park Ave	EXIT 436 / Park Ave	G85-11 (CA)	Y	Y	
1	SB	11.65	N/A	N/A	64	1	State Park Drive 1 Rio Del Mar Blvd 2 1/4 Freedom Boulevard 3	State Park Drive 1 Rio Del Mar Blvd 2 1/4 Freedom Boulevard 4	G23-1 (CA)	N/A	N	
1	SB	11.30	N/A	N/A	65	1	State Park Drive NEXT EXIT	EXIT 435 State Park Drive NEXT EXIT	G86-13 (CA)	N	N	
1	SB	(10.54) 10.86		State Park Drive Seacliff State Beach	66	1	EXIT 435 State Park Dr	EXIT 435 State Park Dr	G85-11 (CA)	Y	Y	
1	SB	10.62	N/A	N/A	67	1	Rio Del Mar Blvd 1 1/4 Freedom Blvd 2 San Andreas Rd 3 1/4	Rio Del Mar Blvd 1 1/4 Freedom Blvd 2 San Andreas Rd 3 1/4	G23-1 (CA)	N/A	N	
1	SB	9.77	N/A	N/A	68	1	EXIT 433 B Rio Del Mar Boulevard NEXT EXIT	EXIT 433 B Rio Del Mar Boulevard NEXT EXIT	G86-13 (CA)	Y	Y	
1	SB	(9.15) 9.6	433 B	Rio Del Mar Boulevard Interchange	69	1	EXIT 433 B Rio Del Mar Blvd	EXIT 433 B Rio Del Mar Blvd	G85-11 (CA)	Y	Y	
1	SB	9.22	N/A	N/A	70	1	Freedom Blvd 1/2 San Andreas Rd 1 1/2 Mar Monte Ave 2 3/4	Freedom Blvd 1/2 San Andreas Rd 1 1/2 Mar Monte Ave 2 3/4	G23-1 (CA)	N/A	N	
1	SB	9.03	N/A	N/A	71	1	EXIT 433 A Freedom Blvd NEXT EXIT	EXIT 433 A Freedom Blvd NEXT EXIT	G86-13 (CA)	Y	Y	
1	SB	(8.36) 8.76	433 A	Freedom Boulevard	72	1	EXIT 433 A Freedom Blvd	EXIT 433 A Freedom Blvd	G85-11 (CA)	Y	Y	
1	SB	8.42	N/A	N/A	73	1	San Andreas Rd Larkin Valley Rd 3/4 MILE	EXIT 432 San Andreas Rd Larkin Valley Rd 3/4 MILE	G83-5 (CA)	N	N	
1	SB	8.06	N/A	N/A	74	1	EXIT 432 Larkin Valley Rd San Andreas Rd NEXT EXIT	EXIT 432 Larkin Valley Rd San Andreas Rd NEXT EXIT	G86-13 (CA)	Y	Y	
1	SB	(7.66) 7.93	432	San Andreas Road / Larkin Valley Road / Seascape	75	1	EXIT 432 San Andreas Rd Larkin Valley Rd	EXIT 432 San Andreas Rd Larkin Valley Rd	G85-11 (CA)	Y	Y	
1	SB	7.77	N/A	N/A	76	1	EXIT 431 Mar Monte Ave 1 MILE	EXIT 431 Mar Monte Ave 1 MILE	G83-5 (CA)	Y	Y	
1	SB	7.22	N/A	N/A	77	1	Mar Monte Ave 1/2 Buena Vista Dr 2 3/4 Airport Blvd 3 3/4	Mar Monte Ave 1/2 Buena Vista Dr 2 3/4 Airport Blvd 3 3/4	G23-1 (CA)	N/A	N	
1	SB	(6.69) 6.73	431	Mar Monte Avenue	78	1	EXIT Mar Monte Ave	EXIT 431 Mar Monte Ave	G85-11 (CA)	Y	Y	
1	SB	5.41	N/A	N/A	79	1	EXIT 428 Buena Vista Dr 1 MILE	EXIT 428 Buena Vista Dr 1 MILE	G83-4 (CA)	Y	Y	
1	SB	4.91	N/A	N/A	80	1	EXIT 428 Buena Vista Dr NEXT EXIT	EXIT 428 Buena Vista Dr NEXT EXIT	G86-12 (CA)	Y	Y	
1	SB	(4.07) 4.51	428	Buena Vista Drive	81	1	Buena Vista Drive	EXIT 428 Buena Vista Drive	G85-11 (CA)	N	N	
1	SB	4.13	N/A	N/A	82	1	Airport Blvd Freedom EXIT 1/2 MILE	EXIT 427 Airport Blvd Freedom 1/2 MILE	G83-5 (CA)	N	N	

SANTA CRUZ COUNTY
Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCATION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE
1	SB	3.75	N/A	N/A	83	1	Airport Blvd 1/4 Watsonville EXIT 152 3/4 Riverside Drive 129 2 1/2	Airport Blvd 1/4 Watsonville EXIT 152 3/4 Riverside Drive 129 2 1/2	G23-3 (CA) *with two shields*	N/A	N	
1	SB	(3.18) 3.46	427	Airport Blvd / Freedom Road	84	3	1 Monterey	1 Monterey	G24-1 (CA)	N/A	N	
							152/Watsonville/Gilroy/JCT 1/2 MILE	EXIT 426 152/Watsonville/Gilroy/JCT 1/2 MILE	G83-5 (CA) with G28-1 (CA)	N	N	
							Airport Blvd/Freedom	Airport Blvd/Freedom	G85-11 (CA)	N/A	N	
1	SB	3.21	N/A	N/A	85	1	Watsonville 152 1/4 Riverside Dr 129 2	Watsonville 152 1/4 Riverside Dr 129 2	G23-2 (CA) *with two shields*	N/A	N	
1	SB	(2.68) 3.05	426	SR-152/Watsonville/Gilroy	86	1	Watsonville Gilroy 152	EXIT 426 Watsonville Gilroy 152	G85-11(CA)	N	N	
1	SB	2.29	N/A	N/A	87	1	Riverside Dr JCT 1 1/4 MILES 129	Riverside Dr JCT 1 1/4 MILES 129	G83-5 (CA) *with* G28-1 (CA)	N/A	N	
1	SB	1.59	N/A	N/A	88	1	Riverside Dr 129 1/2 Salinas Rd 2 1/2 Jensen Rd 4	Riverside Dr 129 1/2 Salinas Rd 2 1/2 Jensen Rd 4	G23-2 (CA)	N/A	N	
1	SB	1.42	N/A	N/A	89	1	Riverside Drive 129 NEXT RIGHT	EXIT 425 Riverside Drive 129 NEXT EXIT	G86-13 (CA) *with* G28-1 (CA)	N	N	
1	SB	(0.72) 1.0	425	Jct. Rte. 129, Riverside Drive	90	1	Riverside Drive 129	EXIT 425 Riverside Drive 129	G85-11 (CA) *with* G28-1 (CA)	N	N	
Highway 9 Southbound												
9	SB	0.11	N/A	N/A	91	1	1 SOUTH Watsonville LEFT LANE	1 SOUTH Watsonville LEFT LANE	G20-5 (CA)	N/A	N	
Highway 17 Northbound												
17	NB	0.18	N/A	N/A	92	1	EXIT 1 Pasatiempo Dr 1/4 MILE	EXIT 1 Pasatiempo Dr 1/4 MILE	G83-5 (CA)	Y	Y	
17	NB	0.47	1	Pasatiempo	93	1	EXIT 1 Pasatiempo Drive	EXIT 1 Pasatiempo Drive	G85-11 (CA)	Y	Y	
17	NB	0.74	N/A	N/A	94	1	EXIT 3 Mt Hermon Rd 2 1/2 MILES	EXIT 3 Mt Hermon Rd 2 1/2 MILES	G83-5 (CA)	Y	Y	
17	NB	2.45	N/A	N/A	95	1	EXIT 3 Mt Hermon Rd 3/4 MILE	EXIT 3 Mt Hermon Rd 3/4 MILE	G83-5 (CA)	Y	Y	
17	NB	2.85	N/A	N/A	96	1	Mt Hermon Road NEXT EXIT	EXIT 3 Mt Hermon Road NEXT EXIT	G86-13 (CA)	N	N	
17	NB	3.13	3	Mt. Hermon Road	97	2	EXIT 5 Granite Crk Rd Scotts Valley Dr 2 1/4 MILES	EXIT 5 Granite Crk Rd Scotts Valley Dr 2 1/4 MILES	G83-5 (CA)	Y	Y	
							EXIT 3 Mt Hermon Rd	EXIT 3 Mt Hermon Rd	G85-11 (CA)	Y	Y	
17	NB	4.95	N/A	N/A	98	1	Granite Creek Rd Scotts Valley Dr NEXT EXIT	EXIT 5 Granite Creek Rd Scotts Valley Dr NEXT EXIT	G86-13 (CA)	N	N	

SANTA CRUZ COUNTY

Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCATION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE
17	NB	5.32	5	Granite Creek Road	99	1	EXIT 5 Granite Creek Rd Scotts Valley Dr	EXIT 5 Granite Creek Rd Scotts Valley Dr	G85-11 (CA)	Y	Y	
17	NB	5.43	N/A	N/A	100	1	EXIT 6 Santas Village Rd NEXT EXIT	EXIT 6 Santas Village Rd NEXT EXIT	G86-13 (CA)	Y	Y	
17	NB	5.80	6	Santas Village Road	101	1	EXIT 6 Santas Village Rd EXIT ONLY	EXIT 6 Santas Village Rd EXIT ONLY	G85-11 (CA) *with* W61C (CA)	Y	Y	
Highway 17 Southbound												
17	SB	5.91	N/A	N/A	102	1	EXIT 5 Scotts Valley Dr Granite Creek Rd 1/4 MILE	EXIT 5 Scotts Valley Dr Granite Creek Rd 1/4 MILE	G83-5 (CA)	Y	Y	
17	SB	5.68	5	Scotts Valley Drive	103	2	EXIT 3 Mt Hermon Road 2 MILES	EXIT 3 Mt Hermon Road 2 MILES	G83-5 (CA)	Y	Y	
							EXIT 5 Scotts Valley Dr Granite Creek Rd	EXIT 5 Scotts Valley Dr Granite Creek Rd	G85-11 (CA)	Y	Y	
17	SB	3.92	N/A	N/A	104	1	Mt Hermon Road NEXT EXIT	EXIT 3 Mt Hermon Road NEXT EXIT	G86-13 (CA)	N	N	
17	SB	3.61	3	Mt Hermon Road	105	2	EXIT 1C Pasatiempo Drive 2 1/2 MILES	EXIT 1C Pasatiempo Drive 2 1/2 MILES	G83-5 (CA)	Y	Y	
							EXIT 3 Mt Hermon Road	EXIT 3 Mt Hermon Road	G85-11 (CA)	Y	Y	
17	SB	1.46	N/A	N/A	106	1	Pasatiempo Drive NEXT EXIT	EXIT 1C Pasatiempo Drive NEXT EXIT	G86-13 (CA)	N	N	
17	SB	1.03	1C	Pasatiempo Drive	107	2	EXIT 1B Watsonville Monterey SOUTH 1 3/4 MILE	EXIT 1B Watsonville Monterey SOUTH 1 3/4 MILE	G83-5 (CA)	Y	Y	
							EXIT 1C Pasatiempo Dr	EXIT 1C Pasatiempo Dr	G85-11 (CA)	Y	Y	
17	SB	0.74	N/A	N/A	108	2	EXIT 1A NORTH 1 Santa Cruz Half Moon Bay	EXIT 1A NORTH 1 Santa Cruz Half Moon Bay	G24-3 (CA) *with* G70-4 (CA)	Y	Y	
							SOUTH 1 Watsonville Monterey NEXT EXIT	EXIT 1B SOUTH 1 Watsonville Monterey NEXT EXIT	G86-13 (CA)	N	N	
17	SB	0.44	N/A	N/A	109	1	SOUTH 1 Watsonville Monterey ONLY	SOUTH 1 Watsonville Monterey ONLY	G24-4 (CA) *with* W61F (CA)	N/A	N	
17	SB	0.27	1B	Route 1 SOUTH	110	2	EXIT 1A NORTH 1 Santa Cruz Half Moon Bay	EXIT 1A NORTH 1 Santa Cruz Half Moon Bay	G24-6 (CA) *with* G70-4 (CA)	Y	Y	
							EXIT 1B SOUTH 1 Watsonville Monterey ONLY	EXIT 1B SOUTH 1 Watsonville Monterey ONLY	G85-11 (CA) with W61B (CA)	Y	Y	

SANTA CRUZ COUNTY
Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCATION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE
17	SB	0.01	NOTE: Accounted for under Highway 1 (NB).									
17	SB	0.00	NOTE: Accounted for under Highway 1 (NB).									
Highway 152 Eastbound												
152	EB		NOTE: Accounted for under Highway 1 (SB).									
TOTAL					**110**	**134**						

TOTAL NUMBER OF OVERHEAD SIGN LOCATIONS:	110
TOTAL NUMBER OF OVERHEAD SIGNS:	134
OVERHEAD SIGNS REPLACED TO DATE:	74
OVEHEAD SIGNS TO BE REPLACED:	60

*If there are two PM values, the top value indicates the interchange PM in parenthesis and the bottom value indicates the true location of the sign structure.

**Proposed sign codes might not match existing signs. New signs will include exit numbers where applicable.

Date: 5/20/2014

MONTEREY COUNTY
Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCATION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE
Highway 1 Northbound												
1	NB	77.42	Shared with NB OH sign structure	N/A	1	1	1 NORTH LEFT LANES	1 NORTH LEFT LANES	G20-5 (CA)	N/A	N	
1	NB	77.72	N/A	N/A	2	2	North Fremont St North Monterey EXIT ONLY	EXIT 401 B North Fremont St North Monterey EXIT ONLY	G86-12 (CA) *with* W61D (CA)(Alternate)	N	N	
							68 EAST Salinas EXIT ONLY	68 EAST Salinas EXIT ONLY	G86-3 (CA) with W61D (CA)(Alternate)	N/A	N	
1	NB	77.62	N/A	N/A	3	1	1 NORTH LEFT LANES	1 NORTH LEFT LANES	G20-5 (CA)	N/A	N	
1	NB	(78.12) 77.74	401 B	North Fremont Street	4	3	1 Santa Cruz San Francisco	1 Santa Cruz San Francisco	G24-6 (CA)	N/A	N	
							North Fremont St	North Fremont St	G24-5 (CA) *without shield*	N/A	N	
							68 Salinas	68 Salinas	G24-5 (CA)	N/A	N	
1	NB	(78.12) 77.84	Note: Accounted for under Highway 68 (EB).									
1	NB	(78.12) 77.86	Note: Accounted for under Highway 68 (EB).									
1	NB	90.20	N/A	N/A	5	2	NORTH 1 Watsonville Santa Cruz	NORTH 1 Watsonville Santa Cruz	G24-5 (CA)	N/A	N	
							EAST 156 Castroville San Jose To 101	EXIT 414 B EAST 156 Castroville San Jose To 101	G85-11 (CA) *with two shields* (G28-1 (CA) *and* G26-1 (CA))	N	N	
Highway 1 Southbound												
1	SB	(78.12) 78.2	401 B	Sep N JCT 68 East	6	3	Pacific Grove/68/WEST 1/Carmel	Pacific Grove/68/WEST 1/Carmel	G24-6 (CA) *with two shields and one arrow*	N/A	N	
							Monterey/EXIT 3/4 MILE	EXIT 401 A Monterey 3/4 MILE	G83-5 (CA)	N	N	
							68 EAST/ Salinas/EXIT ONLY	EXIT 401 B 68 EAST/ Salinas/EXIT ONLY	G85-11 (CA) *with* W61D (CA) (Alternate) *and* G28-1 (CA)	N	N	
1	SB	77.79	N/A	N/A	7	2	1 SOUTH / Carmel/ 68 WEST/ Pacific Grove	1 SOUTH / Carmel/ 68 WEST/ Pacific Grove	G24-6 (CA) *with two shields*	N/A	N	
							Monterey/ EXIT ONLY	EXIT 401 A Monterey/ EXIT ONLY	G82-5 (CA) *with* W61D (CA)(Alternate)	N	N	
1	SB	(77.38) 77.64	401 A	Fremont St (Monterey)	8	1	Monterey EXIT ONLY	EXIT 401 A Monterey EXIT ONLY	G85-11 (CA) *with two diagonal arrows and with* W61C (CA)	N	N	
1	SB	77.60	N/A	N/A	9	1	Pacific Grove 68 WEST 1 Carmel	Pacific Grove 68 WEST 1 Carmel	G24-6 (CA) *with two shields*	N/A	N	
Highway 68 Eastbound												
68	EB	3.95	N/A	N/A	10	1	Salinas 68	Salinas 68	G24-5 (CA)	N/A	N	
68	EB	3.95	N/A	N/A	11	1	North Fremont St	North Fremont St	G24-5 (CA) *without shield*	N/A	N	

MONTEREY COUNTY

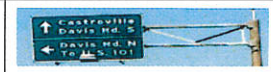
Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCATION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE
Highway 68 Westbound												
68	WB	4.52	N/A	N/A	12	2	SOUTH 1 WEST 68 Central Monterey	SOUTH 1 WEST 68 Central Monterey	G24-5 (CA)	N/A	N	
							NORTH 1 Seaside Santa Cruz	NORTH 1 Seaside Santa Cruz	G24-5 (CA)	N/A	N	
68	WB	4.35	7A	SR-1 South	13	1	SOUTH 1 WEST 68 Central Monterey	EXIT 7A SOUTH 1 WEST 68 Central Monterey	G85-11 (CA)	N	N	
68	WB	4.30	N/A	N/A	14	1	Seaside Santa Cruz NORTH 1	EXIT 7B Seaside Santa Cruz NORTH 1	G85-11 (CA)	N	N	
68	WB	4.15 Along Off Ramp	7B	SR-1 North	15	1	NORTH 1 Santa Cruz	NORTH 1 Santa Cruz	G85-6 (CA)	N/A	N	
68	WB	4.13 Along Off Ramp	N/A	N/A	16	1	North Fremont St	North Fremont St	G85-2 (CA)	N/A	N	
Highway 101 Northbound												
101	NB	(39.77) 39.6	281	First Street	17	1	King City First Street	EXIT 281 King City First Street	G85-11 (CA)	N	N	
101	NB	39.80	N/A	N/A	18	1	101 Salinas San Francisco	101 Salinas San Francisco	G24-4 (CA)	N/A	N	
101	NB	(52.66) 52.4	293	Greenfield	19	1	Greenfield	EXIT 293 Greenfield	G85-11 (CA)	N	N	
101	NB	(69.37) 69.05	310	Gonzales / Gloria Road	20	1	Gonzales	EXIT 310 Gonzales	G85-11 (CA)	N	N	
101	NB	85.62	326 A	Airport Blvd	21	2	Fairview Ave EXIT 1/4 MILE	EXIT 326 B Fairview Ave 1/4 MILE	G83-5 (CA)	N	N	
							Airport Blvd EXIT 20 MPH	EXIT 326 A Airport Blvd EXIT 20 MPH	G85-11 (CA) W13-2	N	N	
101	NB	(86.12) 85.96	326 B	Fairview Avenue/Sanborn Road	22	2	Monterey Peninsula EXIT 1/4 MILE	EXIT 326 C Monterey Peninsula 1/4 MILE	G83-5 (CA)	N	N	
							Fairview Avenue	EXIT 326 B Fairview Avenue	G85-11 (CA)	N	N	
101	NB	(86.12) 86.22	326 C	Monterey Peninsula/Sanborn Road	23	3	101 NORTH San Jose San Francisco	101 NORTH San Jose San Francisco	G24-4 (CA)	N/A	N	
							John St EXIT 1/2 MILE	EXIT 327 John St 1/2 MILE	G83-5 (CA)	N	N	
							Monterey Peninsula EXIT 20 MPH	EXIT 326 C Monterey Peninsula EXIT 20 MPH	G85-11 (CA) with W13-2	N	N	
101	NB	(86.82) 86.6	327	68 West / John Street	24	1	John St	EXIT 327 John St	G85-11 (CA)	N	N	
101	NB	86.90	N/A	N/A	25	1	Market St 1/2 No. Main St 1 1/4 Laurel Drive 2	Market St 1/2 No. Main St 1 1/4 Laurel Drive 2	G23-1 (CA)	N/A	N	
101	NB	(87.3) 87.4	328	Market Street to 183	26	2	Market St	EXIT 328 Market St	G85-11 (CA)	N	N	
							To 183	To 183	SG with G28-1 (CA)	N/A	N	

MONTEREY COUNTY
Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCATION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE
101	NB	88.24	329	183 / North Main Street	27	2	101 San Jose San Francisco	101 San Jose San Francisco	G24-4 (CA)	N/A	N	
							North Main St	EXIT 329 North Main St	G85-11 (CA)	N	N	
101	NB	(96.14) 95.82	337	San Miguel Canyon Road	28	1	EXIT 337 San Miguel Canyon Rd	EXIT 337 San Miguel Canyon Rd	G85-11 (CA)	Y	Y	
Highway 101 Southbound												
101	SB	(96.14) 96.48	337	San Miguel Canyon Road	29	1	EXIT 337 San Miguel Canyon Road	EXIT 337 San Miguel Canyon Road	G85-11 (CA)	Y	Y	
101	SB	(95.44) 95.58	Along Off Ramp Exit 336	156 West to Castroville	30	2	WEST 156 Monterey Peninsula ONLY	WEST 156 Monterey Peninsula ONLY	G24-5 (CA) *with W61B(CA)*	N/A	N	
							Prunedale Rd to 101 NORTH EXIT ONLY	Prunedale Rd to 101 NORTH EXIT ONLY	G24-5 (CA) *with* W61C (CA)	N/A	N	
101	SB	(88.24) 88.5	329	Salinas / Main Street	31	1	Salinas Main St	EXIT 329 Salinas Main St	G85-11 (CA)	N	N	
101	SB	88.00	N/A	N/A	32	1	Market St 1/2 John St 1 Monterey Peninsula 1 1/2	Market St 1/2 John St 1 Monterey Peninsula 1 1/2	G23-1 (CA)	N/A	N	
101	SB	(87.3) 87.49	328	Market Street to 183	33	2	John St EXIT 1/2 MILE	EXIT 327 John St 1/2 MILE	G83-5 (CA)	N	N	
							Market St	EXIT 328 Market St	G85-11 (CA)	N	N	
101	SB	87.30	N/A	N/A	34	1	Monterey Peninsula 1 Airport Blvd 1 1/2	Monterey Peninsula 1 Airport Blvd 1 1/2	G23-1 (CA)	N/A	N	
101	SB	(86.82) 87.0	327	68 West / John Street	35	2	Monterey Peninsula EXIT 3/4 MI	EXIT 326 C Monterey Peninsula 3/4 MILE	G83-5 (CA)	N	N	
							John Street	EXIT 327 John Street	G85-11 (CA)	N	N	
101	SB	(86.12) 86.32	326 B	Sanborn Rd/Fairview Ave (Monterey Peninsula)	36	3	SOUTH 101 San Luis Obispo Los Angeles	SOUTH 101 San Luis Obispo Los Angeles	G24-4 (CA)	N/A	N	
							Airport Blvd EXIT 1/2 MILE	EXIT 326 A Airport Blvd 1/2 MILE	G83-5 (CA)	N	N	
							Monterey Peninsula	EXIT 326 B Monterey Peninsula	G85-11 (CA)	N	N	
101	SB	(85.62) 85.76	326 A	Airport Blvd	37	2	Airport Blvd	EXIT 326 A Airport Blvd	G85-11 (CA)	N	N	
							EXIT 25MPH	EXIT 25MPH	W13-2	N/A	N	
101	SB	(72.61) 72.83	313	Gonzales	38	1	Gonzales	EXIT 313 Gonzales	G85-11 (CA)	N	N	
101	SB	41.18	282 B	Broadway	39	2	King City Broadway	EXIT 282 B King City Broadway	G85-11 (CA)	N	N	
							W4-14 (CA) 25	W4-14 (CA) 25	W4-14 (CA)	N/A	N	
101	SB	41.10	N/A	N/A	40	1	San Luis Obispo Los Angeles 101	San Luis Obispo Los Angeles 101	G24-4 (CA)	N/A	N	

MONTEREY COUNTY
Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCATION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE
Highway 156 Eastbound												
156	EB	5.22		Route 101/156 Separation	41	1	156 EAST 101 NORTH Hollister San Francisco W4-14 (CA) 20	156 EAST 101 NORTH Hollister San Francisco W4-14 (CA) 20	G85-6 (CA) *with two shields and* W4-14 (CA) 20	N/A	N	
Highway 183 Northbound												
183	NB	0.00	N/A	Route 101/183 Separation	42	2	101 SOUTH Los Angeles	101 SOUTH Los Angeles	G85-6 (CA)	N/A	Y	
							183 Salinas	183 Salinas	G85-6 (CA) with two arrows	N/A	Y	
183	NB	0.51	N/A	NOTE: This structure has a sign on the back side for SB traffic "NO LEFT TURN"	43	2	US 101 BUSINESS Salinas St	US 101 BUSINESS Salinas St	G85-6 (CA)	N/A	N	
							Market St Castroville 183	Market St Castroville 183	G85-6 (CA)	N/A	N	
183	NB	1.76	N/A	N/A	44	1	Castroville Davis Rd. S Davis Rd. N To U.S. 101	Castroville Davis Rd. S Davis Rd. N To U.S. 101	G8-13(CA)	N/A	N	
183	NB	1.91	N/A	N/A	45	1	Castroville 183 Davis Rd. S	Castroville 183 Davis Rd. S	G8-7(CA) *with one shield*	N/A	N	
Highway 183 Southbound												
183	SB	1.91		Davis Road	46	1	Central Salinas Davis Rd. N To U.S. 101	Central Salinas Davis Rd. N To U.S. 101	G8-13(CA)	N/A	N	
183	SB	0.51	N/A	NOTE: This sign is on the back of the NB Overhead sign structure. This sign was deleted from the CA MUTCD with target compliance date January 1, 2010.	47	1	NO LEFT TURN	R3-2	R3-2	N/A	N	
183	SB	0.09	N/A	N/A	48	1	NORTH 101 San Jose San Francisco LEFT LANE	NORTH 101 San Jose San Francisco NEXT LEFT	G86-7 (CA)	N/A	N	
183	SB	0.00	N/A	Route 101/183 Separation	49	2	101 NORTH San Francisco	101 NORTH San Francisco	G85-6 (CA)	N/A	Y	
							North Main St	North Main St	G85-5 (CA)	N/A	Y	
TOTAL					**49**	**73**						

TOTAL NUMBER OF OVERHEAD SIGN LOCATIONS:	49
TOTAL NUMBER OF OVERHEAD SIGNS:	73
OVERHEAD SIGNS REPLACED TO DATE:	6
OVEHEAD SIGNS TO BE REPLACED:	67

*If there are two PM values, the top value indicates the interchange PM in parenthesis and the bottom value indicates the true location of the sign structure.

**Proposed sign codes might not match existing signs. New signs will include exit numbers where applicable.

Date: 5/20/2014

SAN LUIS OBISPO COUNTY
Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCATION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE OF EXISTING SIGN (As of September 2011)
Highway 1 Northbound												
1	NB	(34.91) 34.8	284	Cayucos	1	2	1 Monterey Peninsula	1 Monterey Peninsula	G24-1 (CA)	N/A	N	
							Cayucos	EXIT 284 Cayucos	G85-11 (CA)	N	N	
Highway 41 Northbound												
41	NB	15.89	N/A	N/A	2	1	41	41	Special Guide (SG) Sign	N/A	N	
Highway 46 Eastbound												
46	EB	21.95	N/A	N/A	3	1	R61-1 (CA)	R61-1 (CA)	R61-1 (CA)	N/A	N	
Highway 46 Westbound												
46	WB	29.80	N/A	Route 101/46 Separation	4	2	46 WEST / 101 SOUTH	46 WEST / 101 SOUTH	G24-5 (CA)	N/A	N	
							Nacimiento Lake	Nacimiento Lake	G24-6 (CA)	N/A	N	
46	WB	21.97	N/A	N/A	5	1	SOUTH 101 ONLY	SOUTH 101 ONLY	G24-5 (CA)	N/A	N	
Highway 101 Northbound												
101	NB	(16.4) 16.15	190	Price Street	6	2	Wadsworth Ave 1/2 MILE	EXIT 191 A Wadsworth Ave 1/2 MILE	G83-5 (CA)	N	N	
							Price Street EXIT ONLY	EXIT 190 Price Street EXIT ONLY	G85-11 (CA) *with* W61C (CA)	N	N	
101	NB	28.50	N/A	N/A	7	1	Osos St 1/2 Morro Bay Rte 1 3/4 California Blvd 1	Osos St 1/2 Morro Bay Rte 1 3/4 California Blvd 1	G23-3 (CA)	N/A	N	
101	NB	(28.73) 28.6	202 B	Broad Street	8	1	Broad Street	EXIT 202 B Broad Street	G85-11 (CA)	N	N	
101	NB	(29.07) 29.04	203 B	1 North to Morro Bay / Hearst Castle	9	2	NORTH 101 Salinas San Francisco	NORTH 101 Salinas San Francisco	G24-4 (CA)	N/A	N	
							Morro Bay Hearst Castle NORTH 1	EXIT 203 B Morro Bay Hearst Castle NORTH 1	G85-11(CA) *combined with* G28-1(CA)	N	N	
101	NB	29.20	N/A	N/A	10	1	California Blvd 1/4 Grand Ave 1/2 Monterey St 1 1/4	California Blvd 1/4 Grand Ave 1/2 Monterey St 1 1/4	G23-1 (CA)	N/A	N	
101	NB	(29.38) 29.35	203 C	California Blvd	11	3	Grand Ave Cal Poly EXIT 1/4 MILE	EXIT 203 D Grand Ave Cal Poly 1/4 MILE	G83-5 (CA)	N	N	
							California Blvd	EXIT 203 C California Blvd	G85-11 (CA)	N	N	
							W4-10(CA) 20	W4-10(CA) 20	W4-10 (CA)	N/A	N	
101	NB	(29.77) 29.58	203 D	Grand Avenue	12	1	Grand Avenue Cal Poly EXIT ONLY	EXIT 203 D Grand Avenue Cal Poly EXIT ONLY	G86-13 (CA) *with* W61C (CA)	N	N	
101	NB	(45.57) 45.36	219	Sep JCT 41 (Atascadero)	13	1	EXIT 219 41 Morro Rd	EXIT 219 41 Morro Rd	G85-11 (CA) *with* G28-1 (CA)	Y	Y	
101	NB	(55.67) 55.32	229	Spring Street	14	1	Spring St	EXIT 229 Spring St	G85-11 (CA)	N	N	
101	NB	(57.92) 57.72	231	Sep N JCT 46 East (to Fresno / Bakersfield)	15	1	Fresno Bakersfield 46	EXIT 231 Fresno Bakersfield 46	G85-11 (CA) *with* G28-1 (CA)	N	N	

SAN LUIS OBISPO COUNTY
Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCATION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE OF EXISTING SIGN (As of September 2011)
Highway 101 Southbound												
101	SB	(58.76) 59.01	232	Spring Street	16	1	EXIT 232 Spring St	EXIT 232 Spring St	G85-11 (CA)	Y	Y	
101	SB	54.12	Along Off Ramp Exit 228	46 West to Cambria / Hearst Castle	17	3	Ramada Dr	Ramada Dr	G24-5 (CA)	N/A	N	
							Theatre Dr	Theatre Dr	G24-5 (CA)	N/A	N	
							Vine St 46 WEST	Vine St 46 WEST	G24-5 (CA)	N/A	N	
101	SB	30.00	N/A	N/A	18	1	California Blvd 1/2 Morro Bay 1 3/4 Santa Rosa St 1	California Blvd 1/2 Morro Bay 1 3/4 Santa Rosa St 1	G23-3 (CA)	N/A	N	
101	SB	(29.07) 29.35	203B	1 North to Morro Bay / Hearst Castle	19	2	SOUTH 1 101 Santa Barbara Los Angeles	SOUTH 1 101 Santa Barbara Los Angeles	G24-4 (CA)	N/A	N	
							Morro Bay NORTH 1 14FT11IN	EXIT 203 B Morro Bay NORTH 1 14FT11IN	G85-11 (CA) *with* W12-2p	N	N	
101	SB	29.20	N/A	N/A	20	1	Santa Rosa St 1/4 Broad St 1/2 Marsh St 3/4	Santa Rosa St 1/4 Broad St 1/2 Marsh St 3/4	G23-1 (CA)	N/A	N	
101	SB	(28.95) 29.02	203A	Santa Rosa Street	21	2	Santa Rosa Street	EXIT 203 A Santa Rosa Street	G85-11 (CA)	N	N	
							14FT11IN	14FT11IN	W12-2p	N/A	N	
101	SB	(17.24) 17.3	191A	Pismo Beach / South JCT 101/1	22	1	1 SOUTH Pismo Beach	EXIT 191 A 1 SOUTH Pismo Beach	G85-11 (CA) *with* *G28-1 (CA)*	N	N	
101	SB	15.58	189	4th Street	23	1	4 th St EXIT ONLY	EXIT 189 4 th St EXIT ONLY	G85-11 (CA) *with* W61-D (CA)	N	N	
101	SB	(13.17) 13.37	187A	227 North / Grand Avenue	24	1	227 Grand Ave	EXIT 187 A 227 Grand Ave	W85-11 (CA) *with* *G28-1 (CA)*	N	N	
101	SB	(0.81) 1.06	175	166 East to Maricopa / Bakersfield	25	1	EAST 166 Maricopa Bakersfield	EXIT 175 EAST 166 Maricopa Bakersfield	W85-11 (CA) *with* *G28-1 (CA)*	N	N	
					25	**35**						

TOTAL NUMBER OF OVERHEAD SIGN LOCATIONS:	25
TOTAL NUMBER OF OVERHEAD SIGNS:	35
OVERHEAD SIGNS REPLACED TO DATE:	2
OVEHEAD SIGNS TO BE REPLACED:	33

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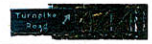
Date: 5/20/2014

SANTA BARBARA COUNTY
Overhead Signs

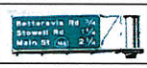
ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCA-TION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE OF EXISTING SIGN (As of September 2011)
Highway 1 Northbound												
1	NB	29.8	N/A	N/A	1	2	Vandenberg AFB BASE TRAFFIC VISITORS	Vandenberg AFB BASE TRAFFIC VISITORS	G24-6 (CA) *without shield*	N/A	N	
							NORTH 1	NORTH 1	G24-5 (CA) *with right arrow*	N/A	N	
1	NB	34.5	226	SR-135	2	2	1 Guadalupe	1 Guadalupe	G24-1 (CA)	N/A	N	
							Orcutt 135 Santa Maria	EXIT 226 Orcutt 135 Santa Maria	G85-11 (CA) *with* G28-1 (CA)	N	N	
Highway 1 Southbound												
1	SB	(0) 0.36	N/A	Las Cruces, Jct. Rte. 101 / 1	3	2	SOUTH 101/Santa Barbara/Los Angeles	SOUTH 101/Santa Barbara/Los Angeles	G24-3 (CA)	N/A	N	
							San Luis Obispo/San Francisco/NORTH 101	San Luis Obispo/San Francisco/NORTH 101	G24-3 (CA)	N/A	N	
Highway 101 Northbound												
101	NB	11.11	94 C	Cabrillo Blvd (Left Exit)	4	1	N/A	EXIT 94 C Cabrillo Blvd	G85-11 (CA)	Y	Y	N/A
101	NB	11.60	N/A	N/A	5	1	EXIT 95 Salinas St EXIT ONLY	EXIT 95 Salinas St EXIT ONLY	G83-5 (CA) *combined with* W61D (CA)(Alternate)	Y	Y	
101	NB	(11.65) 11.9	95	Salinas St	6	1	EXIT 95 Salinas St EXIT ONLY	EXIT 95 Salinas St EXIT ONLY	G85-11 (CA) *combined with* W61C (CA)	Y	Y	
101	NB	12.13	N/A	N/A	7	2	Laguna St Garden St 1 1/4 Downtown	Laguna St Garden St 1 1/4 Downtown	G23-1(CA)	Y	Y	
							EXIT 96 A Milpas St 1/2 MILE	EXIT 96 A Milpas St 1/2 MILE	G83-5 (CA)	Y	Y	
101	NB	(12.75) 12.3	96 A	144 / Milpas Street	8	1	Milpas St EXIT 96A	Milpas St EXIT 96A	G85-11(CA)	Y	Y	
101	NB	13.00	N/A	N/A	9	1	Laguna/Garden Sts Downtown NEXT RIGHT	EXIT 96 B Laguna/Garden Sts Downtown NEXT EXIT	G86-13(CA)	N	N	
101	NB	(13.49) 13.1	96 B	Laguna Street / Garden Street	10	2	Bath St 3/4 Carrillo St 1 1/4	Bath St 3/4 Carrillo St 1 1/4	G23-1(CA)	N/A	N	
							Laguna St Garden St	EXIT 96B Laguna St Garden St	G85-11(CA)	Y	Y	
101	NB	13.30	Along Exit Ramp 96A	N/A	11	2	Garden St Downtown Laguna St	EXIT 96A Garden St Downtown Laguna St	G85-11(CA) *with diagrammatic arrow*	N	N	
							30	30	W1-2a	N/A	N	
101	NB	13.73	N/A	N/A	12	1	Bath St NEXT RIGHT	EXIT 97 Bath St NEXT EXIT	G86-13(CA)	N	N	
101	NB	(14.19) 13.9	97	Bath Street	13	2	Carrillo St 1/2 MILE	Carrillo St 1/2 MILE	G23-1(CA)	N/A	N	
							Bath St	EXIT 97 Bath St	G85-11(CA)	N	N	
101	NB	(14.76) 14.42	98 A	Carrillo Street	14	2	Arrellaga Street 3/4 MILE	Arrellaga Street 3/4 MILE	G23-1(CA)	N/A	N	
							Carrillo St	EXIT 98A Carrillo St	G85-11(CA)	N	N	

SANTA BARBARA COUNTY
Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCATION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE OF EXISTING SIGN (As of September 2011)
101	NB	15.00	N/A	N/A	15	1	Arrellaga St 1/4 Mission St 1/2 Pueblo St 1	Arrellaga St 1/4 Mission St 1/2 Pueblo St 1	G23-1(CA)	N/A	N	
101	NB	(15.26) 15.18	98 B	Arrellaga Street	16	2	Mission St 1/4 MILE	Mission St 1/4 MILE	G23-1(CA)	N/A	N	
							Arrellaga St	EXIT 98B Arrellaga St	G85-11(CA)	N	N	
101	NB	(15.73) 15.48	99 A	Mission Street	17	1	Mission St	EXIT 99A Mission St	G85-11(CA)	N	N	
101	NB	16.05	N/A	N/A	18	1	Pueblo St 1/4 Los Positas Rd 1/2 La Cumbre/Hope 1 1/2	Pueblo St 1/4 Los Positas Rd 1/2 La Cumbre/Hope 1 1/2	G23-1(CA)	N/A	N	
101	NB	(16.05) 15.91	99 B	Pueblo Street	19	2	225 EAST Las Positas Rd 1/4 MILE	EXIT 100 225 EAST Las Positas Rd 1/4 MILE	G83-5(CA)	N	N	
							Pueblo St	EXIT 99B Pueblo St	G85-11(CA)	N	N	
101	NB	(16.55) 16.18	100	225 / Las Positas Road	20	2	La Cumbre Rd Hope Ave 1 1/4	La Cumbre Rd Hope Ave 1 1/4	G23-1(CA)	N/A	N	
							Las Positas Rd	EXIT 100 Las Positas Rd	G85-11(CA)	N	N	
101	NB	17.05	N/A	N/A	21	1	La Cumbre Rd Hope Ave 1/4 State St 154 3/4	La Cumbre Rd Hope Ave 1/4 State St 154 3/4	G23-4 (CA)	N/A	N	
101	NB	(17.78) 17.22	101 A	La Cumbre Road	22	1	La Cumbre Rd Hope Ave	EXIT 101A La Cumbre Rd Hope Ave	G85-11(CA)	N	N	
101	NB	(18.36) 17.82	101 B	154 / State Street	23	1	State St 154 Cachuma Lake	EXIT 101B State St 154 Cachuma Lake	G85-11(CA) *combined with* G28-1(CA)	N	N	
101	NB	(18.92) 18.68	102	El Sueno Road	24	1	El Sueno Road	EXIT 102 El Sueno Road	G85-11(CA)	N	N	
101	NB	19.20	N/A	N/A	25	1	Turnpike Rd 3/4 MILE	Turnpike Rd 3/4 MILE	G23-1(CA)	N/A	N	
101	NB	19.40	N/A	N/A	26	1	Turnpike Rd 1/2 Patterson Ave 1 1/2 217 *Airport Symbol* UCSB 1 3/4	Turnpike Rd 1/2 Patterson Ave 1 1/2 217 *Airport Symbol* UCSB 1 3/4	G23-4 (CA) *combined with* I-5	N/A	N	
101	NB	(20.06) 19.72	103	Turnpike Road	27	1	Turnpike Road	EXIT 103 Turnpike Road	G85-11(CA)	N	N	
101	NB	20.00	N/A	N/A	28	1	Patterson Ave 1 MILE	EXIT 104A Patterson Ave 1 MILE	G83-5(CA)	N	N	
101	NB	20.60	N/A	N/A	29	1	Patterson Ave 1/4 Airport 217 UCSB 1/2	Patterson Ave 1/4 Airport 217 UCSB 1/2	G23-4(CA)	N/A	N	
101	NB	(21.16) 20.94	104 A	Patterson Avenue	30	2	217 Airport UCSB 1/4 MILE	EXIT 104 B 217 Airport UCSB 1/4 MILE	G83-5(CA)	N	N	
							Patterson Avenue	EXIT 104A Patterson Avenue	G85-11(CA)	N	N	
101	NB	(21.41) 21.11	104 B	Sep JCT 101/217	31	2	Fairview Ave 1 1/4 MILES	EXIT 105 Fairview Ave 1 1/4 MILES	G83-5 (CA)	N	N	
							217 Airport UCSB	EXIT 104B 217 Airport UCSB	G85-11(CA) *combined with* G28-1(CA)	N	N	

SANTA BARBARA COUNTY

Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCA-TION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE OF EXISTING SIGN (As of September 2011)
101	NB	21.85	N/A	N/A	32	1	Fairview Ave NEXT RIGHT	EXIT 105 Fairview Ave NEXT EXIT	G86-13(CA)	N	N	
101	NB	(22.53) 22.1	105	Fairview Avenue	33	1	Fairview Ave	EXIT 105 Fairview Ave	G85-11(CA)	N	N	
101	NB	(23.71) 23.36	107	Los Carneros Road	34	1	Los Carneros Road	EXIT 107 Los Carneros Road	G85-11(CA)	N	N	
101	NB	(24.79) 24.15	108	Glen Annie Road / Storke Road	35	1	Glen Annie Rd Storke Rd	EXIT 108 Glen Annie Rd Storke Rd	G85-11(CA)	N	N	
101	NB	48.48	132	SR 1	36	2	101 San Luis Obispo San Francisco	101 San Luis Obispo San Francisco	G24-4 (CA)	N/A	N	
							1 Lompoc Vandenberg AFB	EXIT 132 1 Lompoc Vandenberg AFB	G85-11(CA) *combined with* G28-1(CA)	N	N	
101	NB	(56.46) 56.2	139	Santa Rosa Road	37	1	Santa Rosa Rd	EXIT 139 Santa Rosa Rd	G85-11(CA)	N	N	
101	NB	85.35	N/A	N/A	38	1	EXIT 169 Betteravia Rd 1 MILE	EXIT 169 Betteravia Rd 1 MILE	G83-5 (CA)	Y	Y	
101	NB	85.67	N/A	N/A	39	1	Betteravia Rd 3/4 Stowell Rd 1 1/4 Main St 166 2 1/4	Betteravia Rd 3/4 Stowell Rd 1 1/4 Main St 166 2 1/4	G23-4 (CA)	N/A	Y	
101	NB	(86.59) 86.28	169	Betteravia Road	40	1	EXIT 169 Betteravia Rd	EXIT 169 Betteravia Rd	G85-11 (CA)	Y	Y	
101	NB	86.90	N/A	N/A	41	1	EXIT 170 Stowell Rd 3/4 MILE	EXIT 170 Stowell Rd 3/4 MILE	G83-5 (CA)	Y	Y	
101	NB	87.24	N/A	N/A	42	1	Stowell Rd NEXT EXIT	EXIT 170 Stowell Rd NEXT EXIT	G86-13 (CA)	Y	Y	
101	NB	(87.6) 87.55	170	Stowell Road	43	1	EXIT 170 Stowell Rd	EXIT 170 Stowell Rd	G85-11 (CA)	Y	Y	
101	NB	87.75	N/A	N/A	44	1	EXIT 171 166 WEST Santa Maria Guadalupe 3/4 MILE	EXIT 171 166 WEST Santa Maria Guadalupe 3/4 MILE	G83-5 (CA) *combined with* G28-1(CA)	Y	Y	
101	NB	88.05	N/A	N/A	45	1	166 Main St 1/4 Donovan Rd 1 1/4 Broadway 2 3/4	166 Main St 1/4 Donovan Rd 1 1/4 Broadway 2 3/4	G23-2 (CA)	N/A	Y	
101	NB	(88.6) 88.29	171	166 West / Main Street	46	2	166 EAST Maricopa Bakersfield 3 MILES	166 EAST Maricopa Bakersfield 3 MILES	G83-2 (CA)	N/A	Y	
							166 WEST Santa Maria Guadalupe EXIT 171	166 WEST Santa Maria Guadalupe EXIT 171	G85-11 (CA) *combined with* G28-1 (CA)	Y	Y	
101	NB	88.58	N/A	N/A	47	1	EXIT 172 Donovan Rd 1 MILE	EXIT 172 Donovan Rd 1 MILE	G83-5 (CA)	Y	Y	
101	NB	(89.69) 89.35	172	Donovan Road	48	1	EXIT 172 Donovan Rd	EXIT 172 Donovan Rd	G85-11 (CA)	Y	Y	
101	NB	89.86	N/A	N/A	49	1	EXIT 173 135 Broadway 1MILE	EXIT 173 135 Broadway 1MILE	G83-5 (CA) *combined with* G28-1(CA)	Y	Y	
101	NB	90.20	N/A	N/A	50	1	135 Broadway EXIT ONLY	EXIT 173 135 Broadway EXIT ONLY	G86-13 (CA) *with* G28-1 (CA) *and* *W61D (CA)(Alternate)*	Y	Y	
101	NB	(90.75) 90.7	173	135 South	51	1	EXIT 173 135 Broadway EXIT ONLY	EXIT 173 135 Broadway EXIT ONLY	G85-11 (CA) *with* G28-1 (CA) *and* W61C (CA)	Y	Y	

SANTA BARBARA COUNTY
Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCA-TION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE OF EXISTING SIGN (As of September 2011)
Highway 101 Southbound												
101	SB	(90.75) 90.98	173	135 South	52	1	135 Broadway EXIT 35 MPH	EXIT 173 135 Broadway EXIT 35 MPH	W85-11 (CA) *with* G28-1 (CA) *W13-2*	N	N	
101	SB	90.75	N/A	N/A	53	1	EXIT 172 Donovan Rd 1 MILE	EXIT 172 Donovan Rd 1 MILE	G83-5 (CA)	Y	Y	
101	SB	90.42	N/A	N/A	54	1	Donovan Rd 3/4 Main St 166 1 3/4 Stowell Rd 2 3/4	Donovan Rd 3/4 Main St 166 1 3/4 Stowell Rd 2 3/4	G23-3 (CA)	N/A	Y	
101	SB	(89.69) 90.05	172	Donovan Road	55	1	EXIT 172 Donovan Rd	EXIT 172 Donovan Rd	G85-11 (CA)	Y	Y	
101	SB	89.40	N/A	N/A	56	1	EXIT 171 WEST 166 Santa Maria Guadalupe 1MILE	EXIT 171 WEST 166 Santa Maria Guadalupe 1MILE	G83-5 (CA) *with* G28-1 (CA)	Y	Y	
101	SB	89.10	N/A	N/A	57	1	Main St 166 WEST 1/2 Stowell Rd 1 1/2 Betteravia Rd 2 1/2	Main St 166 WEST 1/2 Stowell Rd 1 1/2 Betteravia Rd 2 1/2	G23-2 (CA)	N/A	N	
101	SB	(88.6) 88.9	171	166 West / Main Street	58	1	EXIT 171 WEST 166 Santa Maria Guadalupe	EXIT 171 WEST 166 Santa Maria Guadalupe	G85-11 (CA) with G28-1 (CA)	Y	Y	
101	SB	88.65	N/A	N/A	59	1	EXIT 170 Stowell Rd 3/4 MILE	EXIT 170 Stowell Rd 3/4 MILE	G83-5 (CA)	Y	Y	
101	SB	88.05	N/A	N/A	60	1	Stowell Rd 1/2 Betteravia Rd 1 1/2 Santa Maria Eay 3 3/4	Stowell Rd 1/2 Betteravia Rd 1 1/2 Santa Maria Eay 3 3/4	G23-1 (CA)	N/A	Y	
101	SB	(87.6) 87.64	170	Stowell Road	61	1	EXIT 170 Stowell Rd	EXIT 170 Stowell Rd	G85-11 (CA)	Y	Y	
101	SB	87.44	N/A	N/A	62	1	EXIT 169 Betteravia Rd 3/4 MILE	EXIT 169 Betteravia Rd 3/4 MILE	G83-5 (CA)	Y	Y	
101	SB	(86.59) 86.82	169	Betteravia Road	63	1	EXIT 169 Betteravia Rd	EXIT 169 Betteravia Rd	G85-11 (CA)	Y	Y	
101	SB	85.47	N/A	N/A	64	1	EXIT 167 Santa Maria Way 1 MILE	EXIT 167 Santa Maria Way 1 MILE	G83-5 (CA)	Y	Y	
101	SB	85.20	N/A	N/A	65	1	Santa Maria Way EXIT ONLY	EXIT 167 Santa Maria Way EXIT ONLY	G86-13 (CA) *with* W61D (CA)(Alternate)	Y	Y	
101	SB	(84.34) 84.63	167	Santa Maria Way	66	1	EXIT 167 Santa Maria Way EXIT ONLY	EXIT 167 Santa Maria Way EXIT ONLY	G85-11 (CA) *with* W61C (CA)	Y	Y	
101	SB	(57.55) 57.82	140 B	Avenue of the Flags	67	1	Avenue of The Flags	EXIT 104 B Avenue of The Flags	G85-11 (CA)	N	N	
101	SB	(57.12) 57.2	140 A	Sep JCT 101/246	68	1	Solvang Lompoc 246	EXIT 104 A Solvang Lompoc 246	G85-11 (CA) *with* G28-1 (CA)	N	N	
101	SB	(24.79) 25.08	108	Glen Annie Road / Storke Road	69	1	Glen Annie Rd Storke Rd	EXIT 108 Glen Annie Rd Storke Rd	G85-11 (CA)	N	N	
101	SB	24.34	N/A	N/A	70	1	Los Carneros Rd EXIT ONLY	EXIT 107 Los Carneros Rd EXIT ONLY	G86-13 (CA) *with* W61D (CA)(Alternate)	N	N	
101	SB	(23.71) 23.98	107	Los Carneros Road	71	1	Los Carneros Road EXIT ONLY	EXIT 107 Los Carneros Road EXIT ONLY	G85-11 (CA) *with* W61C (CA)	N	N	
101	SB	(22.53) 22.77	105	Fairview Avenue	72	1	Fairview Ave	EXIT 105 Fairview Ave	G85-11 (CA)	N	N	

SANTA BARBARA COUNTY

Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCA-TION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE OF EXISTING SIGN (As of September 2011)
101	SB	21.90	N/A	N/A	73	1	Patterson Ave 1/2 Turnpike Rd 1 1/2 State St 154 3	Patterson Ave 1/2 Turnpike Rd 1 1/2 State St 154 3	G23-4 (CA)	N/A	N	
101	SB	(21.16) 21.57	104	Patterson Avenue	74	2	Turnpike Rd 1 1/4 MILES	EXIT 103 Turnpike Rd 1 1/4 MILES	G83-5 (CA)	N	N	
							Patterson Ave	EXIT 104 Patterson Ave	G85-11 (CA)	N	N	
101	SB	20.65	N/A	N/A	75	1	Turnpike Rd 1/4 State St 154 1 3/4 La Cumbre Rd 2 1/2	Turnpike Rd 1/4 State St 154 1 3/4 La Cumbre Rd 2 1/2	G23-3 (CA)	N/A	N	
101	SB	(20.06) 20.29	103	Turnpike Road	76	1	Turnpike Rd	EXIT 103 Turnpike Rd	G85-11 (CA)	N	N	
101	SB	20.05	N/A	N/A	77	1	State St 154 1 MILE	EXIT 101 B State St 154 1 MILE	G83-5 (CA) *with* G28-1 (CA)	N	N	
101	SB	19.50	N/A	N/A	78	1	State St 154 1/2 La Cumbre Rd 1 1/4 Las Positas Rd 2 1/2	State St 154 1/2 La Cumbre Rd 1 1/4 Las Positas Rd 2 1/2	G23-1 (CA)	N/A	N	
101	SB	19.23	N/A	N/A	79	1	Santa Barbara NEXT 9 EXITS	Santa Barbara NEXT 9 EXITS	G87 (CA)	N/A	N	
101	SB	(18.36) 18.94	101 B	Sep South JCT 101/154 (State Street)	80	1	State St 154	EXIT 101 B State St 154	G85-11 (CA) with G28-1 (CA)	N	N	
101	SB	18.36	N/A	N/A	81	1	La Cumbre Rd 1/2 MILE	EXIT 101 A La Cumbre Rd 1/2 MILE	G83-5 (CA)	N	N	
101	SB	(17.78) 17.95	101 A	La Cumbre Road	82	1	La Cumbre Road	EXIT 101 A La Cumbre Road	G85-11 (CA)	N	N	
101	SB	17.77	N/A	N/A	83	1	225 EAST Las Positas Rd 1 MILE	EXIT 100 225 EAST Las Positas Rd 1 MILE	G83-5 (CA) with G28-1 (CA)	N	N	
101	SB	17.13	N/A	N/A	84	1	Las Positas Rd 1/4 Mission St 1 1/4 Carrillo St 2 1/4	Las Positas Rd 1/4 Mission St 1 1/4 Carrillo St 2 1/4	G23-1 (CA)	N/A	N	
101	SB	(16.55) 16.83	100	Sep JCT 101/225 (Las Positas Road)	85	1	225 EAST Las Positas Rd	EXIT 100 225 EAST Las Positas Rd	G85-11 (CA) with G28-1 (CA)	N	N	
101	SB	16.54	N/A	N/A	86	1	Mission St 3/4 MILE	EXIT 99 Mission St 3/4 MILE	G83-5 (CA)	N	N	
101	SB	16.22	N/A	N/A	87	1	Mission St 1/4 Carrillo St 1 1/4 Castillo St 2	Mission St 1/4 Carrillo St 1 1/4 Castillo St 2	G23-1 (CA)	N/A	N	
101	SB	(15.73) 16.02	99	Mission Street	88	1	Mission St	EXIT 99 Mission St	G85-11 (CA)	N	N	
101	SB	15.80	N/A	N/A	89	1	Carrillo St 3/4 MILE	EXIT 98 Carrillo St 3/4 MILE	G83-5 (CA)	N	N	
101	SB	15.27	N/A	N/A	90	1	Carrillo St 1/4 Downtown Castillo St 3/4	Carrillo St 1/4 Downtown Castillo St 3/4	G23-1 (CA)	N/A	N	
101	SB	(14.76) 15.04	98	Carrillo Street	91	1	Carrillo St Downtown	EXIT 98 Carrillo St Downtown	G85-11 (CA)	N	N	
101	SB	14.80	N/A	N/A	92	1	Castillo St Harbor NEXT RIGHT	EXIT 97 Castillo St Harbor NEXT EXIT	G86-14 (CA)	N	N	
101	SB	(14.19) 14.42	97	Castillo Street / Harbor	93	2	Garden St 1 MILE	EXIT 96 B Garden St 1 MILE	G83-5 (CA)	N	N	
							Castillo St Harbor	EXIT 97 Castillo St Harbor	G85-11 (CA)	N	N	

SANTA BARBARA COUNTY
Overhead Signs

ROUTE	DIRECTION	PM*	EXIT #	INTERCHANGE - EXIT	LOCATION #	# OF SIGNS	EXISTING OH SIGN MESSAGE	PROPOSED OH SIGN MESSAGE	PROPOSED SIGN CODE**	EXIT # IN PLACE	RETRO-REFLECTIVE	IMAGE OF EXISTING SIGN (As of September 2011)
101	SB	13.95	N/A	N/A	94	1	Garden St NEXT RIGHT	EXIT 96 B Garden St NEXT EXIT	G86-14 (CA)	N	N	
101	SB	13.63	N/A	Garden Street	95	2	Milpas St NEXT 2 EXITS	Milpas St NEXT 2 EXITS	G87 (CA)	N/A	N	
							Garden Street	EXIT 96B Garden Street	G85-11 (CA)	N	N	
101	SB	13.13	N/A	N/A	96	2	EXIT 96 A Milpas St NORTH 1/2 MILE	EXIT 96 A Milpas St NORTH 1/2 MILE	G83-5 (CA)	Y	Y	
							EXIT 96 B Milpas St SOUTH 1/4 MILE	EXIT 96 B Milpas St SOUTH 1/4 MILE	G83-5 (CA)	Y	Y	
101	SB	12.91	96 B	144 / Milpas Street SOUTH	97	1	Milpas St EXIT ONLY	EXIT 96 B Milpas St SOUTH	G85-11 (CA)	Y	Y	
101	SB	12.63	96 A	Milpas Street NORTH	98	1	EXIT 96 A Milpas St NORTH	EXIT 96 A Milpas St NORTH	G85-11 (CA)	Y	Y	N/A
101	SB	12.02	N/A	N/A	99	1	EXIT 94 B Hot Springs Rd Cabrillo Blvd NEXT LEFT	EXIT 94 B Hot Springs Rd Cabrillo Blvd NEXT LEFT	G86-13 (CA)	Y	Y	
101	SB	(11.41) 11.7	94 B	Cabrillo Blvd (Left Exit)	100	1	EXIT 94 B Hot Springs Rd Cabrillo Blvd	EXIT 94 B Hot Springs Rd Cabrillo Blvd	G85-11 (CA)	Y	Y	
101	SB	11.30	94 A	Olive Mill Road	101	1	EXIT 94 A Olive Mill Road 3/4 MILE	EXIT 94 A Olive Mill Road 3/4 MILE	G83-5 (CA)	Y	Y	N/A
Highway 135 Northbound												
135	NB	8.88	Route 1 #226	NOTE: Accounted for under Highway 1 (NB).								
135	NB	10.29	17	Clark Avenue	102	2	Santa Maria	Santa Maria	G24-1 (CA)	N/A	N	
							Clark Ave Orcutt	EXIT 17 Clark Ave Orcutt	G85-11 (CA)	N	N	
Highway 135 Southbound												
135	SB	10.34	17	Clark Avenue	103	2	Vandenberg AFB Lompoc	Vandenberg AFB Lompoc	G24-1 (CA)	N/A	N	
							Clark Ave Orcutt	EXIT 17 Clark Ave Orcutt	G85-11 (CA)	N	N	
TOTAL					**103**	**124**						

TOTAL NUMBER OF OVERHEAD SIGN LOCAT	103
TOTAL NUMBER OF OVERHEAD SIGNS:	124
OVERHEAD SIGNS REPLACED TO DATE:	42
OVEHEAD SIGNS TO BE REPLACED:	82

05-1F320

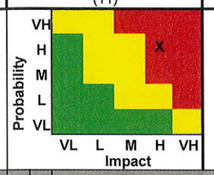
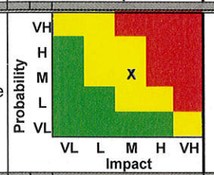
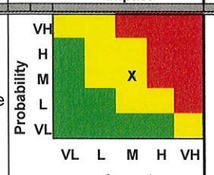
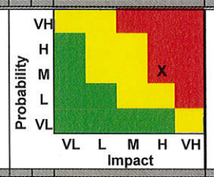
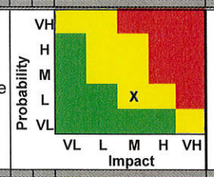
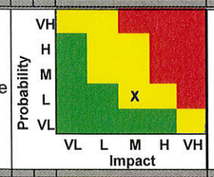
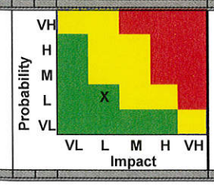
*If there are two PM values, the top value indicates the interchange PM in parenthesis and the bottom value indicates the true location of the sign structure.

**Proposed sign codes might not match existing signs. New signs will include exit numbers where applicable.

Date: 5/20/2014

PROJECT RISK REGISTER

PROJECT RISK MANAGEMENT PLAN

Priority	Identification						Qualitative Analysis				OPTIONAL Quantitative Analysis			Risk Response Plan		Monitoring and Control	
	Status	ID #	Date Identified Project Phase	Functional Assignment	Risk (Threat/Opportunity)		Type	Probability	Impact	Risk Matrix	Probability (%)	Impact ($ or days)	Effect ($ or days)	Strategy	Response Actions including advantages and disadvantages	Responsibilty (Risk Manager)	Last date changes made to risk and Comments
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14) =(12)x(13)	(15)	(16)	(17)	(18)
	Active	1	PID	Design	As there are numerous projects statewide that are being accelerated for delivery in the 2014/15 fiscal year, there is a risk of not having sufficient project delivery resources to complete the work as scheduled.		Schedule	High	High					Avoidance	PDT to decide the best course of action to accomplish work on time; Keep management informed of issues ASAP	Design/PM	5/16/2014
	Active	2	PID	Design	It is assumed there will be no environmental impacts associated with upgrading the overhead signs. If it is discovered during a subsequent phase that any location has an impact that would jeopardize the project schedule, that location will be deleted from the project and remain on the list for future upgrade.		Schedule Cost	Moderate	Moderate					Avoidance	Design around environmentally sensitive areas and/or drop location	Design/Env	5/16/2014
	Active	3	PID	Design	The construction capital cost estimate is based on an average of $12,000 per sign for all work required, including, but not limited to, removing/furnishing/installing signs, traffic handling, minor items, mobilization, and contingencies. A more detailed cost will be developed in PA&ED. If additional funding is needed and not available, some locations will be deleted from the project. If not all signs need replacement, the cost will decrease.		Cost	Moderate	Moderate					Avoidance	Include standard contigency in estimate; Keep the cost same by dropping some locations or reducing scope, or find aditional funds	Design/PM	5/16/2014
	Active	4	PID	Design	The capital outlay support estimate was developed using a top-down approach. Support costs will be tracked and adjustments made as needed.		Cost	Moderate	High					Acceptance		Design	5/16/2014
	Active	5	PID	Environmental	Requests for additional items of work not originally planned may result in scope creep, which could lead to a increase in costs support and/or capital		Scope Cost	Low	Moderate					Avoidance	Focus on keeping the project within its original scope	Design/PM	5/16/2014
	Active	6	PID	Design	Requests for additional items of work not originally planned may result in scope creep, which could lead to a increase in task duration		Scope Schedule	Low	Moderate					Avoidance	Focus on keeping the project within its original scope	Design/PM	5/16/2014
	Active	7	PID	Project Management	It is anticipated that the project is exempt from Permit requirements (such as Coastal Deveopment) if Agency staff informs us that the project is not exempt from Permit requirements then we may need to obtain the permit or dorp the location		Cost	Low	Low					Mitigation	Included $5K in ROW Capital to mitigate for potential permit costs	ENV/PM	5/16/2014