

C/CAG

CITY/COUNTY ASSOCIATION OF GOVERNMENTS OF SAN MATEO COUNTY

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Millbrae • Pacifica • Portola Valley • Redwood City • San Bruno • San Carlos • San Mateo • San Mateo County • South San Francisco • Woodside

AGENDA

Congestion Management & Environmental Quality (CMEQ)

Committee

Date: Monday, August 31, 2015 at 3:00 p.m.
Place: San Mateo City Hall
330 West 20th Avenue, San Mateo, California
Conference Room C (across from Council Chambers)

PLEASE CALL Jeff Lacap (650-599-1455) IF YOU ARE UNABLE TO ATTEND

- | | | | |
|----|---|-------------------------------------|--------------|
| 1. | Public comment on items not on the agenda. | Presentations are limited to 3 mins | |
| 2. | Approval of minutes of June 29, 2015 meeting. | Action (Garbarino) | Pages 1 - 3 |
| 3. | Receive a presentation and update from the 21 Elements Housing Program. | Information (Abrams) | No materials |
| 4. | Review and recommend endorsement of the list of projects to be submitted to MTC for the update of the Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) also known as Plan Bay Area 2040. | Action (Higaki) | Pages 4 - 12 |
| 5. | Update on projects along the US 101 Corridor. | Information (Wong) | Oral Report |
| 6. | Executive Director Report. | Information (Wong) | |
| 7. | Member comments and announcements. | Information (Garbarino) | |
| 8. | Adjournment and establishment of next meeting date:
September 28, 2015 | Action (Garbarino) | |

NOTE: All items appearing on the agenda are subject to action by the Committee. Actions recommended by staff are subject to change by the Committee.

NOTE: Persons with disabilities who require auxiliary aids or services in attending and participating in this meeting should contact Mima Guilles at 650 599-1406, five working days prior to the meeting date.

Other enclosures/Correspondence - None

**CITY/COUNTY ASSOCIATION OF GOVERNMENTS COMMITTEE ON CONGESTION
MANAGEMENT AND ENVIRONMENTAL QUALITY (CMEQ)**

**MINUTES
MEETING OF June 29, 2015**

The meeting was called to order by Chair Garbarino in Conference Room C at City Hall of San Mateo at 3:03 p.m. Attendance sheet is attached.

1. Public comment on items not on the agenda.

None.

2. Approval of minutes of April 27, 2015 meeting.

Motion: To approve the Minutes of the April 27, 2015 meeting, Motion carried unanimously.

3. Receive a presentation on the C/CAG Call for Projects and outreach process in response to the Metropolitan Transportation Commission's development of Plan Bay Area (Information).

Jean Higaki provided a brief presentation on the C/CAG call for project process and outreach related to the MTC/ABAG Plan Bay Area 2040 update.

4. Public Hearing to receive comments on the update of Plan Bay Area 2040 in San Mateo County (Action)

Staff put a public notice in the San Mateo County Times as well as broadcasted via other means to notice the public hearing to receive comments on the update of Plan Bay Area 2040 in San Mateo County. It is to provide the general public and interested parties the opportunity for input to the MTC for the Region's Transportation Plan / Sustainable Communities Strategy (Plan Bay Area 2040) update.

Upon staff recommendation, the CMEQ Chair opened a public hearing to receive comments on the update of Plan Bay Area 2040 in San Mateo County.

One public comment was received from Ellen Barton, staff of the County Office of Sustainability, who also supports C/CAG bike/ped on a part-time basis. Ms. Barton expressed concerns regarding A) it is difficult to review the list of Plan Bay Area projects; B) it appears to be a contradiction between the goal of Plan Bay Area to reduce GHG and some of the proposed highway improvement projects.

Some Q&A from CMEQ members ensued. CMEQ members requested for a list of projects from the adopted 2013 Plan Bay Area.

Motion: To close the public hear. Motion carried unanimously.

5. Presentation on the C/CAG San Mateo countywide Safe Routes to School (SR2S) program (Information).

John Hoang provided a brief introduction to this item. Laura Wellington, SR2S Coordinator, County Office of Education, provided a detail powerpoint presentation on the Safe Routes to School update for 2014-2015. The SR2S program aims to encourage and enable students to walk, bike, carpool, and utilize transit as a mean of getting to and from school. It provides grant funds to schools and school districts for those purposes. At this time, the program has supported 113 schools in San Mateo county. Ms. Wellington also presented survey results from classroom and parent surveys parent concerns as well as trends in mode of transportation to school.

6. Receive information on the C/CAG 2015-16 Program Budget and Fees (Information).

Sandy Wong, C/CAG Executive Director, provided a brief update on the adopted C/CAG 2015-16 program budget and fees.

7. Update on projects along the US 101 corridor (Information).

Sandy Wong provided an update on the US 101 corridor improvement strategies. Two Project Study Reports (PSR) have been approved by Caltrans for: A) Provide carpool lane between Whipple Ave in Redwood City and I-380; B) Provide auxiliary lane between Oyster Point in SSF and the San Francisco County Line. The Bay Area Council representing the business communities urges transportation agencies to deliver congestion relief project(s) in five years. CMEQ member Bonilla suggested more outreach efforts for such projects.

8. Executive Director Report (Information).

Sandy Wong, C/CAG Executive Director, provided the following update:

1. She attended the May 12, 2015, Laurel Elementary School Parking Lot project ceremony. The opening of that project celebrates the partnership between C/CAG, school district, and the City of San Mateo. It was also a cross-collaboration of two CCAG programs, the Safe Routes to School program and the Green Streets Parking Lot program of the stormwater pollution prevention effort.
2. The update on San Carlos Airport Land Use Compatibility Plan is in the Final Draft stage. Will be available for public review before adoption by C/CAG Board.
3. C/CAG has form a Water Ad Hoc group recently to discuss potential CCAG involvement in the concept of a countywide water related agency.

6. Member comments and announcements (Information).

None.

7. Adjournment and establishment of next meeting date.

The meeting adjourned at 4:55 pm.

The next regular meeting was scheduled for August 31, 2015.

2015 C/CAG Congestion Management & Environmental Quality (CMEQ) Committee Attendance Report

Agency	Representative	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Metropolitan Transportation Commission	Alicia Aguirre	X	X										
City of Redwood City	Barbara Pierce	X	X		X								
City of Belmont	Charles Stone	X	X										
Town of Atherton	Elizabeth Lewis	X	X		X								
City of San Bruno	Irene O'Connell	X					X						
Business Community	Jim Bigelow	X	X		X		X						
Environmental Community	Lennie Roberts	X	X				X						
City of Pacifica	Mike O'Neill	X	X		X		X						
Agencies with Transportation Interests	Onnolee Trapp	X	X		X		X						
City of South San Francisco	Richard Garbarino	X	X		X		X						
Public	Steve Dworetzky	X	X		X								
City of Millbrae	Wayne Lee	X											
City of San Mateo	Rick Bonilla	NA	NA		X		X						
City of Pacifica	John Keener	NA	NA		X		X						

Staff and guests in attendance for June 29, 2015 meeting:

Sandy Wong, John Hoang, Jean Higaki - C/CAG Staff
 Ellen Barton, County of San Mateo, Active Transportation Coordinator
 Laura Wellington, County Office of Education
 Doug Kim, SamTrans

C/CAG AGENDA REPORT

Date: August 31, 2015

To: C/CAG Congestion Management and Environmental Quality Committee (CMEQ)

From: Jean Higaki, Transportation System Coordinator

Subject: Review and recommend endorsement of the list of project to be submitted to MTC for the update of the Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) also known as Plan Bay Area 2040.

(For further information or response to questions, contact Jean Higaki at 650-599-1462)

RECOMMENDATION

That the CMEQ Committee review and recommend endorsement of the list of project to be submitted to MTC for the update of the Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) also known as Plan Bay Area 2040

FISCAL IMPACT

None.

SOURCE OF FUNDS

N/A

BACKGROUND

Metropolitan Transportation Commission (MTC) has initiated the update of its long-range Regional Transportation Plan/Sustainable Communities Strategy (RTP/ SCS), to be adopted in the spring/ summer of 2017. The RTP/ SCS, also known as Plan Bay Area 2040 will detail how the San Francisco Bay Area's transportation system will be maintained, improved and expanded over the next 23 years. The Plan Bay Area is updated every four (4) years and typically with no mid- term amendment.

Plan Bay Area 2040 is a state-mandated, integrated long-range transportation, land-use and housing plan that will support a growing economy, provide more housing and transportation choices, and reduce transportation-related pollution in the San Francisco Bay Area.

The Metropolitan Transportation Commission (MTC) requests the assistance of each of the nine Bay Area Congestion Management Agencies (CMAs) to coordinate project submittals for their county. On May 6, 2015 MTC hosted a public workshop in San Mateo County to advertise the update of Plan Bay Area 2040.

Projects included in Plan Bay area 2040 are for planning purposes only however, projects not listed in the plan cannot compete for Federal, State of California, or regional discretionary funding. In addition, projects that are 100% locally funded and have regional significance must be included in the plan for air quality conformity purposes.

Targets of Plan Bay Area 2040

Plan Bay Area 2040 is based on 10 performance targets against which MTC will measure and evaluate various land use scenarios and transportation investments and policies. Projects that do not adequately support the regional targets may need justifications to remain in the plan. MTC performance targets, issued on April 29, 2015 a part of the Call for Projects Guidance are listed below:

1. Reduce per-capita carbon dioxide emissions from cars and light-duty trucks by 7 percent by 2020 and by 15 percent by 2035, if there is a feasible way to do so.
2. House by 2035, 100 percent of the region's projected 25-year growth by income level, without displacing current low-income residents.
3. Reduce premature deaths from exposure to particulate emissions by reducing premature deaths from exposure to fine particulates (PM 2.5) by 10 percent; reducing coarse particulate emissions (PM 10) by 30 percent; and, achieving greater reductions in highly impacted areas.
4. Reduce by 50 percent the number of injuries and fatalities from all collisions (including bike and pedestrian).
5. Increase the average daily time walking or biking per person for transportation by 60 percent (for an average of 15 minutes per person per day).
6. Direct all non-agricultural development within the urban footprint (existing urban development and urban growth boundaries).
7. Decrease by 10 percent the share of low-income and lower-middle income residents' household income consumed by transportation and housing.
8. Increase gross regional product (GRP) by 90 percent – an average annual growth rate of approximately 2 percent (in current dollars).
9. Increase non-auto mode share by 10 percent and decrease automobile vehicle miles traveled per capita by 10 percent.
10. Maintain the transportation system in a state of good repair by increasing local road pavement condition index (PCI) to 75 or better; decrease distressed lane-miles of state highways to less than 10 percent of total lane miles, and reduce average transit asset age to 50 percent of useful life.

MTC and Association of Bay Area Governments (ABAG) are still negotiating the performance targets and expect to finalize the targets in September 2015. Attached are the proposed revisions to the targets as of July 2, 2015.

Schedule

On April 29, 2015, the Metropolitan Transportation Commission (MTC) adopted and posted its guidance for the call for projects. Projects/programs seeking future regional, state or federal funding through the planning horizon year for Plan Bay Area 2040 must be submitted for consideration in the adopted plan. Sponsors of multi-county projects will submit those projects directly to MTC. Below is the schedule showing C/CAG's process schedule. MTC anticipates that Plan Bay Area 2040 will be adopted in the late spring/ early summer of 2017.

Schedule Task	Date
Review and Solicit Input on Draft Call for Projects Guidance	MTC PTAC: December 2014 Regional RAWG: March 2015
MTC Issued Call for Projects Guidance Letter to CMAs	April 29, 2015
C/CAG issued a call for projects to all identified project sponsors	May 15, 2015

MTC Opens Web-Based Project Application Form for Use by CMAs/ Project Sponsors	May 18, 2015
C/CAG staff coordination meeting with SMCTA/SamTrans/JBP	May 20, 2015
Web-Based Project Application Workshop for San Mateo County Project Sponsors	May 27, 2015 (10:00 am)
C/CAG Board - Outreach and Process Review	June 11, 2015
CMP TAC – Outreach and Process Review	June 18, 2015
CMEQ – Outreach and Process Review (Public Hearing)	June 29, 2015
Deadline for Project Sponsors to submit projects to C/CAG via Web-Based Application	July 3, 2015
C/CAG staff develops draft list of projects based on sponsor submittals	July 24, 2015
CMP TAC –Review of the project list	August 20, 2015
CMEQ – Review of the project list	August 31, 2015
C/CAG Board –Endorsement of the project list	September 10, 2015
Project Submittals Due to MTC	September 30, 2015
MTC Conducts Project-Level Performance Assessment	Winter 2015

Outreach

On May 6, 2015 C/CAG staff participated in a Plan Bay Area 2040 open house hosted by MTC in San Mateo.

C/CAG staff initiated the call for projects within San Mateo County on May 15, 2015 with a deadline of project submittals by July 3, 2015. This call for projects was sent to C/CAG Board members, City Managers, Public Works Directors, Planning Directors, the Congestion Management Program Technical Advisory Committee (CMP TAC), the Congestion Management and Environmental Quality (CMEQ) committee, the Bicycle and Pedestrian Advisory Committee (BPAC) committee, the San Mateo County Transportation Authority (SMCTA), SamTrans, Caltrain, the Water Emergency Transportation Authority (WETA), BART, the Golden Gate National Recreation Area (GGNRA), and other interested parties. The call for projects announcement was also posted on the C/CAG website.

On May 22, 2015 C/CAG issued a press release. On May 27, 2015 C/CAG hosted an MTC web-based application workshop for city/ county staff in San Carlos. A public hearing was noticed in local papers on June 24th, 25th, and 26th and held at the June 29, 2015 CMEQ meeting. A list of submitted projects was presented to the CMP TAC on August 20, 2015 and was recommended for endorsement by the committee. The attached list will be presented to the C/CAG Board, for endorsement, at the September C/CAG Board meeting.

Project Cost versus Financial Constraint

At this time, only some categories of funding sources were financially constrained. The attached list of projects fit within the initial financial “constraints” issued by MTC for some categories of funding. It should be noted that financial projections are still being developed at MTC, which will supersede the current financial constraints.

Because the list is not financially constrained for all categories of funding sources and because MTC is still refining revenue projections; there is an expectation that there will be further financial constraints

imposed on this list. It is expected that the project total cost for several projects will need to be revised during the MTC project level assessment process with a possibility that some projects and programs further out in development may only include some phases in this RTP.

Next Steps – Project Level Performance Assessment by MTC

After the county level project submittal process, MTC will conduct “project level performance assessments” during the winter of 2015. MTC will also conduct “scenarios analysis” based on the cumulative impacts of submitted projects. A “project-level performance assessment” will be used to identify projects and programs that advance the Plan Bay Area 2040 goals and support the land use strategy. The assessment will be similar to that performed as part of the original Plan Bay Area 2040, adopted in 2013. Methodologies for quantitative and qualitative performance measures for transportation projects are in development. The “detailed scenario assessment”, performed after the “project-level performance assessment,” will capture the interactions among transportation projects and land use.

The update of Plan Bay Area 2040 is scheduled for adoption during the late spring/ early summer of 2017. It is anticipated that the plan will continue to be updated every four (4) years with no mid-term amendment.

ATTACHMENTS

1. Listing of San Mateo County projects to be submitted to the MTC for inclusion in the update of Plan Bay Area 2040.
2. July 2, 2015 proposed revision to Plan Bay Area 2040 Project Performance Targets and Goals

Proposed Projects for the Update of Plan Bay Area 2040 in San Mateo County

RTPID	Submitted for update of PBA 2040 in 2015	Project Title	Project Description	Estimated Total Cost in Millions
New	Belmont	Alameda de las Pulgas Corridor Study and Improvements	On Alameda de las Pulgas from Darthmouth Avenue to Ralston Avenue multimodal improvements including intersection, bike, pedestrian, transit and safety improvements.	12
New	Belmont	Ralston Avenue Corridor Improvements	On Ralston Avenue from SR 92 to US 101, multimodal improvements including new traffic signals, roundabout, bike and pedestrian facilities, and safety improvements.	17
22227	Brisbane	Construct a 6-lane arterial from Geneva Avenue/Bayshore Boulevard intersection to U.S. 101/Candlestick Point interchange	This project will involve the construction of a 6-lane arterial from the terminus of Geneva Avenue with Bayshore Boulevard to the U.S. 101/Candlestick Point interchange (see Project ID 22756 for proposed Candlestick Interchange improvements). The project will include a grade separation at the Caltrain tracks and Tunnel Avenue. The extension project will include Class II bike lanes, on-street parking (convertible to travel lanes during peak periods), and sidewalks on both sides. In coordination with other agencies, sections will be reserved for an exclusive lane for a Bus Rapid Transit (BRT) facility (see Project ID 230207) that will connect to the Bayshore Multimodal Station (see Project ID 22226 for proposed improvements) and provide through service to BART Balboa Station.	100
22229	Brisbane	Reconstruct U.S. 101/Sierra Point Parkway interchange (includes extension of Lagoon Way to U.S. 101)	The US 101/Sierra Point Parkway Interchange will reconstruct a partial interchange and provide improved regional access to Brisbane, Bayshore Boulevard and the proposed Brisbane Baylands project. The Lagoon Way Extension project connects to the reconstructed interchange and provides improved regional access to Brisbane, Daly City, and the pending 600-acre plus Brisbane Baylands development project. The combination of work provides a complete east-west connection in north San Mateo County between I280 and US101 (connecting I280 via Guadalupe Canyon Parkway directly to Lagoon Way and this reconstructed interchange at US101), which will serve as an alternative to the Geneva Avenue east-west connection (see Project IDs 22227 and 22756).	17
22756	Brisbane	Reconstruct U.S. 101/Candlestick Point interchange to full all-directional interchange	This project will reconstruct US 101/Candlestick Point interchange to a full all-directional interchange with a single point cross street connection (via either an overcrossing or undercrossing). The interchange will provide all-direction ramp movements controlled by new signalized intersections at the cross street connections. The US 101 local crossing will allow for a 6 lane arterial including Class II bike lanes and sidewalks on both sides. The reconstructed interchange will join an improved Harney Way (see Project ID 230490) to the east, and will join the Geneva Avenue Extension (see Project ID 22227) to the west. The project design will accommodate east-west crossing of the planned Bus Rapid Transit (BRT) facility.	227
21602	Burlingame	Reconstruct U.S. 101/Broadway interchange	Reconstructs the US 101/Broadway interchange.	83
21612	C/CAG	Improve access to and from the west side of Dumbarton Bridge on Route 84 connecting to U.S. 101 per Gateway 2020 Study	Improve access to /from the west side of Dumbarton Bridge (Route 84 connecting to U.S. 101) per Gateway 2020 Study (Phased implementation of short term projects.	39
21624	C/CAG	Implement incentive programs to support transit-oriented development	Implement an incentive programs to support transit-oriented developments in San Mateo County.	65
22274	C/CAG	County-wide Intelligent Transportation System (ITS) and Traffic Operation System Improvements	Installation of transportation system management improvements such as Intelligent Transportation System (ITS) elements and TOS equipment throughout San Mateo County.	28
230430	C/CAG	County-wide Implementation of bicycle/pedestrian enhancements	County-wide program - Bicycle and Pedestrian facilities and enhancements include class I, II, and III facilities, Bicycle Bridge overcrossings, Bicycle/ Pedestrian Trails, Bicycle and pedestrian access, and other related air quality exempt work.	163
230434	C/CAG	County-wide implementation of local circulation improvements and traffic management programs countywide	In various cities, implement local circulation improvements and local streets traffic management programs. Includes TDM. (Non-capacity increasing)	33
230697	C/CAG	County-wide Local streets and roads operations and maintenance	County-wide local streets and roads preservation, rehabilitation, operations, and maintenance	1169
240060	C/CAG	Modify existing lanes on U.S. 101 to accommodate HOV/T lane	Modify existing lanes to accommodate an HOV lane from Whipple to San Francisco County Line and/ or an Express Lane from Santa Clara County Line to San Francisco County Line. Work may include shoulder modification, ramp modifications, and interchange modifications to accommodate an extra lane. Work will be phased.	244
240084	C/CAG	County-wide Implementation of the Safe Routes to Schools Program	Implement San Mateo County's Safe Routes to Schools Program. Program includes capital and non-capital projects. Various locations.	25
240086	C/CAG	County-wide Implementation of Transportation for Livable Communities Program	County-wide planning and implementation of a "Complete streets" design to accommodate all modes of travel.	56
240087	C/CAG	County-wide Implementation of non-capacity Increasing local road Intersection modifications and channelization countywide	County-wide local intersection improvements. Includes street channelization, over-crossings, and safety improvements.	31
240511	C/CAG	County-wide Implementation of Transportation Environmental Enhancements	Transportation-related capital improvement projects that enhance quality-of-life, in or around transportation facilities as defined by Caltrans. Includes slope protection/ stabilization, erosion control, and stormwater treatment.	9

Proposed Projects for the Update of Plan Bay Area 2040 in San Mateo County

RTPID	Submitted for update of PBA 2040 in 2015	Project Title	Project Description	Estimated Total Cost in Millions
240590	C/CAG	Implement a complete streets design for Mission Street/El Camino Real as part of Grand Boulevard Initiative	Planning and implementation of a "complete streets" for Mission Street/El Camino Real for the Grand Boulevard Initiative that accommodates all modes of travel: includes curb/gutters, drainage, pedestrian facilities, bike facilities, streetscapes, medians, traffic channelization, signal improvements, bulbouts, parking, bus and transit access improvements.	59
21604	C/CAG	Add northbound and southbound modified auxiliary lanes and or implemenation of HOT lanes on U.S. 101 from Oyster Point to San Francisco County line	Add northbound and southbound modified auxiliary lanes and or implementation of HOT lanes on U.S. 101 from Oyster Point to San Francisco County line	145
22282	C/CAG	Improve operations at U.S. 101 near Route 92 (Environmental Phase)	US 101 operational improvements near Route 92. Project may have phased construction.	55
21608	Caltrans	Construct auxiliary lanes (one in each direction) on U.S. 101 from Marsh Road to Embarcadero Road	Add northbound and southbound auxiliary lanes.	79
New	City of San Mateo	Hillsdale/US101 Ped/Bike Bridge	Provide separate overcrossing structure dedicated to pedestrians and bicyclists crossing US101 via Hillsdale Boulevard. Project will include final design and construction phases.	49
New	City of San Mateo	25th Avenue Grade Separations	Grade separations at a high priority Measure A candidate location to separate vehicular and rail traffic for safety purposes. Project includes final design, right-of-way, environmental permitting, and construction phases.	140
New	City of San Mateo	State Route 92-82 (El Camino) Interchange Improvement	Widen the existing ramps and reconfigure the existing interchange from a full cloverleaf to a partial cloverleaf. Pedestrian and bicycle improvements would be included as part of the project.	30
240160	City of San Mateo	U.S. 101 Interchange at Peninsula Avenue	Construct southbound on and off ramps to US 101 at Peninsula Ave to add on and off ramps from southbound 101.	81
94644	County of San Mateo	Westbound slow vehicle lane on Route 92 between Route 35 and I-280	Westbound slow vehicle lane on Route 92 between Route 35 and I-280.	25
22232	Daly City	Construct streetscape improvements on Mission Street (Route 82) and Geneva Avenue	Design and construction of enhanced sidewalks, landscaping, improved street crossings, landscaped median islands, and pedestrian-scale street lighting in Planned Development Areas along and adjoining Mission Street (Route 82) from Parkview Avenue to San Pedro Road and Geneva Avenue from city limit to city limit.	64
New	Daly City	I-280 improvements near D Street exit	Improve the on and off-ramps and approaches for I-280 near the D Street exit in Daly City	1
240161	Daly City	Provide overcrossing at I-280/John Daly Boulevard	Widen the north side of John Daly Blvd I-280 overcrossing to accomodate an additional westbound lane.	16
21607	East Palo Alto	US 101/University Ave. Interchange Improvements	On University Avenue across US-101, between Woodland Avenue and Donohoe Street; Add bike lanes and sidewalk and modify the NB and SB off-ramps to eliminate pedestrian/bicycle conflicts and improve traffic operations.	11
New	East Palo Alto	University Avenue Complete Streets Pilot Project	Project is located in East Palo Alto, on University Avenue from Donohoe Street to the Norther City Limit (near Purdue Ave). Project will resurface, add new bike lanes, pedestrian improvements, signal upgrade and other improvements.	6
New	East Palo Alto	Clarke Avenue Bicycle/Pedestrian Overcrossing	New bicycle/pedestrian overcrossing of US-101 in East Palo Alto - starting at the intersection of E. Bayshore Road/Clarke Avenue, crossing US-101 and ending at the intersection of W. Bayshore Road/Newell Road. Improvements include new overcrossing structure and other improvements necessary to complete the landings.	10
230592	East Palo Alto	Bay Road Improvement Phase II & III	Bay Road Improvements Phase II- Clarke Avenue to Tara Road Bay Road Improvements Phase III- Tara Road to Cooley Landing. Improvements including resurface, traffic calming, sidewalk, streetscape, bike lanes, utility relocation, lighting & other improvements.	14
22751	Half Moon Bay	Route 1 Improvements in Half Moon Bay	In Half Moon Bay, On Route 1: Improve safety and reduce congestion by providing protected left and right turn lanes, warranted traffic signals, two through lanes only at signalized intersections, bike lanes, pathways, bus stops, traffic signal interconnects, safety lighting, median and channelization improvements.	19
21893	Half Moon Bay	Widen Route 92 between SR 1 and Pilarcitos Creek alignment, includes widening of travel lanes and shoulders	Widens shoulders and travel lanes to standard widths. Straighten curves at few locations.	9
21606	Menlo Park	Reconstruct U.S. 101/Willow Road interchange	The project proposes to reconstruct the existing US 101/Willow Road (Route 114) Interchange within the existing alignment to a partial cloverleaf interchange. Project includes class I bike paths and class II bike lanes. Current design standards favor a diamond design.	80
240143	Millbrae	Construct new multi-purpose pedestrian/bicycle overcrossing across U.S. 101, north of and adjacent to existing Millbrae Avenue Bridge across U.S. 101	Construct a new 12-foot wide Class 1 mixed-use pedestrian bicycle overcrossing across US101 north of and adjacent to the existing Millbrae Avenue bridge across US101. HPP Earmark # 2701.	19

Proposed Projects for the Update of Plan Bay Area 2040 in San Mateo County

RTPID	Submitted for update of PBA 2040 in 2015	Project Title	Project Description	Estimated Total Cost in Millions
240115	Millbrae	Extend California Drive north to the intersection of Victoria Avenue and El Camino Real in Millbrae	Extend California Drive north by approximately 1/4 mile to the intersection of Victoria Avenue and El Camino Real in the City of Millbrae. Update the existing traffic signal at the intersection of El Camino Real and Victoria Avenue.	11
240133	Millbrae	Widen Millbrae Avenue between Rollins Road and U.S. 101 southbound on-ramp and resurface intersection of Millbrae Avenue and Rollins Road	Widen Millbrae Avenue between Rollins Road and US101 Southbound On Ramp and resurface the intersection of Millbrae Avenue and Rollins Road.	11
240067	Pacifica	The Manor Drive Overcrossing Improvement and Milagra On-Ramp Project	The Manor Drive Overcrossing Improvement and Milagra On-Ramp project will widen the existing overcrossing and construct a new on-ramp at Milagra Drive and Highway 1. It will signalize both intersections which border the overcrossing to better facilitate traffic through the overcrossing and onto Highway 1.	22
22261	Pacifica	Replace San Pedro Creek Bridge on Route 1	Removes the existing San Pedro Creek Bridge on CA 1 and replace it with a new bridge approximately 5 feet higher than the existing bridge and approximately twice as long so that the channel for the creek under the bridge can be enlarged	14
New	Pacifica	Palmetto Avenue Streetscape Project	The Palmetto Avenue Streetscape project will provide an attractive, pedestrian and bicycle friendly neighborhood in the historic district of Pacifica. This project will construct, amongst others, widened sidewalk, bulb-outs and crosswalks for the increased safety of bicyclists and pedestrians, especially school kids. It will also install amenities like benches, bicycle racks, and landscaping.	6
98204	Pacifica	Construct Route 1 (Calera Parkway) northbound and southbound lanes from Fassler Avenue to Westport Drive in Pacifica	Would add northbound lane of traffic providing additional storage capacity betwn Reina Del Mar & Fassler Ave traffic lights so that traffic does not back up south of Fassler Ave intersection. Would also coordinate Fassler & Reina Del Mar traffic signals & may add a 3rd coordinated signal at Marlo Way. The Westport Drive at-grade intersection may also be closed, thus improving safety.	59
New	Redwood City	Middlefield Streetscape	Middlefield Road between Main Street and Woodside Road. The purpose of the project is to improve bicycle and pedestrian facilities. Improvements include sidewalk widening, street lighting, crosswalk enhancements, bicycle lane enhancements, seating, street trees, drainage treatments, and bus stop amenities.	8
230428	Redwood City	Extend Blomquist Street over Redwood Creek to East Bayshore and Bair Island Road	Redwood City Blomquist Street Extension and Blomquist Bridge over Redwood Creek	28
240346	Redwood City	Implement Redwood City Street Car	Redwood City Street Car Construction and Implementation	1
21603	Redwood City	Improve U.S. 101/Woodside Road interchange	Modifies the Woodside Road Interchange at US 101.	171
240026	SamTrans	Add new rolling stock and infrastructure to support SamTrans bus rapid transit along El Camino Real	This project will institute new rolling stock and infrastructure necessary to accommodate BRT along El Camino Real	1760
240027	SamTrans	Implement supporting infrastructure and Automated Transit Signal Priority to support SamTrans express rapid bus service along El Camino Real	This project will institute necessary infrastructure and Automated Transit Signal Priority necessary to accommodate express rapid bus service along the length of El Camino Real from Palo Alto to Daly City.	1
240028	SamTrans	Make incremental increase in SamTrans paratransit service	Expansion of curb-to-curb paratransit fleet and service for eligible users, compliant with ADA requirements, based on projected future demand.	610
21609	San Bruno	Improve local access at I-280/I-380 from Sneath Lane to San Bruno Avenue to I-380	Proposes to construct local access improvements at the existing I-280 / I-380 interchange located in the City of San Bruno. The project provides access to I-380 from the two main east-west secondary roads of Sneath Lane and San Bruno Avenue.	32
22271	San Bruno	Widen Skyline Boulevard (Route 35) to 4-lane roadway from I-280 to Sneath Lane	Widens Skyline Blvd. (SR 35) between I-280 and Sneath Lane. It is currently the last portion of what is otherwise a four lane roadway along Skyline Blvd. The project widens approximately 1.3 miles of the roadway into four lanes.	25
230417	San Carlos	Route 101/Holly St Interchange Access Improvements	The proposed project would convert the existing full cloverleaf configuration to a partial cloverleaf design by eliminating two of the existing loop off-ramps of the interchange, and realign the diagonal on- and off-ramps into signalized T-intersections with local streets. A new pedestrian and bicycle over crossing will be constructed in the south side of Holly Street Interchange.	28
New	San Mateo County	Middlefield Road Streetscape Improvement Project	The project is on Middlefield Road from Pacific Ave. to 5th Ave. and will be configured from an existing 4 lane road to a 3 lane road with one lane in each direction with a center turn lane. The project will include a streetscape, where sidewalks will be widened to accommodate; benches, landscape improvements, street lights, street art, public spaces, signage, and LID features.	13
240114	San Mateo County	Hwy 1 operational & safety improvements in County Midcoast (acceleration/deceleration lanes; turn lanes; bike lanes; pedestrian crossings; and trails)	Operational and safety improvements for vehicles, bicycles, and pedestrians, along the Highway 1 corridor between Half Moon Bay and Pacifica. This could include acceleration lanes, deceleration lanes, turn lanes, bike lanes, enhanced crossings, and trail network improvements.	29

Proposed Projects for the Update of Plan Bay Area 2040 in San Mateo County

RTPID	Submitted for update of PBA 2040 in 2015	Project Title	Project Description	Estimated Total Cost in Millions
22279	South San Francisco	US 101 Produce Avenue Interchange	Construct a new interchange on US 101 at Produce Avenue, connecting Utah Avenue on the east side of US 101 to San Mateo Avenue on the west side of US 101. This will allow for reconfiguration of the existing southbound ramps at Produce Ave and Airport Blvd, as well incorporation of the northbound off- and on- ramps at S. Airport Blvd into the interchange design.	147
New	South San Francisco	SSF Sidewalk Gap Closure	Construct sidewalks in various locations in the City of South San Francisco to close the first-tier-ranked "gaps" of missing sidewalks per the City's Climate Action and Pedestrian Master Plan.	17
New	South San Francisco	Railroad Avenue Extension	Construct new street along the existing rail right-of-way between East Grand/Allerton Avenue and South Linden Avenue to provide another roadway link between the east and west portions of the City of South San Francisco	16

C/CAG Programmatic Projects

ATTACHMENT D: RECOMMENDED GOALS AND PERFORMANCE TARGETS

	Proposed Goal	#	Proposed Target	Same Target as PBA?
STATUTORY TARGETS	Climate Protection	1	Reduce per-capita CO ₂ emissions from cars and light-duty trucks by 15%	✓
	Adequate Housing	2	<i>ABAG Proposal / Current Target:</i> House 100% of the region’s projected growth by income level (very-low, low, moderate, above-moderate) without displacing current low-income residents	✓
			-- OR -- <i>MTC Proposal:</i> House 100% of the region’s projected growth by income level with no increase in in-commuters over the Plan baseline year	
	Healthy and Safe Communities	3	Reduce adverse health impacts associated with air quality, road safety, and physical inactivity by 10%	
VOLUNTARY TARGETS	Open Space and Agricultural Preservation	4	Direct all non-agricultural development within the urban footprint (existing urban development and UGBs)	✓
	Equitable Access	5	Decrease the share of lower-income residents’ household income consumed by transportation and housing by 10%	✓
		6	Increase the share of affordable housing in PDAs by [TBD]%	
	Economic Vitality	7	Increase the share of jobs accessible within 30 minutes by auto or within 45 minutes by transit by [TBD]% in congested conditions	
	Transportation System Effectiveness	8	Increase non-auto mode share by 10%	✓
9		Reduce vehicle operating and maintenance costs due to pavement conditions by 100%		
10		Reduce per-rider transit delay due to aged infrastructure by 100%		