

C/CAG

CITY/COUNTY ASSOCIATION OF GOVERNMENTS OF SAN MATEO COUNTY

*Atherton • Belmont • Brisbane • Burlingame • Colma • Daly City • East Palo Alto • Foster City • Half Moon Bay • Hillsborough • Menlo Park
Millbrae • Pacifica • Portola Valley • Redwood City • San Bruno • San Carlos • San Mateo • San Mateo County • South San Francisco • Woodside*

BOARD MEETING NOTICE

Meeting No. 234

- DATE:** Thursday, April 14, 2011
- TIME:** **6:30 P.M. Board Meeting**
- PLACE:** San Mateo County Transit District Office
1250 San Carlos Avenue, Second Floor Auditorium
San Carlos, CA
- PARKING:** Available adjacent to and behind building.
Please note the underground parking garage is no longer open.
- PUBLIC TRANSIT:** SamTrans Bus: Lines 261, 295, 297, 390, 391, 397, PX, KX.
CalTrain: San Carlos Station.
Trip Planner: <http://transit.511.org>

- 1.0 CALL TO ORDER/ ROLL CALL
- 2.0 PLEDGE OF ALLEGIANCE
- 3.0 PUBLIC COMMENT ON ITEMS NOT ON THE AGENDA
Note: Public comment is limited to two minutes per speaker.
- 4.0 PRESENTATIONS/ ANNOUNCEMENTS
 - 4.1 PRESENTATION
- 5.0 REGULAR AGENDA
 - 5.1 Review and comment on the Draft Regional Transportation Plan/ Sustainable Communities Strategy (RTP/SCS) Project List. ACTION p. 1

6.0 COMMITTEE REPORTS

6.1 Committee Reports (oral reports).

6.2 Chairperson's Report.

6.3 Board Members Report

7.0 EXECUTIVE DIRECTOR'S REPORT

8.0 COMMUNICATIONS - Information Only

Copies of communications are included for C/CAG Board Members and Alternates only. To request a copy of the communications, contact Nancy Blair at 650 599-1406 or nblair@co.sanmateo.ca.us or download a copy from C/CAG's website – www.ccag.ca.gov.

9.0 ADJOURN

Next scheduled meeting: May 12, 2011 Regular Board Meeting.

PUBLIC NOTICING: All notices of C/CAG Board and Committee meetings will be posted at San Mateo County Transit District Office, 1250 San Carlos Ave., San Carlos, CA.

PUBLIC RECORDS: Public records that relate to any item on the open session agenda for a regular board meeting are available for public inspection. Those records that are distributed less than 72 hours prior to the meeting are available for public inspection at the same time they are distributed to all members, or a majority of the members of the Board. The Board has designated the City/ County Association of Governments of San Mateo County (C/CAG), located at 555 County Center, 5th Floor, Redwood City, CA 94063, for the purpose of making those public records available for inspection. The documents are also available on the C/CAG Internet Website, at the link for agendas for upcoming meetings. The website is located at: <http://www.ccag.ca.gov>.

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

If you have any questions about the C/CAG Board Agenda, please contact C/CAG Staff:

Executive Director: Richard Napier 650 599-1420 Administrative Assistant: Nancy Blair 650 599-1406

FUTURE MEETINGS

- April 7, 2011 SCS/ RHNA Planning Directors Meeting - San Carlos Library - 10:00 a.m.
- April 14, 2011 Legislative Committee - SamTrans 2nd Floor Auditorium - 5:30 p.m.
- April 14, 2011 C/CAG Board - SamTrans 2nd Floor Auditorium - 6:30 p.m.
- April 14, 2011 SCS Workshop - SamTrans 2nd Floor Auditorium - 6:30 p.m.
- April 19, 2011 NPDES Technical Advisory Committee - to be determined - 10:00 a.m.
- April 21, 2011 CMP Technical Advisory Committee - SamTrans 2nd Floor Auditorium - 1:15 p.m.
- April 21, 2011 Resource Management and Climate Protection Committee (RMCP) -
555 County Center 5th Floor, Redwood City - 3:00 p.m.
- April 25, 2011 Administrators' Advisory Committee - 555 County Center, 5th Fl, Redwood City - Noon
- April 25, 2011 CMEQ Committee - San Mateo City Hall - Conference Room C - 3:00 p.m.
- April 28, 2011 Bicycle and Pedestrian Advisory Committee (BPAC) - San Mateo City Hall -
Conference Room C - 7:00 p.m.

C/CAG AGENDA REPORT

Date: April 14, 2011
To: City/County Association of Governments Board of Directors
From: Richard Napier, C/CAG Executive Director
Subject: Review and comment on the Draft Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) Project List.

(For further information contact Sandy Wong at 599-1409 or Jean Higaki at 599-1462)

RECOMMENDATION

That the C/CAG Board review and comment on the Draft Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) Project List.

FISCAL IMPACT

None.

SOURCE OF FUNDS

NA

BACKGROUND/DISCUSSION

The Metropolitan Transportation Commission (MTC) issued a “call for projects” on February 14, 2011 for development of its long-range Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS). MTC has requested that project sponsors submit projects through their respective Congestion Management Agency (CMA) for each county. The county level “call for projects” was issued on February 18, 2011. In order to prepare and present a draft list of projects to the C/CAG committees, a spreadsheet submittal of projects was due to C/CAG staff by March 15, 2011.

This “call for projects” was issued to public works directors of the 21 local jurisdictions with copies sent to the respective city managers, planning directors, as well as MTC policy advisory council members (in San Mateo), C/CAG board members, C/CAG committee members, and low-income community based organization stakeholders.

To comply with outreach requirements, the “call for projects” has also been posted on the C/CAG website and has been distributed to the public upon request. A press release from C/CAG was issued on March 11, 2011. A Public Hearing on the Draft List of Projects was held on March 28, 2011 with notification posted in news publications.

C/CAG staff has worked with the San Mateo County Transit District (SamTrans), the San Mateo County Transportation Authority (SMCTA), Caltrain, and others, to develop project lists for Measure A, transit, and multi-county projects. Coordination meetings with MTC and California Department of Transportation (Caltrans) staff were held to discuss mutual priorities.

A draft RTP list of projects, based on request received from partner agencies in the County, was presented at the March 17, 2011 Congestion Management Program Technical Advisory Committee (TAC) meeting for review and comment. A public hearing to review the draft list was held at the Congestion Management Program and Environmental Quality Committee (CMEQ) on March 28, 2011.

MTC has issued a “target” financial boundary, which is based on population and is only used to set a “reasonable” limit on project submittals. The attached list of projects fit within the initial financial “constraint” issued by MTC. It should be noted that financial projections are still being developed at MTC, which will supersede the current financial constraint for the RTP. Because there will be a further financial “constraint” for the County, there is a possibility that some projects and programs further out in development may only include phases in this RTP.

Programmatic category projects are groups of similar projects, programs, and strategies that are included under a single group for ease of listing in the RTP/SCS. Projects within programmatic categories must be exempt from regional air quality conformity. Projects that add capacity or expand the network are not included in a programmatic category. C/CAG intends to submit the following programmatic categories of projects for the entire County of San Mateo:

- Bicycle and pedestrian facilities and enhancement
- Lifeline transportation
- Local road safety
- Highway safety
- Local streets and roads O&M
- Non-capacity increasing local road intersection modifications and channelization
- Install an Intelligent Transportation System (ITS) and a Traffic Operation System (TOS) countywide
- Shuttles
- Transforming El Camino Real into a Complete Street as part of the Grand Boulevard Initiative
- TLC/Streetscape
- Transportation Oriented Development (TOD)
- Transportation environmental enhancements
- Countywide Safe Routes to School Program
- Implement local circulation improvements and the local streets traffic management program

The remaining “call for projects” task schedule was developed by MTC and augmented with C/CAG processes (shaded tasks).

Schedule Task	Date
C/CAG issues a call for projects to all identified project sponsors	February 18, 2011
Open Web-Based Project Application Form for Use by CMAs/ Project Sponsors	March 1, 2011
Project Sponsor submits initial project list to C/CAG	March 15, 2011
C/CAG staff develops preliminary draft list of projects based on sponsor submittals	March 16, 2011
CMP TAC – Review of draft list	March 17, 2011

CMEQ (Public Hearing) – Review of the draft list	March 28, 2011
Project Sponsors to complete web based application	April 8, 2011
C/CAG Board – Review of the draft list	April 14, 2011
CMP TAC –Review of the Final List	April 21, 2011
CMEQ –Review of the Final List	April 25, 2011
Project Submittals Due to MTC	April 29, 2011
C/CAG Board –Approval of the Final List (C/CAG will submit a draft list and request an extension from MTC for Board approved final list.)	May 12, 2011
MTC Conducts Project-Level Performance Assessment	May – July 2011

After the close of the project submittal process, MTC will conduct “project-level performance assessments” from May-July 2011. MTC will also conduct a selection process for projects to include in “detailed scenarios assessment”. The “project-level performance assessment” is designed to identify projects and programs that advance the SCS/RTP goals, support the SCS land use strategy, and are cost-effective. The assessment will be similar to that performed as part of Transportation 2035. Methodologies for quantitatively and qualitatively comparing the merits of various 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 overall RTP/SCS development is scheduled for adoption during November 2012 – April 2013. It is anticipated that the RTP/SCS will continue to be updated every four (4) years with no mid term amendment.

ATTACHMENTS

- San Mateo County Draft 2040 Regional Transportation Plan (RTP/SCS) Projects
- Draft CalTrain Program of Projects for 2040 RTP Consideration
- Projects Being Covered by Programmatic Categories (Not Submitted Individually)

2040 RTP Preliminary Project List

New or Ref # of Existing Project	Sponsor	Project Title	Project Description	Total Cost (in millions)	RTP Financial Constraint (in millions)	Vision - Beyond Financial Constraint (in millions)	Funding Source
Highway							
21602	SMCTA, Caltrans, City of Burlingame	Reconstruct U.S. 101/Broadway interchange	Reconstruct interchange and ramps at US 101 and Broadway.	\$74.5	\$74.5	\$0.0	STIP, Meas A, Local
21603	SMCTA	Modify U.S. 101/Woodside Road interchange	Modify U.S. 101/Woodside Road interchange	\$66.0	\$66.0	\$0.0	STIP, Meas A, Local
21604	SMCTA	Construct modified auxiliary lanes on U.S. 101 from Oyster Point to San Francisco County line	Construct modified auxiliary lanes on U.S. 101 from Oyster Point to San Francisco County line	\$72.0	\$72.0	\$0.0	STIP, Meas A,
21606	SMCTA	Reconstruct U.S. 101/Willow Road interchange	Reconstruct U.S. 101/Willow Road interchange	\$57.0	\$57.0	\$0.0	STIP, Meas A, Local
21607	East Palo Alto	University Avenue Overpass Bike/ Ped Facility	Stage 2 operational and safety improvements of this interchange over two phases: Phase 2A includes construction of a diagonal southbound off-ramp, widening of University Avenue overcrossing for pedestrians on the north side of the structure and adding approximately 400 meters of auxiliary lane on the southbound. Phase 2A will include new design elements to improve the overall design quality of the project by adding new landscape elements and streetscape elements to the project. Phase 2B of the project will include widening the over-crossing structure on the south side as well as the approaches on both sides of the structure to accommodate bike lanes.	\$7.0	\$7.0	\$0.0	Federal Earmark HPP 3769, Local
21608	SMCTA	Construct auxiliary lanes (one in each direction) on U.S. 101 from Marsh Road to Embarcadero Road	Construct auxiliary lanes (one in each direction) on U.S. 101 from Marsh Road to Embarcadero Road	\$119.9	\$119.9	\$0.0	STIP, Meas A, Proposition 1B Corridor Mobility Improvement Account funds
21609	SMCTA	Improve local access from Sneath Lane and San Bruno Avenue to I-280/I-380 interchange (study phase only)	Improve local access from Sneath Lane and San Bruno Avenue to I-280/I-380 interchange (study phase only)	\$25.8	\$4.5	\$21.3	STIP, Meas A
21612	SMCTA	Improve access to/from west side of Dumbarton Bridge on Route 84 connecting to U.S. 101 (includes flyovers, interchange improvements and conversion of Willow Road between Route 84 and U.S. 101 to expressway)	Improve access to/from west side of Dumbarton Bridge on Route 84 connecting to U.S. 101 (includes flyovers, interchange improvements and conversion of Willow Road between Route 84 and U.S. 101 to expressway)	\$367.9	\$62.4	\$305.5	STIP, Meas A, Local

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2040 RTP Preliminary Project List

New or Ref # of Existing Project	Sponsor	Project Title	Project Description	Total Cost (in millions)	RTP Financial Constraint (in millions)	Vision - Beyond Financial Constraint (in millions)	Funding Source
21613	SMCTA	Improve Route 92 from San Mateo-Hayward Bridge to I-280 (includes widening and uphill passing lane from U.S. 101 to I-280 & modification of Route 92/El Camino Real interchange)	Improve Route 92 from San Mateo-Hayward Bridge to I-280 (includes widening and uphill passing lane from U.S. 101 to I-280 & modification of Route 92/El Camino Real interchange)	\$174.5	\$32.1	\$142.4	Federal Earmark 3mil, STIP, Meas A
21615	SMCTA / City of Daly City	Reconstruct I-280/Route 1 interchange (Daly City), including ramps	Reconstruct I-280/Route 1 interchange, including ramps	\$119.5	\$18.9	\$100.6	STIP, Meas A, Local
21892	SMCTA/ RWC	Widen Woodside Road from 4 to 6 lanes from El Camino Real to Broadway	Widen Woodside Road from 4 to 6 lanes from El Camino Real to Broadway	\$16.0	\$2.8	\$13.2	STIP, Meas A, Local
21893	SMCTA	Widen Route 92 from Half Moon Bay city limits and Pilarcitos Creek (includes widening shoulders and travel lanes to standard widths and straightening curves)	Widen Route 92 from Half Moon Bay city limits and Pilarcitos Creek (includes widening shoulders and travel lanes to standard widths and straightening curves)	\$34.0	\$5.0	\$29.0	STIP, Meas A, Local
22227	Brisbane/ SMCTA	Geneva Avenue Extension	Extend Geneva Avenue from its current terminus at Bayshore Boulevard through new Candlestick Interchange (see Ref ID 22756) and connect to Harney Way	\$87.0	\$87.0	\$0.0	Prop 1B, Meas A, STIP, Local, Developer
22229	Brisbane/ SMCTA	US 101-Sierra Point Parkway	Reconstruct Sierra Point Parkway on/off ramps at western join to US 101 and extend Lagoon Way from this improved interchange to Bayshore Boulevard	\$80.7	\$14.1	\$66.6	Prop 1B, Meas A, STIP, Local, Developer
22230	SMCTA / City of Daly City	Construct Auxiliary Lanes between I-380 and Hickey Boulevard (Daly City, South San Francisco, San Bruno)	Construct auxiliary lanes (one in each direction) on I-280 from I-380 to Hickey Boulevard	\$74.3	\$12.8	\$61.5	STIP, Meas A
22232	City of Daly City	Construct streetscape improvements in Planned Development Areas on Mission Street (Route 82) from John Daly Boulevard to San Pedro Road and on Geneva Avenue from city limit to city limit	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 John Daly Boulevard to San Pedro Road and Geneva Avenue from city limit to city limit. Projects to be phased for implementation in both design and construction.	\$50.4	\$5.4	\$45.0	Local, Developer
22239	Pacifica	Widen Manor Drive overcrossing at Route 1 (includes new traffic signals at intersection)	Widen Manor Drive overcrossing at Route 1 (includes new traffic signals at intersection)	\$12.3	\$12.3	\$0.0	STIP, Meas A, Local

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22261	Pacifica	Replace San Pedro Creek Bridge over Route 1	Replace San Pedro Creek Bridge over Route 1	\$8.0	\$8.0	\$0.0	Fed Earmarks, Meas A, STIP
22271	SMCTA	Widen Skyline Boulevard (Route 35) from 2 to 4 lanes between I-280 and Sneath Lane	Widen Skyline Boulevard (Route 35) from 2 to 4 lanes between I-280 and Sneath Lane	\$21.9	\$3.8	\$18.1	STIP, Meas A
22279	South San Francisco/ SMCTA	U.S. 101/Produce Avenue Interchange	Construct new U.S. 101/Produce Avenue interchange (includes replacement of Produce Avenue on- and off-ramps and South Airport Boulevard ramps to U.S. 101 at Wondercolor Lane) connecting to South Airport Boulevard and San Mateo Avenue.	\$107.3	\$107.3	\$0.0	STIP, Meas A, Local
22282	SMCTA	Improve U.S. 101 operations near Route 92	Improve U.S. 101 operations near Route 92	\$53.8	\$53.8	\$0.0	Phase 1 (Phased construction - 40mil), STIP, Meas A, Local
22751	Half Moon Bay	Improve operations and safety of Route 1 in Half Moon Bay (includes extending Route 1 to Half Moon Bay city limits and channelization at local intersections)	Improve operations and safety of Route 1 in Half Moon Bay (includes extending Route 1 to Half Moon Bay city limits and channelization at local intersections)	\$16.3	\$16.3	\$0.0	STIP, Meas A, Local
22756	Brisbane/ SMCTA	US 101-Candlestick Point Interchange	Reconstruct Candlestick Point interchange at US 101, including through connections on west to an extended Geneva Avenue (see Ref ID 22227) and on east to Harney Way	\$192.0	\$192.0	\$0.0	STIP, Meas A, Local, Developer
94644	SMCTA	Construct westbound slow-vehicle lane on Route 92 from Route 35 to I-280	Construct westbound slow-vehicle lane on Route 92 from Route 35 to I-280	\$112.2	\$19.6	\$92.6	Meas A, STIP
98204	SMCTA/ Pacifica	Add travel lane (one in each direction) on Route 1 (Calera Parkway) between Fassler Avenue and Westport Drive in Pacifica (includes traffic signal coordination on Fassler Avenue and Reina Del Mar Avenue)	Add travel lane (one in each direction) on Route 1 (Calera Parkway) between Fassler Avenue and Westport Drive in Pacifica (includes traffic signal coordination on Fassler Avenue and Reina Del Mar Avenue)	\$45.7	\$45.7	\$0.0	Meas A, STIP, Local
230417	City of San Carlos	US 101/Holly Street Interchange Modification	Widen EB to NB loop to 2 lanes and eliminate NB to WB Loop. Provide grade-separated pedestrian and bicycle path.	\$18.5	\$18.5	\$0.0	Local, Developer
230428	City of Redwood City	Redwood City Blomquist Street Extension and Blomquist Bridge over Redwood Creek	Extend Blomquist Street to Bair Island Road/East Bayshore Rd which includes a new Blomquist Bridge crossing Redwood Creek	\$12.0	\$12.0	\$0.0	Developer

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2040 RTP Preliminary Project List

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230592	East Palo Alto	Bay Road Improvements Project, Phase 2 & Phase 3	Traffic calming and streetscape Improvements on Bay Road from University Avenue to Cooley Landing. Phase II segment will be from Clarke Avenue to Tara Road, and Phase III will be from Tara Road to Bay Trail. Improvements include : construction of wider sidewalks, storm drainage systems, pedestrian and street lighting, Landscaped median, planters, landscaped bulb outs, and streetscape elements, bus stop stop facilities, colored concrete pavement (decorative) at intersections, Resurfacing of the roadway, lighted (LED) crosswalks, bike lanes, irrigation and planting of shrubs and trees in the median and on both sides of the roadway, Relocation of existing utilities, Construction of new ADA ramps at all intersections and mid-block crossings, and New pavement striping.	\$11.9	\$11.9	\$0.0	Federal Earmarks HPP #707, #3767 and STP earmark CA 784, Local
230704	City of Foster City	State Route 92/Chess Drive Ramp Widening Project	Widening on and off ramps	\$2.4	\$2.4	\$0.0	Developer, Local
New	C/CAG	US101 HOV/T lanes, Whipple to County Line	Modify existing lanes to accommodate an HOV/T lane from Whipple to County Line	\$40.0	\$40.0	\$0.0	STIP, Local
New	City of Daly City	Callan Boulevard / Serramonte Boulevard and Lake Merced Boulevard / Southgate Avenue Intersection Improvements	Intersection and signalization improvements at the Callan Boulevard / Serramonte Boulevard intersection and at the Lake Merced Boulevard / Southgate Avenue intersection	\$0.6	\$0.6	\$0.0	Local, Developer
New	City of Millbrae	California Drive Extension	Extend California Drive north to the intersection of Victoria and El Camino Real	\$7.4	\$1.7	\$5.7	Local
New	City of Millbrae	Millbrae Avenue and Rollins Road Intersection Improvement	Widen Millbrae Avenue between Rollins Road and US101 southbound onramp and resurface the intersection	\$3.3	\$0.7	\$2.5	Local
New	Foster City	Triton Drive	Widen Triton drive between Foster City Boulevard and Pilgrim	\$1.5	\$1.5	\$0.0	Developer, Meas A, Local
New	Menlo Park	Sand Hill Road Signal	Signal Coordination between	\$1.8	\$1.8	\$0.0	Local, Measure A
New	Menlo Park	Willow Road Adaptive Signal	Adaptive Signal control	\$2.3	\$2.3	\$0.0	Local, Measure A

2040 RTP Preliminary Project List

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230349	NPS/ GGNRA	Improve local access to National Park Service (NPS) lands in San Mateo	Improve local access to National Park Service (NPS) lands in San Mateo	\$151.1	\$30.0	\$121.1	FHWA Federal Lands Highway Program/ Park Roads and Parkways Program (FLHP/ PRPP), Central Federal Lands Highways (CFL) Division,
New	SMCTA	101/Penisula Ave West modifications	Reconstruct 101 Interchange to add on and off ramps from southbound 101	\$35.0	\$6.0	\$29.0	Meas A, STIP, Local
New	San Mateo County	Highway 1 Safety and Mobility Project	Operational and Safety Improvements for vehicles, bicycles, and pedestrians, along the Highway One corridor between Half Moon Bay and Pacifica	\$65.0	\$13.8	\$51.2	Local
New	SMCTA/ Daly City	I-280/John Daly Boulevard Overcrossing	Widen the north side of John Daly Boulevard I-280 overpass to accommodate vehicular and Bike/Ped	\$7.7	\$1.3	\$6.4	Meas A, STIP, Local
Sub Total				\$2,356.4	\$1,244.7	\$1,111.7	

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Transit							
22226	City of Brisbane	Bayshore Intermodal Station	Enhance existing Caltrain facility to additionally accommodate SFMTA buses, Samtrans buses, cross-platform transfers between Caltrain and SFMTA (connect with 3rd Street Light Rail extension, see Ref ID 94632), and transfers from/to new Geneva Ave/Harney Way Bus Rapid Transit (see Ref ID 230207)	\$48.6		\$48.6	STIP, Local Funds, Measure A, and Developer Exactions
230433	City of Redwood City	Redwood City Ferry Service Implementation	Implement ferry service from the Redwood City ferry terminal to other terminals in the Bay Area	\$51.2	\$51.2	\$0.0	Transit Admin - Ferry Boat fund, USDOT (To be submitted by WETA)
New	City of Redwood City	Redwood City Ferry Terminal	Construct a new ferry terminal to be located off Seaport Blvd adjacent to the Port of Redwood City.	\$15.0	\$15.0	\$0.0	Meas A (To be submitted by WETA)
New	City of Redwood City	Redwood City Street Car Construction and Implementation	Construct and implement street car service on Broadway from 5th Ave to downtown train station	\$10.0		\$10.0	
New	SamTrans	SamTrans BRT	Implementation of BRT service in San Mateo County on the El Camino Real	\$120.0		\$120.0	
94667	SamTrans	Incremental Increase in Paratransit Service	Increase in capacity of the SamTrans paratransit fleet and service to meet projected demand	\$491.8	\$268.7	\$497.4	FTA Section 5310, District sales tax, Measure A sales tax, Measure M veh. reg. Fee
230192	SamTrans	SamTrans Rapid Bus	Improve SamTrans bus service on the El Camino Real (include enhanced service levels, transit priority measures, signal timing and related bus improvements)	\$2.5	\$2.5	\$0.0	District Sales Tax, Measure A sales tax, Measure M veh. reg. Fee

2040 RTP Preliminary Project List

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Sub Total				\$739.1	\$337.4	\$676.0	

Programmatic Categories							
230430	C/CAG	Bicycle and pedestrian facilities and enhancement	Bicycle and Pedestrian facilities and enhancements including class I, II, and III facilities, Bicycle bridge overcrossings, Bicycle / Ped Trails, bicycle and pedestrian access, and other related air quality exempt work.	\$60.0	\$60.0	\$0.0	\$1,000mil covered under Regional #22247
22423	C/CAG	Lifeline transportation	Lifeline Transportation Program: fund programs and services that address transportation gaps specific to low-income communities	\$33.0	\$33.0	\$0.0	\$400mil covered under Regional #22423
New	C/CAG	Non-capacity increasing local road intersection modifications and channelization	Make local intersection improvements (includes street channelization, overcrossings, and safety improvements)	\$63.0	\$10.0	\$53.0	
22274	C/CAG	Install an Intelligent Transportation System (ITS) and a Traffic Operation System (TOS) countywide	Install an Intelligent Transportation System (ITS) and a Traffic Operation System (TOS) countywide	\$73.7	\$73.7	\$0.0	Prop 1B, Meas A, STIP
22268	C/CAG	Shuttles	Provide countywide shuttle service between Caltrain stations and/ or major activity centers (includes purchase of vehicles)	\$175.0	\$97.0	\$78.0	
New	SamTrans	Transforming El Camino Real into a Complete Street as part of the Grand Boulevard Initiative	Planning and implementation of a "complete streets" design for Mission Street/El Camino Real as part of the Grand Boulevard Initiative to accommodate all modes of travel, including but not limited to curb/gutters, sidewalks, drainage, street crossings, bike facilities, streetscape, medians, utilities, traffic channelization, signal improvements, bulbouts, parking, bus and transit access improvements.	\$175.5	\$50.0	\$125.5	STIP-TE, CMAQ (TLC), Local
New	C/CAG	TLC/Streetscape	Planning and implementation of a Complete Streets design to accommodate all modes of travel.	\$60.0	\$50.0	\$10.0	\$2,200 mil covered under Regional #21011 for to improve pedestrian, bicycle and transit access; and support station development areas and FOCUS Priority Development Areas (PDAs)

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2040 RTP Preliminary Project List

New or Ref # of Existing Project	Sponsor	Project Title	Project Description	Total Cost (in millions)	RTP Financial Constraint (in millions)	Vision - Beyond Financial Constraint (in millions)	Funding Source
21624	C/CAG	Transit Oriented Development (TOD)	Implement an incentive program to support transit-oriented developments in San Mateo	\$100.0	\$50.0	\$50.0	
New	C/CAG	Transportation environmental enhancements	Transportation-related capital improvement projects that enhance quality-of-life, in or around transportation facilities as defined by Caltrans TE program. Includes slope protection/ stabilization and erosion control.	\$25.0	\$25.0	\$0.0	
230434	C/CAG	Implement local circulation improvements and the local streets traffic management program	Implement local circulation improvements and the local streets traffic management program	\$20.0	\$20.0	\$0.0	
New	C/CAG	Implement San Mateo County's Safe Routes to Schools Program	Implement San Mateo County's Safe Routes to Schools Program. Includes capital and non-capital projects.	\$9.5	\$9.5	\$0.0	Local. Regional outreach and educational projects also covered by Regional #230550
New	C/CAG	Local road safety	Improve the functionality and safety of local streets and arterials in San Mateo.	\$5.0	\$5.0	\$0.0	HSIP and similar Caltrans programs to be submitted by Caltrans
New	C/CAG	Highway safety	Improve the functionality and safety of highways in San Mateo.	\$5.0	\$5.0	\$0.0	HSIP and similar Caltrans programs to be submitted by Caltrans
230697	C/CAG	Local streets and roads O&M	Local streets and roads maintenance	\$3,089.0	\$400.0	\$2,689.0	To be submitted by MTC

Sub Total \$785.2 \$468.7 \$316.5
Total **\$3,880.7** **\$2,050.8** **\$2,104.2**

Caltrain Total \$1,893.2 Caltrain estimate without the "TBD" (to be submitted directly to MTC)
 \$631.1 Estimate, divided by 3 to estimate San Mateo County share
Grand Total **\$4,511.8** **\$2,681.8**

DRAFT Caltrain Program of Projects for 2040 RTP Consideration

Project/Program	Project Cost (in Millions)	Priority
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Existing service level - 5 trains during peak

Design and implement safety elements related to signal communication and positive train control.	\$231.0	1
South Terminal Phases 2 & 3 - Design, ROW & Construction	TBD	1
Implement a subset of grade separation projects in San Mateo County that will allow for increased safety through certain grade crossings.	TBD	1
Improve Caltrain stations (includes upgrades/relocation of platforms, new platforms, pedestrian tunnels, pedestrian crossings and parking improvements) - enhancement for existing service level	TBD	1, 2, 3

Enhanced service level with Electrification - 6 trains during peak

Electrify Caltrain from Tamien to San Francisco (includes installation of power substations, catenary system, and other infrastructure).	\$785.0	2
Vehicle Expansion to support 6 trains during peak - 14 EMUs	63.0	2
Improve Caltrain stations (includes upgrades/relocation of platforms, new platforms, pedestrian tunnels, pedestrian crossings and parking improvements) - Enhancement to accompany increased level of ridership associated with an electrified railroad	TBD	1, 2, 3

Expanded service level - up to 10 trains during peak

Caltrain Terminal Station Improvement: Re-configure Caltrain 4th & King Station to accommodate future Caltrain and High Speed Rail service. Improvements include platform, trackway, signal and building modifications.	\$100.0	3
Caltrain Terminal Station Improvement: San Jose Diridon Station - Station Design, Construction & Redevelopment around station	TBD	3
Caltrain Transit Hub Stations & other station improvements: Station improvements at Millbrae and other to-be-determined Caltrain stations. Improvements to support potential expanded Caltrain service and high speed rail connections in the future, as well as to support major planning developments around the station.	TBD	3

DRAFT Caltrain Program of Projects for 2040 RTP Consideration

<u>Project/Program</u>	<u>Project Cost (in Millions)</u>	<u>Priority</u>
Implement Caltrain grade separation program in San Mateo County.	\$714.2	3
Implement Caltrain grade separation program in San Francisco and Santa Clara Counties.	TBD	3
Vehicle Expansion to support up to 10 trains during peak - ?? EMUs	TBD	3
Construct Midline overtake in the vicinity of Redwood City (a passing siding or express track where express trains bypass local trains that make more stops).	TBD	3

San Mateo County
 Draft 2040 Regional Transportation Plan (RTP/SCS) Projects
 (Costs are shown in \$ millions)

**Projects Being Covered by Programmatic Categories
 (Not Submitted as Individual Projects)**

New or Ref # of Existing Project	Sponsor	Project Title	Project Description	Programmatic Category
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The below projects will be covered by the "Bicycle and pedestrian facilities and enhancement" Programmatic Category

New	City of Redwood City	Bicycle and pedestrian utilization enhancement on various local and state roadways	Bicycle and pedestrian utilization enhancement on various local and state roadways	Bicycle and pedestrian facilities and enhancement
New	City of San Bruno	El Camino Real Pedestrian Crossing	Construct specialized and improved pedestrian crossing on El Camino Real north of I-380 to connect the Crossing mixed-used development and the Tanforan Shopping Center.	Bicycle and pedestrian facilities and enhancement
New	County of San Mateo	Countywide bicycle improvements	Upgrade bicycle signage, striping, and travel surface under all major highways intersections	Bicycle and pedestrian facilities and enhancement
New	County of San Mateo	Countywide pedestrian, cyclist, improvements	Minimize barriers around all major highways. Studies for overpasses around highway 1; improve crossing for bicycles at Hwy 92 etc.	Bicycle and pedestrian facilities and enhancement
NEW	East Palo Alto	Highway 101 Pedestrian/Bicycle Overcrossing	Construction of a bicycle/pedestrian crossing over Highway 101 and associated improvements to connect to existing roadways and trails. The exact location of the crossing has not yet been identified. Provide a pedestrian/bicycle link between the two sides of the City divided by Highway 101.	Bicycle and pedestrian facilities and enhancement

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 (Costs are shown in \$ millions)

**Projects Being Covered by Programmatic Categories
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New or Ref # of Existing Project	Sponsor	Project Title	Project Description	Programmatic Category
NEW	East Palo Alto	East Palo Alto Pedestrian and Bicycle safety improvements	Improving safety for pedestrians and bicyclists on arterials and collectors, including Pulgas, and Clarke Avenue by installing loop detectors, signage and pavement markers for bicycles, to connect a new activity center, Cooley Landing, and employment in the Ravenswood Business District, Palo Alto, and Menlo Park with designated Class II and III bicycle lanes. Includes widening, restriping and installing loop detectors on University Avenue, University and Bay Road, a Class II regional bicycle route, and installing pavement markers, and signage on Clarke and Pulgas, and one loop detector with a bicycle detector at the East Bayshore and Pulgas Avenue. Enhance safety on neighborhood streets providing access to bicycle commuters connecting to Redwood City, Menlo Park, and Palo Alto by upgrading existing roadways on Fordam Street from Purdue Avenue to Bay Road, and from Donohoe/West Bayshore/Manhattan/Woodland from the Menlo Park City limit at Donohoe Street to Euclid Avenue and Woodland Avenue; On Euclid and Runnymede from Euclid Avenue and Donohoe to Runnymede Street and the San Francisco Bay Trail; on Pulgas from Bay Road to East Bayshore Road.	Bicycle and pedestrian facilities and enhancement

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San Mateo County
 Draft 2040 Regional Transportation Plan (RTP/SCS) Projects
 (Costs are shown in \$ millions)

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New or Ref # of Existing Project	Sponsor	Project Title	Project Description	Programmatic Category
NEW	East Palo Alto	East Palo Alto Pedestrian Overcrossing	POC at a location 1 mile from the University Bridge Overpass for the purpose of accessing the Bay Trail, to provide safe alternative routes for pedestrians commuters, shoppers, and school age youth due to the safety concerns located at the University Highway 101 interchange, and the higher than average collision frequency. Project includes alignment with City of Palo Alto bicycle route, and Newell Street Bridge, which is to be replaced to ensure safe access to the City's number 1, 2, and 4 employment centers, the cities of Palo Alto, Menlo Park and Redwood City respectively.	Bicycle and pedestrian facilities and enhancement
NEW	East Palo Alto	Bay Trail at Weeks Avenue and University Avenue/ SFPUC Access Road.	Project consists of improving the missing links to the Bay Trail at two locations. Location one includes approximately 700 feet north of Weeks Avenue, and site two includes roughly 3,500 feet going northeasterly from University Avenue and the SFPUC Access Road.	Bicycle and pedestrian facilities and enhancement
The below projects will be covered by the "Highway Bridge Program" Programmatic Category				
New	City of Redwood City	Bridge retrofit and enhancement program	Bridge retrofit and enhancement program	Highway Bridge Program (HBP) submitted by Caltrans
The below projects will be covered by the "Local road safety" Programmatic Category				
New	County of San Mateo	Countywide Reflectivity Sign Upgrades	Replace all regulatory, warning, informational, and streetsigns with signs that have better reflectivity indices. Mandatory requirement per CA MUTCD	Local road safety

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San Mateo County
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(Costs are shown in \$ millions)

**Projects Being Covered by Programmatic Categories
(Not Submitted as Individual Projects)**

New or Ref # of Existing Project	Sponsor	Project Title	Project Description	Programmatic Category
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The below projects will be covered by the "Local streets and roads O&M" Programmatic Category				
New	City of Millbrae	Larkspur Drive Reconstruction	Reconstruct Larkspur Drive between Skyline Boulevard and Helen Drive in the City of Millbrae	Local streets and roads O&M
New	City of Redwood City	Roadway surface enhancement	Roadway surface enhancement	Local streets and roads O&M
New	County of San Mateo	Reconstruction of Middlefield Road	Reconstruction of Middlefield Road; underground project, upgrade downtown North Fair Oaks. Improve parking, pedestrian access, crosswalks.	Local streets and roads O&M
New	County of San Mateo	Reconstruction and resurfacing projects countywide	General O&M	Local streets and roads O&M
The below projects will be covered by the "Non-capacity increasing local road intersection modifications and channelization" Programmatic Category				
New	City of Millbrae	El Camino Real/Millwood Drive Intersection Signalization	Install a traffic signal at the intersection of Millwood Drive and El Camino Real	"Non-capacity increasing local road intersection modifications and channelization" or "Implement local circulation improvements and the local streets traffic management program"
The below projects will be covered by the "Shuttles" Programmatic Category				
New	City of Redwood City	Various alternative transportation program including shuttles	Various alternative transportation program including shuttles	Shuttles
The below projects will be covered by the "TLC/Streetscape" Programmatic Category				
New	City of Millbrae	Millbrae Avenue Traffic Calming and Streetscape	Install traffic calming features and streetscape along Millbrae Avenue between Ashton Avenue and Magnolia Avenue	TLC/Streetscape
New	City of Redwood City	Landscape and streetscape enhancement along local and state roadways	Landscape and streetscape enhancement along local and state roadways	TLC/Streetscape

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San Mateo County
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 (Costs are shown in \$ millions)

**Projects Being Covered by Programmatic Categories
 (Not Submitted as Individual Projects)**

New or Ref # of Existing Project	Sponsor	Project Title	Project Description	Programmatic Category
The below projects will be covered by the "Transforming El Camino Real into a Complete Street as part of the Grand Boulevard Initiative" Programmatic Category				
New	Caltrans, City of Burlingame	Reconstruct State Highway 82 - part of the Grand Boulevard Multimodal Corridor	Reconstruct State Highway 82/ El Camino Real with new paving, curb and gutters, sidewalks, and drainage	Transforming El Camino Real into a Complete Street as part of the Grand Boulevard Initiative
New	City of Redwood City	Grand Boulevard enhancement along El Camino Real	Grand Boulevard enhancement along El Camino Real	Transforming El Camino Real into a Complete Street as part of the Grand Boulevard Initiative
New	City of San Carlos	El Camino Real TOD Readiness	Improve all of El Camino Real, from Redwood City to Belmont city limits, with widened sidewalks; tree planting; high-efficiency, pedestrian-scale lighting; bulbouts, pervious pavement in parking areas; rain gardens; and bus stop benches and shelters. Relocate current bus and shuttle transit center to accommodate planned transit-oriented residential/commercial development and pedestrian plaza at train depot. Provide traffic signal for new transit center and modify existing signals. Expand sewer and storm drain capacity to accommodate TOD.	Transforming El Camino Real into a Complete Street as part of the Grand Boulevard Initiative
The below projects will be covered by the "Transit Oriented Development (TOD)" Programmatic Category				
New	City of San Bruno	San Bruno TOD Pedestrian Access and Safety Improvements	Install additional sidewalk, curb ramps, street trees, landscaping, pedestrian-scale lighting, and way finding signs in pedestrian emphasis zones around transit and mixed use developments.	Transit Oriented Development (TOD)

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San Mateo County
 Draft 2040 Regional Transportation Plan (RTP/SCS) Projects
 (Costs are shown in \$ millions)

**Projects Being Covered by Programmatic Categories
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New or Ref # of Existing Project	Sponsor	Project Title	Project Description	Programmatic Category
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The below projects will be covered by the "Transportation environmental enhancements" Programmatic Category				
New	County of San Mateo	Mirada Road Reconstruction	Reconstruction Mirada Road; add sheet piles to protect road from coastal erosion	Transportation environmental enhancements
New	County of San Mateo	Old La Honda Road Soil Nailing	Reconstruct Old La Honda Road using soil nailing to hold slipout areas in tack. Old La Honda Road is a recreational bicycle route	Transportation environmental enhancements
New	County of San Mateo	Alpine Road Soil Nailing	Reconstruct Alpine Road using soil nailing to hold slipout areas in tack. Alpine Road is a recreational bicycle route	Transportation environmental enhancements