

Appendix C. 2014 Updates to the CMP network

This appendix documents changes to the CMP network observed during the 2014 LOS monitoring cycle.

C.1 | Arterials (Tier 1)

Table C-1 lists the physical changes to CMP segments since 2012 monitoring cycle.

Table C-1: Changes to Arterials (Tier 1) in 2014

ID	Description	Length (mi)	Comment	Details
A4	A Street – EB: Western to SR185	0.31	CMP segment is shortened	Implementation of Hayward Loop - Part of A street has been converted to a one way street between SR185 and SR 238. This CMP segment is now shortened and runs between SR 185 (Mission) and Western Blvd.
A216	SR 238 (Foothill) – SB: City Center to A Street	0.16	CMP segment is shortened	Implementation of Hayward Loop - Part of SR238 has been converted to a one way street between Jackson and A Street. This CMP segment is now shortened and runs between A Street and City Center.
A198	SR 185 Hayward – NB: A Street to Sunset	0.43	CMP segment is shortened	Implementation of Hayward Loop - Part of SR185 has been converted to a one way street between SR 238 and A Street. This CMP segment is now shortened and runs between A Street and Sunset.
A233	SR 84 (Liv) - NB – realign: Airway to I-580 WB (off)	0.52	New route	The connection between SR 84 and I-580 was realigned since the last LOS monitoring. The state route no longer travels along Airway Blvd. This segment is newly added to cover the new portion of the state route.
A234	SR 84 (Liv) - NB – realign (I-580 WB (off) to Airway	0.53	New route	The descriptions on segments A137 and A138 for the previous SR 84 alignment were updated so they no longer represent state route.

C.2 | Arterials (Tier 2)

Similar to arterials (Tier 1), **Table C-2** lists the physical changes to CMP segments.

Table C-2: Changes to Arterials (Tier 2) in 2014

ID	Description	Length (mi)	Comment	Details
T8	11th St - Lake Merritt Blvd - Lakeshore Ave-EB: Webster to East side of Lake Merritt Channel	0.66		
T9	11th St - Lake Merritt Blvd - Lakeshore Ave-EB: East side of Lake Merritt Channel to MacArthur Blvd/I-580 On Ramp	1.15	Road	Completion of 12th Street Reconstruction Project - Significant construction was undertaken on Lake Merritt Blvd. 11th & 12th Street now come to a T-intersection at Lake Merritt Blvd. Further the connection between Lake Merritt Blvd and 12th Street and International Blvd has been changed.
T10	12th St - Lake Merritt Blvd - Lakeshore Ave-WB: MacArthur Blvd/I-580 On Ramp to East side of Lake Merritt Channel	1.15	Realignment	
T11	12th St - Lake Merritt Blvd - Lakeshore Ave-WB: East side of Lake Merritt Channel to Webster	0.64		

C.3 | HOV and Express Lanes

In this monitoring cycle, HOV and express lanes were added to the CMP network for performance monitoring (information only). Refer to **Table C-3**. This category of CMP segments included HOV and express lanes present on the mainline freeways within the CMP freeway network. HOV lanes on arterials or ramps were not included.

Table C-3: 2014 HOV and Express Lanes

Route / Direction	HOV	EL*	Description	Length (mi)
80/EB	✓		Bay Bridge Toll Plaza (near 580 Diverge) to CC County Line (S of Central Av)	5.5
80/WB	✓		CC County Line (S of Central Av) to Bay Bridge Toll Plaza	6.2
84/WB	✓		I-880 to Dumbarton Bridge Toll Plaza	2.7
92/WB	✓		Hesperian Blvd to San Mateo Bridge Toll Plaza	3.1
580/EB	✓		Hopyard Rd/Dougherty Rd to North Greenville Road	11.3
680/SB		✓	State Route 84 to Alameda border (South of Scott Creek Rd)	11.2
880/NB	✓		Dixon Landing Road to south of I-580	18.8
880/NB	✓		13 th Street to Toll Plaza	1.6
880/NB	✓		West Grand Ave to I-880/I-80 Merge	1.1
880/SB	✓		South of Marina Blvd to Dixon Landing Road	22.2

*EL: Express Lane

C.4 | Bridges connecting to SF/Peninsula

While previous monitoring efforts contained bridge crossing performance information, the end points of the bridge monitoring were updated in 2014. In 2014, the bridge segments were added to the GIS network to extend from the county line until the first ramp after the bridge (**Table C-4**). Note that the connecting sections of the bridges within Alameda County were already included in the freeway CMP network.

Table C-4: 2014 Bridge Crossings

Bridge	Between	Length (mi)	Comments
Bay Bridge	County line & Fremont Street	3.3	Eastern span runs along new Bay Bridge alignment.
San Mateo Bridge	County line & Foster City Boulevard	5.0	
Dumbarton Bridge	County line & first exit (service road)	1.3	

C.5 | Origin Destination Surveys

Table C-5 lists the changes to origin destination surveys. Other updates were made to descriptions to reflect changing occupants at the employment center end point. Also, lengths of routes were updated.

Table C-5: Changes to Origin Destination Surveys

ID	Description	Length (mi)	Modes Impacted	Details
2	Emeryville to Berkeley	4.8	Transit/Bike	Bus route updated to reflect new timetable option. Bike route designated.
3	Hayward to Livermore	20.6	Auto	As discussed in Table C-1 , the freeway connection between the I-580 and SR 84 was moved. The OD Survey adopted the new freeway exit.
5	Fremont to Pleasanton	15.7	Transit	Transit route updated to quicker option.
6	Fremont to San Jose	14.3	Transit	Transit route updated to quicker option.
10	Alameda to Oakland	5.7	Transit	Transit route updated to quicker option.