



SWAT

Danville • Lafayette • Moraga • Orinda • San Ramon & the County of Contra Costa

SOUTHWEST AREA TRANSPORTATION COMMITTEE

MEETING AGENDA

Monday, February 4, 2013

3:00 p.m.

City of San Ramon
2222 Camino Ramon
San Ramon, CA 94583

Any document provided to a majority of the members of the Southwest Area Transportation Committee (SWAT) regarding any item on this agenda will be made available for public inspection at the meeting and at the Danville Town Offices, 510 La Gonda Way, Danville, CA during normal business hours.

1. CONVENE MEETING/SELF INTRODUCTIONS

2. PUBLIC COMMENT:

Members of the public are invited to address the Committee regarding any item that is not listed on the agenda. *(Please complete a speaker card in advance of the meeting and hand it to a member of the staff)*

3. BOARD MEMBER COMMENT

4. ADMINISTRATIVE ITEMS

5. CONSENT CALENDAR:

5.A Approval of Minutes: SWAT Minutes of January 7, 2013 *(Attachment - Action)*

End of Consent Calendar

6. REGULAR AGENDA ITEMS:

6.A Review and Comment on 2014 Countywide Comprehensive Transportation Plan (CTP) Launch and Sustainability Discussion White Papers: CCTA has prepared discussion white papers on the launch and proposed implementation of the 2014 CTP, and proposed sustainability concepts, options, and strategies to consider for possible incorporation into the 2014 CTP. CCTA is seeking RTPC comments on the discussion white papers at this time. *(Attachments – No Action)*

7. WRITTEN COMMUNICATIONS: Consider Actions as Appropriate (*Attachments*)

- CCTA summary of actions from Board meetings of 12/19/12 and 1/17/13
- WCCTAC summary of actions from Committee meetings of 12/7/12 and 1/25/13
- TRANSPAC summary of actions from Committee meeting of 12/13/12
- Contra Costa County – Notice of Availability and Public Review for proposed Adoption of Negative Declaration for Draft Contra Costa County Climate Action Plan

8. DISCUSSION: Next Agenda

9. ADJOURNMENT to Monday, March 4, 2013, 3:00 p.m., City of San Ramon, 2222 Camino Ramon, San Ramon.

The SWAT Committee will provide reasonable accommodation for persons with disabilities planning to participate in SWAT monthly meetings. Please contact Andy Dillard at least 48 hours before the meeting at (925) 314-3384 or adillard@danville.ca.gov.

Staff Contact: Andy Dillard, Town of Danville

Phone: (925) 314-3384 / E-Mail: adillard@danville.ca.gov.

Agendas, minutes and other information regarding this committee can be found at: www.cccounty.us/SWAT

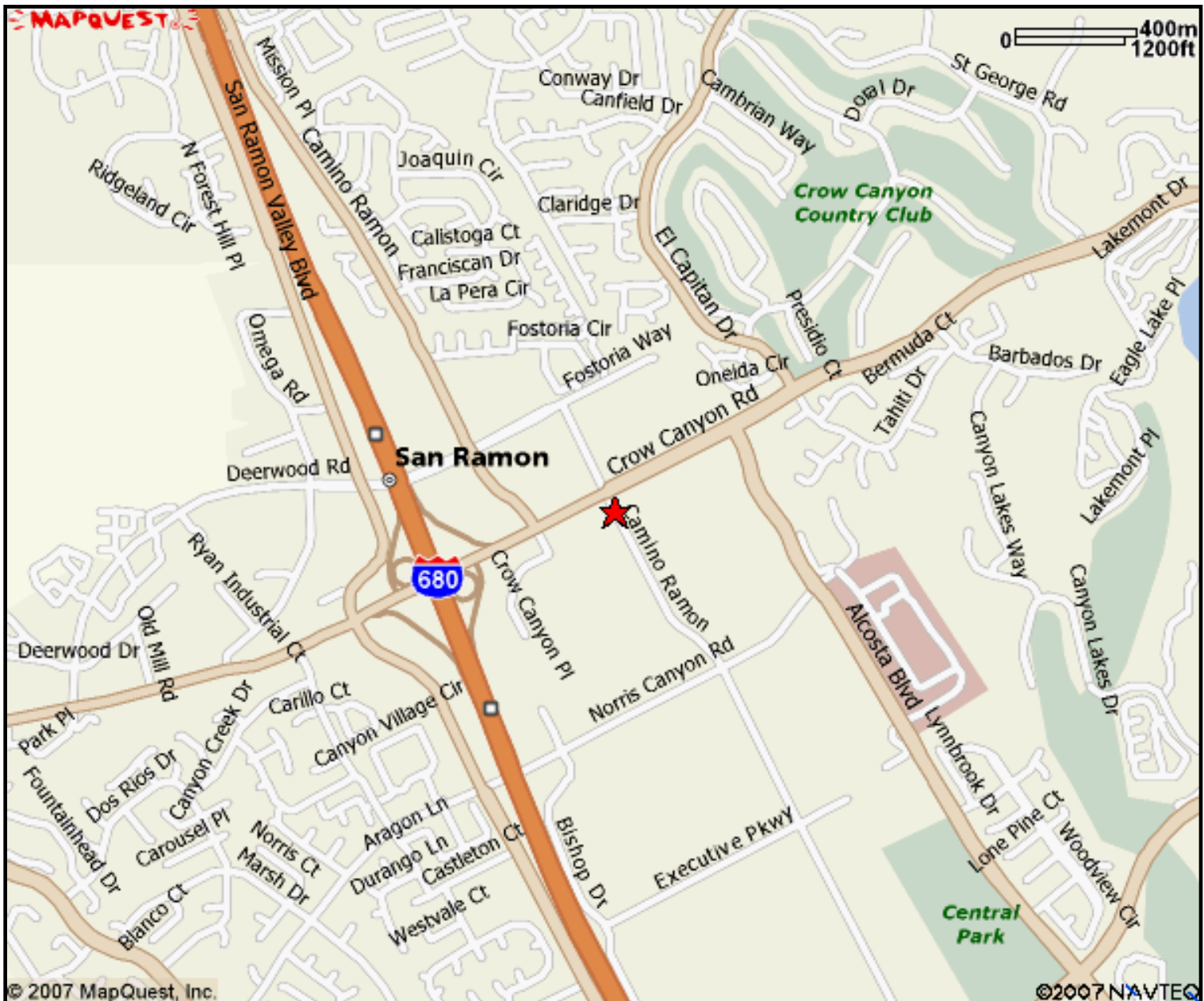
SOUTHWEST AREA TRANSPORTATION COMMITTEE
MEETING LOCATION MAP

CITY OF SAN RAMON, 2222 CAMINO RAMON,
SAN RAMON, CA 94583

DIRECTIONS:

I-680 South (from Walnut Creek):

- Take the CROW CANYON ROAD (Exit 36).
- Turn LEFT onto CROW CANYON ROAD.
- Go approximately .4 miles and turn right on to CAMINO RAMON.
- Turn right into parking lot (Commons Office Park). City Hall will be on the left.



Agenda Item 5.A



SWAT

Danville • Lafayette • Moraga • Orinda • San Ramon & the County of Contra Costa

SUMMARY MINUTES

January 7, 2013 – 3:00 p.m.

Town of Moraga

Hacienda de las Flores

2100 Donald Drive

Moraga, California

Committee Members Present: Michael Metcalf (Chair), Town of Moraga; David Hudson (Vice Chair), City of San Ramon; Amy Worth, City of Orinda; Don Tatzin, City of Lafayette; Karen Stepper, Town of Danville; Candace Andersen, Contra Costa County.

Staff members present: Chuck Swanson, City of Orinda; John Cunningham, Contra Costa County; Shawna Brekke-Read, Town of Moraga; Leah Greenblat, City of Lafayette; Lisa Bobadilla, City of San Ramon; Andy Dillard, Town of Danville.

Others present: Martin Engelmann, CCTA; Brad Beck, CCTA; Diedre Heitman, BART; Grace Schmidt, Alamo; Smitty Schmidt, Alamo; Mike Gibson, Alamo.

1. **CONVENE MEETING/SELF INTRODUCTIONS:** Meeting called to order by Chair Metcalf at 3:05 p.m.
2. **PUBLIC COMMENT:** Grace Schmidt spoke that, as has been expressed and documented at past SWAT and Tri-Valley Transportation Council meetings, residents of Alamo are not in support of road widening projects for the Stone Valley/Danville Blvd intersection. Ms. Schmidt stated how the eliminated project was slated to be partially funded by the Southern Contra Costa (SCC) Fee Mitigation Program, which is a fee program that was created as part of the Dougherty Valley Settlement. Ms. Schmidt requested to obtain a copy of the Dougherty Valley Settlement Agreement from County staff.

Mike Gibson, speaking on behalf of the Alamo Improvement Association, also spoke regarding the Dougherty Valley Settlement Agreement, the associated SCC fee program and funding, and the associated projects that the funding was eligible for. Mr. Gibson reiterated that residents of Alamo are sensitive to projects or funding sources that have been previously been identified that may facilitate traffic flow through the Alamo area. It was mentioned that a Stone Valley/Danville Blvd project that was previously listed in the Tri-Valley Transportation Plan/Action Plan was removed as part of the last update in 2008. Mr. Gibson requested information on the governing body that oversees the SCC fee

program. County staff volunteered to forward the requested documents and information pertaining to the fee program and settlement agreement to Mr. Gibson.

Martin Engelmann spoke that the Stone Valley Road/Danville Blvd. project that had been, at one time, included in previous transportation planning documents and transportation project databases, had since been removed and eliminated as a part of previous transportation document and project list updates, and that it is no longer a planned project.

3. BOARD MEMBER COMMENT: None

4. ADMINISTRATIVE ITEMS: Andy Dillard recorded the minutes. Extra agenda packets were made available.

5. CONSENT CALENDAR:

5.A Approval of Minutes: SWAT Minutes of October 1, 2012 (*Attachment - Action*)

5.B Appoint the SWAT Chair and Vice-Chair for 2013

5.D Appoint the South County SWAT Representative to the CCTA

5.E Approve Memorandum of Understanding (MOU) for SWAT Administrative Services for Contract Service Years 2013 and 2014 meeting.

ACTION: Motion made to approve items 5.A, 5.B, 5.D, 5.E, and remove item 5.C for discussion. Tatzin/Worth/Unanimous

5.C Appoint the Lamorinda SWAT Representative to the CCTA: Committee Member Tatzin requested that the 2013 rotation of the Lamorinda representative seat on the CCTA Board be delayed until after the February 2013 Authority Board meeting. The Moraga representative (Metcalf) would assume the Lamorinda seat at the March 2013 (or subsequent) Authority meeting.

ACTION: Worth/Tatzin/Unanimous

End of Consent Calendar

6. REGULAR AGENDA ITEMS:

6.A Status Updates on SB 375/Sustainable Community Strategies (SCS) and OneBayArea Grant (OBAG):

Martin Engelmann, CCTA staff provided an update on the latest information on the OneBayArea Grant program including current estimated funding levels, programmatic allocation amounts, and eligibility requirements. It was reported that Contra Costa is estimated to receive approximately \$45M in OBAG funding as part of the proposed Cycle 2 commitments. As part of the OBAG criteria, there is an eligibility requirement that 70% of the funds are to be used within PDAs, or “proximate access to” PDAs, and 30% can be used in non-PDA areas.

Michael Metcalf inquired about the 70% PDA eligibility requirements as it relates to spending local streets and roads dollars under OBAG, and if it has to be spent directly within PDA's, and if it can include connecting arterial roadways. It was explained that it can also be spent in areas that provide proximate access to PDAs, and was suggested that some flexibility will be given to jurisdictions determining the definition of proximate access as part of the first round of OBAG funding.

Martin Engelmann also explained that there are two performance and accountability policies under OBAG that jurisdictions must produce including a Complete Streets checklist and HCD certification of it Housing Element. Additionally, it is the responsibility of the CMA's to produce a PDA investment and growth strategy as a means of establishing a project priority setting process that supports and encourages development within the region's PDAs, and that encourages and supports local jurisdictions to meet their housing objectives. The Authority is in the process of establishing a PDA working group to assist in developing PDA project evaluation and prioritization criteria. It was explained that examples of project prioritization criteria identified by OBAG should include projects in "high impact project areas".

Prior Cycle 1 and 2 funding commitments were reviewed, and it was explained that these committed funds were allocated to jurisdictions by a familiar formula that included road miles, population, and pavement condition. It was reported that there will be approximately \$7.0M remaining in OBAG Cycle 2 funds that have not yet been allocated. It was reported that many jurisdictions have indicated to the Authority that there is a strong desire to allocate these funds for local streets preservation. Karen Stepper reiterated and expressed support for allocating the remaining funding to local streets and roads.

The Authority will be convening the PDA working group in January, must have a PDA growth investment strategy draft prepared by March, and submit a final strategy and project list to MTC by June 30th. It was asked who would be serving on the PDA working group, and it was reported that it would be composed of a mix of local jurisdiction staff and advocacy groups. The PDA criteria, as developed by the working group, will also be vetted through the TCC and Planning Committee. Amy Worth asked if there would be opportunity for public works staff from the local jurisdictions (such as the City-County Engineer Advisory group) could be involved as they would provide critical input on the process as well as identify needs throughout the region. Brad Beck replied that it can be considered to include them in the process. Dave Hudson asked how the remaining \$7.0M in STP funds will be allocated, and could it be by formula consistent with the prior committed Cycle 1 and 2 funding. Hudson asked how the funds can be allocated and preserved for road improvements, and further, distributed and allocated amongst the RTPC regions. Karen Stepper expressed concerns regarding the representation on the PDA working group committee, and in consideration of the impacts that the ultimate PDA project criteria will have on local projects and funding opportunities. Stepper requested that the Authority circulate the roster and representation of the group once established.

Mike Metcalf expressed concerns regarding the tight timeline that the Authority is under in establishing the OBAG funding allocations and providing an approved project list to MTC by their June 30th deadline, and asked what consequences there

might be if the deadline is not met. Martin Engelmann believed that MTC's deadline should be able to be met given the schedule and timeline that has been set by the Authority. Amy Worth thanked CCTA staff for their hard work and efforts for planning and preparing the OBAG process for the County.

ACTION: None

6.B Status Update on 2014 Countywide Comprehensive Transportation Plan (CTP) Update:

Martin Engelmann provided an overview and schedule for the 2014 CTP update. The first phase of the CTP update will include updating the Action Plans for Routes of Regional Significance. It was further explained that once MTC releases its draft RTP, including the first Sustainable Communities Strategy for the Bay Area which provides forecasts through 2040, it will then be incorporated into the CTP update. The CTP update will start by using the Current Regional Plans (2010) projections, and that are adjusted to account for the great recession. Once MTC has released its draft RTP and projections 2013, they will be incorporated, as required, into the 2014 CTP.

The CTP update will also include the incorporation of an updated Comprehensive Transportation Project List (CTPL) and the incorporation of sustainability concepts. A detailed work plan, sustainability concepts, and further detailed information on the 2014 CTP update will be presented at the next SWAT meeting.

ACTION: None

7. WRITTEN COMMUNICATIONS: The following written communication items were made available:

- CCTA summary of actions from Board meetings of 10/18/12 and 11/14/12
- WCCTAC summary of actions from Committee meeting of 9/28/12
- TRANSPPLAN summary of actions from Committee meetings of 11/8/12 and 12/13/12
- TRANSPAC summary of actions from Committee meetings of 9/13/12 and 11/8/12
- City of San Ramon – Notice of Intent to Adopt a Negative Declaration, ACRE Townhome Development
- Town of Danville – Notice of Availability, Draft EIR for 2030 General Plan Update
- Town of Danville – Notice of Availability, Draft EIR for Magee-Summerhill Residential Development
- City of Lafayette – Notice of Public Hearing, General Plan Amendment
- City of Lafayette – Notice of Public Hearing, Final EIR for Terraces of Lafayette Project

ACTION: None

8. DISCUSSION: Next Agenda

The next SWAT meeting is scheduled for Monday, February 4th, 2013, at a new location – City of San Ramon, 2222 Camino Ramon, San Ramon. Agenda items will include continued discussions on the 2014 CTP update efforts.

ACTION: None

9. **ADJOURNMENT:** The next meeting is scheduled for **Monday, February 4th, 2013** at **City of San Ramon, 2222 Camino Ramon, San Ramon.**

ACTION: Meeting adjourned by Chair Metcalf at 4:35 p.m.

Staff Contact:

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Agendas, minutes and other information regarding this committee can be found at: www.cccounty.us/SWAT

Agenda Item 6.A



MEMORANDUM

Date January 28, 2013

To RTPC Managers

From Martin R. Engelmann, PE 
Deputy Executive Director, Planning

RE Launching the 2014 CTP and Sustainability Discussion Paper

To begin the process of preparing the 2014 update of the Countywide Comprehensive Transportation Plan (CTP), Authority staff has prepared the two attached white papers. The first, *Launching the 2014 CTP Update*, outlines how the Authority will use the CTP and the Action Plans to address the challenges we face in creating a balanced transportation system within Contra Costa and addressing the impacts of forecast growth. The second, *Incorporating Sustainability into the 2014 Countywide Transportation Plan*, addresses how the Authority might incorporate the concept of sustainability into the CTP and its other planning and project development activities.

We hope that you will share these memos with your boards and TACs.

If you have any questions, please don't hesitate to contact me.

Launching the 2014 CTP Update

January 17, 2013– DRAFT

When they approved Measure J in November 2004, the voters of Contra Costa reaffirmed the importance of the collaborative process of transportation planning and growth management first established by Measure C in 1988. This process, outlined in the Measure J Expenditure Plan and its Growth Management Program (GMP), requires local jurisdictions to collaborate in an ongoing, multijurisdictional planning process. Working through their Regional Transportation Planning Committees (RTPCs), each local jurisdiction must participate in a consensus-based process to create Action Plans for Routes of Regional Significance. These plans identify performance objectives for the regional transportation network and actions for achieving them as well as a process for managing the impacts of growth in their subarea.

The GMP also requires local jurisdictions to help the Authority develop its Countywide Comprehensive Transportation Plan (CTP). The CTP outlines the Authority's vision, goals, and long-range strategy for achieving its mission — to deliver a comprehensive transportation system that enhances mobility and accessibility, while promoting a healthy environment and strong economy. Key to the success of the CTP is its reliance on the objectives and actions established in the cooperatively developed Action Plans. The result of this challenging effort is a program of strategies and actions to develop and maintain a balanced, safe, and efficient transportation system for the decades to come.

This paper outlines how we propose to update both the CTP and the Action Plans to respond to the challenges we face in creating this balanced transportation system and to address the impacts of forecast growth. This paper outlines some of the issues we expect to face, the essential roles that local jurisdictions and the RTPCs will play in this process, and the concurrent activities at the State, regional, and countywide levels that will influence the CTP Update. There have been significant changes since the adoption of the

last CTP in 2009, and the 2014 CTP update, with its new focus on a 2040 horizon year, will give us all an opportunity to respond to those changes, refine our objectives, and create a blueprint for the future.

Focus on the 2014 CTP Update and the Action Plans

2014 CTP UPDATE

The CTP “lays out the Authority’s vision for Contra Costa’s future, the goals and strategies for achieving that vision, and future transportation priorities.” The update of the CTP gives us an opportunity to reflect changing demographics, completed projects, new legislation, the latest technology, and the evolving vision of the county’s future. This evaluation will cover the CTP’s goals, the performance measures and actions from the Action Plans, the Comprehensive Transportation Project List (CTPL), and implementation program. The CTP Update will be led by Authority staff with support from consultants Dyett & Bhatia and will consider issues at both the countywide and sub-regional level through the CTP Task Force and RTPCs/TACs, respectively.

One key task of the CTP update process will be updating the CTP goals. We believe the updated goals should be shorter and more succinct, align with regional and state initiatives, provide flexibility in implementation, transition from big projects toward efficiency and intelligent transportation systems (ITS), and lay the groundwork for a possible Measure J renewal/extension.

The horizon for the updated CTP will be the year 2040 and will use ABAG *Projections 2013*. This will align the CTP with the forthcoming RTP (Plan Bay Area). The goal is to complete have a draft CTP and environmental document ready for public review by the end of December. This would allow the CTP Update to be adopted in May 2014.

RTPC Role *Provide input on suggested changes to the CTP goals in line with Authority staff guidance*

ACTION PLAN UPDATES

As with the CTP, the Action Plan requirement has its basis in Measure C (1988). The Action Plan requirement reflects the understanding that no one jurisdiction can solve the

problems of roads that serve both local and regional traffic. Measure J requires the Action Plans to establish Multimodal Transportation Service Objectives (MTSOs) for each Regional Route and actions to achieve them. It also requires these plans to establish a process for environmental consultation, and a schedule and procedure for review of certain development projects.

The Action Plan updates will be an opportunity to review conditions and affirm or update the MTSOs to better match local conditions and the actions identified to achieve them. MTSOs do not need to be “one size fits all” nor do they need to focus solely on levels of service for vehicles. The MTSOs are meant to reflect what kind of performance the subregions hope to achieve on the Regional Routes: Is vehicle throughput key or is reliability more important? Is improving pedestrian safety and connectivity key or is transit time and reliability? Should the MTSOs differ in different segments of the Regional Routes to reflect the surrounding land use context? The use of a broader range of performance measures is receiving greater emphasis from the federal, State and regional transportation agencies. (MTC, for example, is using economic and environmental measures as well as more traditional transportation measures in its current SCS/RTP process.)

The Action Plans may take a different perspective on issues of concern, such as a greater emphasis on alternative modes of travel and their needs rather than a roadway focus. The Action Plans and MTSOs will also need to respond to the Complete Streets Act, Plan Bay Area (including its emphasis on accommodating greater growth within PDAs), and the RHNA.

While the Action Plans don’t need to be “financially constrained”, the RTPCs may want to consider setting priorities for funding. The 2014 CTP will likely be used to help set Contra Costa’s recommendations for the next RTP and, possibly, a reauthorization of Measure J.

A consultant team lead by DKS Associates has been selected to assist the RTPCs with the Action Plan updates. Each RTPC will have its own project manager.

RTPC Role *Work with consultant team to select project manager for Action Plan updates and begin update process. Critically evaluate existing Action Plans and MTSOs in light of current effectiveness, outcomes, and anticipated changes*

Proposed Schedule

<i>Date</i>	<i>Action</i>	<i>Responsible Party</i>
September 2012	Start up	CCTA
November-March 2013	MTSO Monitoring	CCTA
November 2012 - January 2013	Retain Action Plan and Outreach Consultants	CCTA
January – June 2013	Develop Administrative Draft Action Plans	RTPCs
March/July 2013	MTC Releases Draft/Final 2013 RTP, including the SCS	MTC
September 2013	Issue Draft Action Plans	RTPCs
December 2013	Issue Draft CTP/EIR	CCTA
May 2014	Adopt Final CTP	CCTA
June-July 2014	RTPCs adopt Final Action Plans	RTPCs

Sustainability

There is increased interest nationally and regionally, even globally, in incorporating sustainability into transportation planning and in using a broader range of performance measures and evaluation criteria to understand how sustainable our plans, programs, and projects are. (See the NCHRP report, Smart Mobility Framework, STARS, etc. for examples.)

The current CTP includes an implementation action to initiate a study on sustainability and consider how the Authority might address it within the context of Measure J. A discussion paper has been prepared on whether and how to incorporate sustainability into CCTA planning and programs. This paper intends to initiate a dialogue at the regional and countywide scale. We want to know what you think the Authority's role should be to ensure transportation sustainability.

RTPC Role *Review the discussion paper when provided, forward comments and recommendations to the CTP Task Force*

State and Regional Context of the CTP/Action Plan Updates

Recent changes in State legislation and regional planning will affect how we plan for and fund the operation, maintenance and improvement of the transportation system. The updates of the CTP and the Action Plans will need to respond to these changes.

- SB 375 and AB 32, the State’s greenhouse gas (GHG) reduction legislation, require the State, regional transportation agencies, and localities to reduce GHG emissions to 1990 levels by the year 2020. While CCTA is not directly subject to the legislation, regional transportation funding strategies and Contra Costa jurisdictions will need to respond.
- AB 1358, the Complete Streets Act of 2008, requires jurisdictions to adopt a circulation element that accommodates all users, including bicyclists, children, persons with disabilities, motorists, movers of commercial goods, pedestrians, public transportation, and seniors. MTC policy is being changed to require localities to adopt a Complete Streets resolution or update their Circulation Element to reflect AB 1358 to receive certain regional funds.
- Plan Bay Area is the name for MTC’s forthcoming Regional Transportation Plan (RTP) update, which will be released while the CTP Update is underway. The RTP will be integrated with a proposed pattern of land use development, known as a Sustainable Communities Strategy (SCS), required by SB 375. The combined RTP/SCS must reduce regional GHG emissions from cars and light trucks to hit State-mandated targets for the years 2020 and 2035. Plan Bay Area will likely use transportation investments and grants to encourage the majority of future housing development and jobs placement to be sited within locally-identified Priority Development Areas (PDAs).
- A new Regional Housing Needs Allocation (RHNA) will be released by ABAG soon. The RHNA will be aligned with the RTP/SCS to reflect its desired land use pattern, and so may have significant differences from past RHNAs.

RTPC Role *Understand the direction provided by these State and regional policies and what related changes to the CTP and Action Plans may be warranted*

Identification of Projects

DEVELOPING A COMPREHENSIVE LIST OF PROJECTS

Essential to developing an up-to-date and accurate plan will be an up-to-date and accurate list of projects and programs. To develop both the 2014 CTP and the

2013 Congestion Management Program (CMP) — as well as many other planning efforts — we will need local agency help in updating the CTPL. The CTPL is the “master” project list. It is built on the Action Plans and local agency capital improvement programs and is used to develop the CMP, the STIP, Plan Bay Area and other plans. Unlike the project list for the RTP, which must assume the limitations of expected funding, the CTPL is financially unconstrained.

THE 2013 CMP UPDATE

As a congestion management agency, the Authority must prepare and update its CMP, which includes a seven-year capital program of projects to maintain or improve the performance of the system or mitigate the regional impacts of land use projects. The State Transportation Improvement Program (STIP) is the five-year plan adopted by the California Transportation Commission (CTC) to allocate funds for state highway improvements, intercity rail, and regional highway and transit improvements. Both the CMP and STIP project lists must be updated every two years. The current CMP is from 2011; the current STIP was updated in 2012 but an updated project list must be submitted to the CTC in 2013.

Given the inter-related nature of these project lists, it is most efficient to ask for all projects at once. The CMP and CTP have compiled project lists through the Authority’s web-based CTPL. This tool again has the potential for helping on setting priorities efficiently for the next CTP and RTP and serves as a resource in discussing a possible Measure J renewal/extension.

RTPC Role *Begin compiling transportation projects desired for the region, noting cost estimates and whether the project applies to the CMP or STIP lists*

CYCLE 2 FEDERAL FUNDING

As part of the RTP update process, MTC is calling on transportation agencies in the region’s counties to provide requests for “Cycle 2” federal funding. The following MTC programs will be funded through this method:

- OBAG program (\$45.2 million) – call for projects in early March

- Safe Routes to School program (\$3.3 million) – call for projects in early March
- PDA Planning Program (\$2.8 million) – call for project following adoption of PDA Investment and Growth Strategy

RTPC Role *Be prepared to provide desired projects and cost estimates for these competitive programs*

2013 STRATEGIC PLAN FOR MEASURE J

The current Strategic Plan was completed in 2011 and the Plan will be updated again in 2013. This update will need to re-assess long-range estimates of sales tax revenues under Measure J, make adjustments to its guiding policies, and make financial commitments to individual projects. This program of projects is the basis for evaluating requests for fund appropriations, which may not exceed those listed in the program. Measure J funds are limited so project proponents are expected to apply for all available funds from other sources to maximize the “leveraging” of Measure funds.

Following the adoption of the estimates of funding for the Strategic Plan, the Authority will also begin the process for programming for two Measure J programs: Transportation for Livable Communities (Program 12) and Pedestrian, Bicycle and Trail Facilities (Program 13).

RTPC Role *Consider which projects proposed in the CTPL may be eligible and appropriate for Measure J funding*

2013 STATE TRANSPORTATION IMPROVEMENT PROGRAM (STIP)

The State Transportation Improvement Program (STIP) is the biennial five-year plan adopted by the Commission for future allocations of certain state transportation funds for state highway improvements, intercity rail, and regional highway and transit improvements. It parallels the federal Transportation Improvement Program, or TIP, which programs federal transportation funds.

RTPC Role *Consider which projects proposed in the CTPL may be eligible and appropriate for STIP funding*

Proposed Schedule

<i>Date</i>	<i>Action</i>	<i>Responsible Part</i>
January – June 2013	CTPL database open for update	Local jurisdictions
March – June 2013	OBAG & SR25 “Call for Projects”	CCTA / local jurisdictions
June 2013	Release Draft 2013 CMP	CCTA
May – October 2013	PDA Planning Program	CCTA / local jurisdictions
April– September 2013	Measure J Strategic Plan Update	CCTA / RTPCs / local jurisdictions
November 2013	Adopt 2013 CMP	CCTA
July – December 2013	STIP “Call for Projects”	CCTA
2014 (Tentative)	Second Measure J CC-TLC and PBTF “Call for Projects”	CCTA / RTPCs / local jurisdictions

Public Outreach

The Authority has selected a consultant team, led by Gray-Bowen, to work with staff and the CTP Task Force on countywide public outreach. The consultant will work on explaining the 2014 CTP Update and listening to the public to help update the CTP goals and identify a financially-constrained project list. The outreach process will include focus groups, a survey, stakeholder interviews, and public workshops.

The Gray-Bowen team will also work with the Action Plan consultants (the DKS team) to undertake public outreach at a sub-regional level. The Authority staff will be working with both consultants and the RTPCs to determine how to integrate these public outreach efforts with one another and the overall CTP Update schedule.

RTPC Role *Pending schedule and outreach strategy*

Discussion Paper:

Incorporating Sustainability into the 2014 Countywide Transportation Plan

January 16, 2013 – Draft

Executive Summary

The purpose of this paper is to frame issues and questions about whether to make “sustainable transportation” an explicit planning concept in the 2014 Countywide Comprehensive Transportation Plan (CTP) and what implementing sustainability in this context would mean for the Contra Costa Transportation Authority (the Authority) and local jurisdictions. This initiative responds to one of the implementation actions in the 2009 CTP calling for an investigation of the role for the Authority in addressing sustainability in the context of Measure J (*see 2009 CTP Update, Table 3, page 120*) as well as State legislation on sustainability (SB 375) and related efforts by the Metropolitan Transportation Commission (MTC) and other agencies on this topic.

The basic idea would be to incorporate and showcase sustainability as an additional component of the Authority’s practical, operational approach to transportation planning—to maximize efficiency, use limited resources well, and deliver effective services to the county’s residents, businesses, and visitors—strategies which by their very nature incorporate sustainable elements.

This paper reviews definitions of sustainability, the current implementation of sustainable practices by the Authority, where further policy guidance would be helpful, reasons for and against a sustainability planning policy, and options for including sustainability in the CTP. Attached are exhibits including highlights about what peer agencies are doing to further the idea of achieving a sustainable transportation system, some other widely adopted approaches across the US and locally, and suggestions for specific strategies and programs that the Authority could consider.

From managing growth, to supporting mobility, to responding to the diverse needs of communities in Contra Costa, the Authority has made significant inroads towards achieving a number of objectives related to sustainability. Consequently, the proposals suggested in this discussion paper are not radical departures from existing Authority policies. Rather, they are refinements to and a reframing of policies that the Authority has already set, policies that are already focused on meeting the needs of the present without compromising the ability of future generations to meet their own needs.

I. Sustainability and the Authority

In many ways, sustainability is consistent with the Authority's approach to its mission. The Authority and its member jurisdictions already exercise sustainable practices in ways that are effective and generally uncontroversial. The following discussion begins with a definition of sustainability, and then provides examples of how the concept of sustainability is in many respects already integrated with the Authority's mission, goals, projects, and programs.

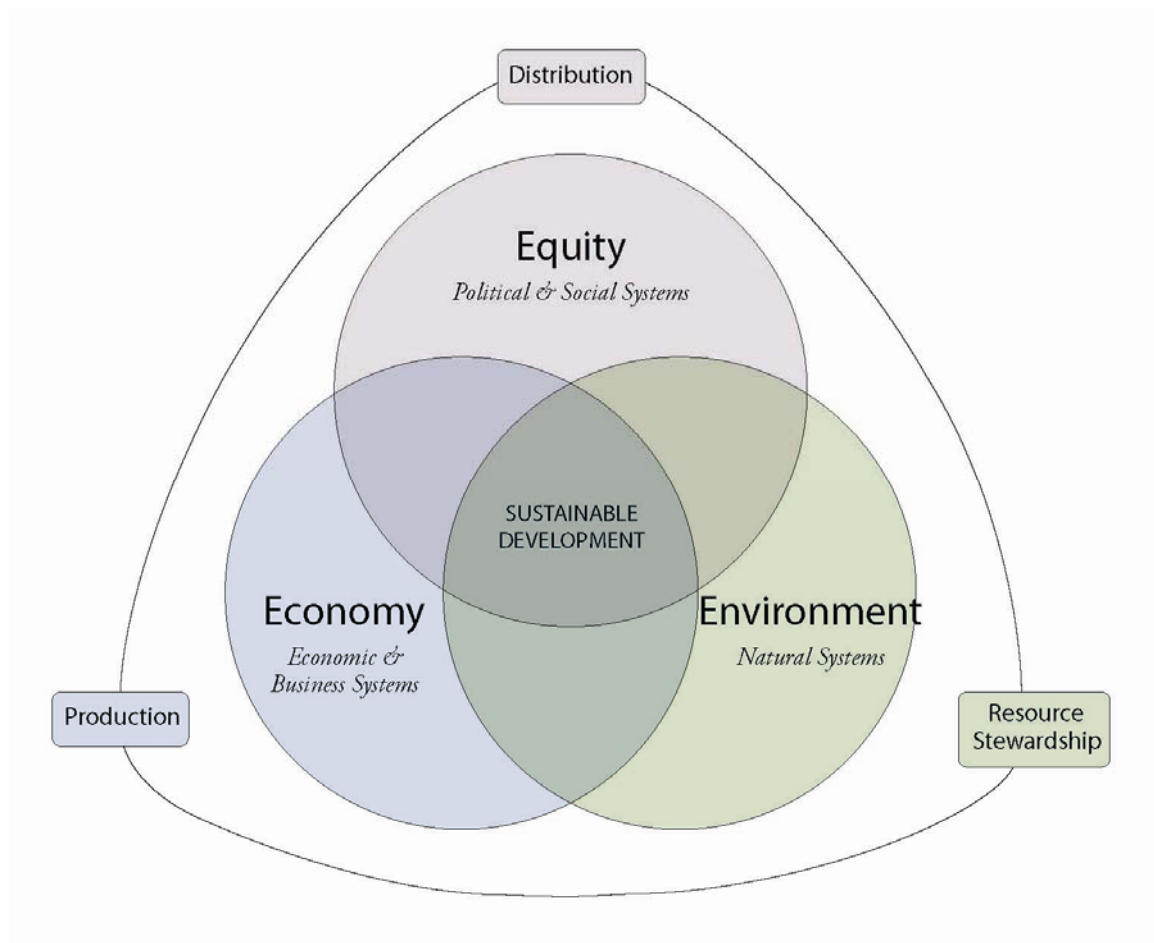
DEFINITIONS OF SUSTAINABILITY

Although there are many definitions of sustainability, they all share a basic idea, namely of acting in a way that will achieve both current and future needs.¹

Sustainability is often judged by how well a plan, project or other action achieves three over-arching goals, known as the "three Es": economy, environment and equity. In the Bay Area, MTC's current *Regional Transportation Plan*, T-2035, and its proposed successor, *Plan Bay Area*, are guided by these goals: build a stronger *economy*, protect the natural *environment*, and *equitably* enhance opportunities for all Bay Area residents. In other jurisdictions, variations on this vision have replaced the third component with "equity and social justice" (to bring in the question of who benefits and how are costs distributed) or "social and human health" (to reflect the idea that people and their communities matter as well as the economy and the environment). Whatever specific terms are used, these three concepts overlap, meaning that programs may cut across and reinforce all three principles as part of a sustainability initiative. The figure on the following page illustrates the interactions.

Concern for the environment is only one part of sustainability. Ultimately, it is about finding a balance among the goals of environmental, economic and social health within the constraints we face. A common mechanism of sustainability is ensuring that actors mitigate or bear the impacts of their actions, and ensure that the impacts on others are not significant. As a result, sustainability may require greater short-term investments to reduce long-term costs, the imposition of fiscal constraints, and open planning processes to share the costs and benefits of actions with potentially impacted communities.

¹ The American Planning Association defines sustainability as "the capability to equitably meet the vital human needs of the present without compromising the ability of future generations to meet their own needs by preserving and protecting the area's ecosystems and natural resources."



AUTHORITY OBJECTIVES AND SUSTAINABILITY

These common definitions of sustainability are consistent with the Authority's current mission to, "Deliver a comprehensive transportation system that enhances mobility and accessibility, while promoting a healthy environment and strong economy by:

- Leading a collaborative decision-making process with local, regional and state agencies;
- Establishing partnerships to effectively deliver transportation projects and programs;
- Facilitating a countywide dialog on growth and congestion that discloses and seeks to mitigate the impacts of development while respecting the responsibilities of local jurisdictions;
- Taking into account the diverse character of Contra Costa communities."

Following this mission, the adopted goals and implementing strategies in the first CTP in 1995 embodied many sustainability concepts and have been carried forward through all subsequent plans, as seen in the four goals from the 2009 CTP:

- Enhance the movement of people and goods on highways and arterial roads;
- Manage the impacts of growth to sustain Contra Costa's economy and preserve its environment;
- Provide and expand safe, convenient and affordable alternatives to the single-occupant vehicle; and
- Maintain the transportation system.

At a more tactical level, the plans, strategies and performance measures in the Measure J Expenditure Plan, the Growth Management Program (GMP), and the current CTP embrace the essence of common sustainability principles by managing growth and trying to ensure transportation options for all county residents. Specific examples of "sustainable" projects and programs include carpool lane extensions/gap closures, the Transportation for Livable Communities (TLC) program, the urban limit line (ULL) balanced with housing and job opportunities, and the Measure J requirement that access for pedestrians, bicyclists, and transit is supported in new development.

II. Where Policy Guidance is Needed

The pursuit of sustainability may, however, be inconsistent with other Authority policies or historical practices. It is these areas for which policy direction is needed.

Some sustainability practices may simply be new policies which create an additional approach or action. One example of such a situation would be a construction waste management program, a common sustainability measure, which would impose a new requirement on road contractors and may increase bid costs and thereby delay some and possibly eliminate other projects. However, the program would likely not conflict with other Authority policies and programs. Such strategies may need little to no policy guidance apart from the existing Authority mission and CTP goals.

Certain sustainable practices may conflict with other components of the Authority's mission, however. The Alameda County Transportation Commission issued a

whitepaper on sustainability² in April 2011 that noted some of these inherent conflicts for a Congestion Management Agency, including:

- *Trading off equity and environmental protection.* Some definitions of sustainability include both environmental protection and preservation of social and geographic equity. These aspects of sustainability do not always work in harmony, such as when equitable distribution of transportation funds among local governments conflicts with a desire to maximize the greenhouse gas reduction and air quality improvement benefits of specific types of transportation projects (particularly transit investments).
- *Trading off mobility and energy/GHG reduction.* Strategies to reduce VMT pursue environmental sustainability by reducing air pollution and greenhouse gas emissions, but can negatively impact economic growth and personal mobility by making travel of people and goods expensive or inconvenient. This would directly clash with the current CTP goal of enhancing the movement of people and goods on highways and arterial roads.
- Exhibit 1 contains more issues from the ACTC whitepaper and proposed responses to these situations.

In addition, certain types of sustainability could conflict with other types. The pursuit of operational sustainability—ensuring that transportation systems can function under duress—may require investments that clash with a view of sustainability being primarily fiscal in nature—with a goal of reducing construction, operation, and maintenance costs.

III. Options Available to the Authority

As part of the CTP update, the Authority should consider whether to implement a Sustainability Planning Policy across the full range of responsibilities it exercises. The various bodies that make up the Authority—the Board, RTPCs, staff, and others—should first discuss and decide whether to pursue such a policy, and if there is a decision to include sustainability, then determine how to include it in the 2014 CTP.

WHETHER TO HAVE A SUSTAINABILITY PLANNING POLICY

This section presents pros and cons for incorporating sustainability into the 2014 CTP. There are several reasons why the Authority should consider a systemwide sustainability planning policy.

² http://www.alamedactc.org/files/managed/Document/2416/05a_Sustainability_Principles.pdf

- While the objectives and many programs of the Authority are inherently sustainable, an explicit sustainability policy would establish a framework for the Authority to more fully integrate sustainability into the Authority's planning and funding functions; support local actions that will complement these efforts; and foster collaboration and facilitate partnerships that will lead to more sustainable transportation and sustainable urban development.
- The Authority and local jurisdictions are in a position of leadership on sustainability. While the Authority does not operate roads or transit systems, it provides critically needed funding for them. Through its engagement with local and regional partners leveraging \$2 billion in sales tax revenues for transportation projects and program improvements in Contra Costa, the Authority can both understand the local conditions in each jurisdiction, and take a broader, regional perspective.
- This policy would demonstrate the Authority's commitment to sustainability as a core value and as a strategy for enhancing the quality, efficiency, and value of the transportation system for Contra Costa. It would help leverage and highlight the collective benefits of efforts underway to achieve a more sustainable countywide transportation system including, but not limited to, implementation of Measure J programs and projects; implementation of the Congestion Management Program; and partnerships with regional agencies and local jurisdictions.
- A high profile sustainability policy would help organize and elevate the profile of the Authority's existing sustainable programs. By deliberately noting which of its existing policies and actions promote sustainability, the Authority can better plan how to enhance and build upon those approaches while helping identify those programs which may be unsustainable in some way. By highlighting its existing and continued commitment to sustainability, the Authority may also set the stage for future support for additional transportation measures in Contra Costa.
- This policy would broaden the Authority's focus on individual projects and programs to a larger, system-based framework for sustainability analysis and planning that would assist local jurisdictions to make the best use of Measure J funding, along with MTC One Bay Area Grants, for a sustainable transportation system. It would introduce new dimensions to traditional transportation planning, consistent with the Authority's leadership in transportation modeling and growth management and the State's and MTC's calls for implementation of "Complete Streets" on which the Authority will be acting shortly. It also would embody substantive elements of the Sustainable Communities planning strategies called for by SB 375. These new considerations would move beyond

the earlier emphasis in transportation planning on traffic congestion toward a more multi-dimensional approach, as envisioned by Measure J.

In contrast, there are some reasons to consider staying with the status quo, with the Authority essentially but not explicitly pursuing sustainability.

- Executing its existing voter-approved mission should be the main emphasis for the Authority. Sustainable programs and policies are fine so long as they serve that mission, but a countywide policy may distract from the Authority's core functions.
- A sustainability policy may need to choose between competing definitions of sustainability, a significant endeavor which may be beyond the CTP update process. Similarly, unless carefully crafted, a blanket sustainability policy may require changes in currently popular or effective Authority programs.
- A countywide approach to sustainability may not be appropriate. A policy or program that works well in one location or for a large project may not apply elsewhere. Local or sub-regional level sustainability policies may be more appropriate.
- The Authority already effectively pursues sustainability and adding a new policy may be cumbersome and counter-productive. In particular, adding more requirements and paperwork to funding opportunities could frustrate local jurisdictions and reduce their flexibility in choosing how to spend money to maintain and enhance basic transportation infrastructure.
- The popular perception of sustainability as emphasizing environmental and ecological conservation may conflict with an approach that focuses on operations and lifecycle costs. This confusion could be avoided by not actively pursuing "sustainability" but rather adhering to the Authority's existing mission.
- The Authority already effectively pursues sustainability in a manner that meets its mission and goals. Spending time and energy on a sustainability planning policy is not an effective use of resources during the CTP update process.

HOW TO INCLUDE SUSTAINABILITY IN THE CTP

If the Authority decides to include sustainability in the 2014 CTP, it needs to determine how to do so. This section includes several suggestions on approach. These options are neither mutually exclusive nor an unbreakable bundle, so the CTP could include one or more tactics.

Add sustainability to the vision and goals

One action to incorporate sustainability into the Authority's plans and policies would be updating the Authority's vision in the CTP Update. One wording option would be minimal (addition underlined):

Strive to preserve and enhance the quality of life of local communities by promoting a healthy environment and strong economy to benefit the people and areas of Contra Costa, through (1) a balanced, safe, sustainable and efficient transportation network, (2) cooperative planning, and (3) growth management.

An additional or alternative expression of this vision that is more substantive could be:

The Authority will work with its local and regional partners to deliver a comprehensive transportation system that is sustainable and that, in turn, promotes economic vitality, environmental health and quality of life for all the communities of Contra Costa.

The next question that arises is, if either of the above changes are made to the vision, what changes, if any, should be made to the goals. An effective sustainability goal would adhere to the message of sustainability as it relates to the details of the Authority's mission. Consistent with either of the expanded visions suggested above, the fourth goal of the 2009 CTP ("Maintain the transportation system") lends itself to refinement for the 2014 CTP as follows:

- Maintain a transportation system that fosters walkable and livable communities, conserves energy and minimizes greenhouse gas emissions and adverse environmental impacts.

Add sustainability to all or some functions of the Authority

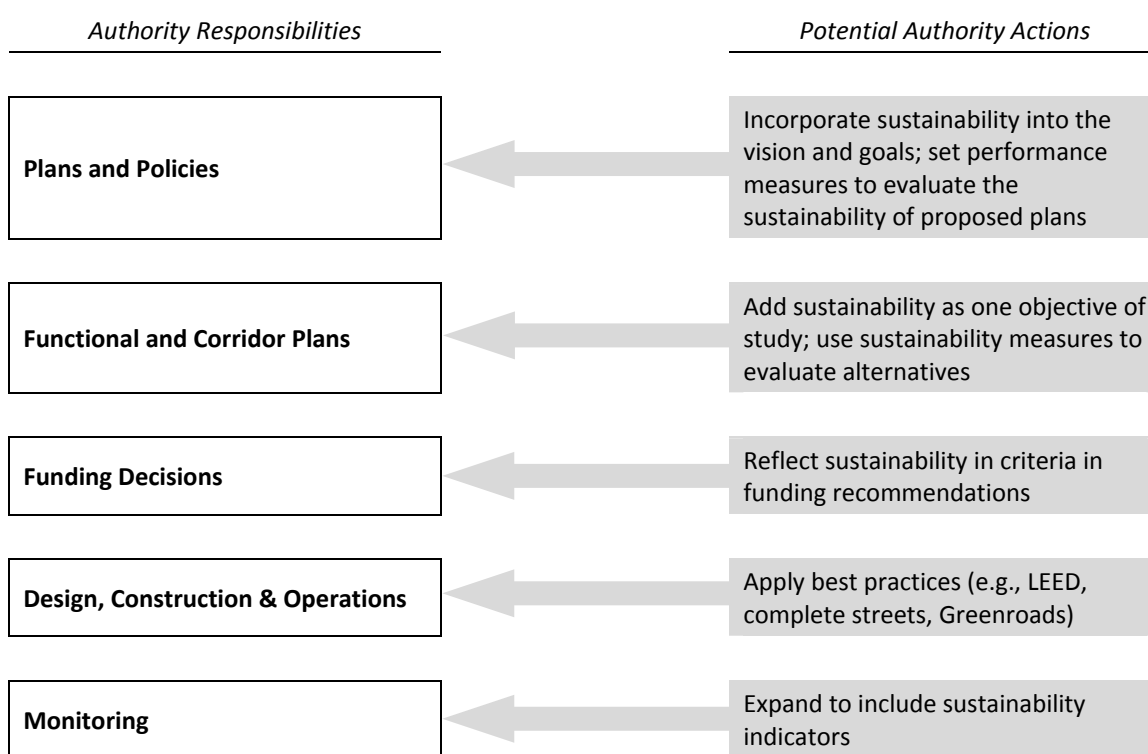
The *National Cooperative Highway Research Program Guidebook*³ describes how sustainability can be incorporated into the different points in the project development process (see Exhibit 2 for the NCHRP's list of sustainability goals for transportation agencies). The first such point in the planning process is long-range transportation planning—analogueous to the Authority's CTP:

Long-range planning is a point at which expectations for sustainability performance can be discussed— particularly in terms of desired sustainability

³ "A Guidebook for Sustainability Performance Measurement for Transportation Agencies" (NCHRP 708)

outcomes—and broad performance goals established that drive subsequent investment patterns.

An agency can also incorporate sustainability into the other, later planning stages (short-range transportation programming; project-level planning; project-level environmental review; design, land acquisition and permitting; and construction, maintenance and operations) but the sustainability approach and objectives should all flow from the decisions made at the long-range planning stage. The below diagram demonstrates the layers and scales of Authority responsibilities and how sustainability could be integrated into each:



If the Authority adds sustainability to its plans and policies, it might then ripple through each of the layers below.

Pursue sustainability through the Authority’s general Measure J mission

There are three inter-related strategies that could enhance sustainability while supporting the Authority’s mission as defined by Measure J:

- ***Operational sustainability.*** Ensure that transportation systems can function under duress or during and following an earthquake or other natural or man-

made disaster. Also known as *resiliency*, this strategy may incorporate redundancy, modularity, diversity of systems, feedback collection, and adaptability. The damages wrought by Superstorm Sandy and the potential impacts of sea level rise illustrate the importance of operational sustainability. The redundant systems resulting from this strategy, however, may be in tension with other goals, such as efficiency and fiscal sustainability.

- ***Fiscal sustainability.*** Ensure that the lifecycle costs of the transportation system are affordable over the long-term. The cost of not just designing and building a transportation investment, but also operating and maintaining it, should be budgeted and controlled. The Authority should adopt and operate under a financially-constrained long-term budget that incorporates all O&M costs and also replacement costs—a true “life-cycle” perspective. This strategy might, however, result in unequal service to some communities because of the difference between marginal cost and revenue.
- ***Social health and political sustainability.*** The transportation system and its planning process needs to maintain support from all those who rely on it and provide it with funds. The transportation system should not disproportionately impact disadvantaged groups or areas or on other systems, either directly (destroying biological habitat, disrupting residential areas, limiting access for those with disabilities) or indirectly (encouraging inefficient transportation or land use patterns, creating unhealthy levels of air pollution, or generating damaging amounts of greenhouse gas emissions).

The CTP could select one or more of these strategies and tie it to Measure J fund distribution. Since Measure J does not explicitly refer to “sustainability”, the Authority is free to pursue sustainability in a manner that serves its mission while adhering to Measure J.

Adopt one or more over-arching programs as part of the CTP

Four over-arching programs are suggested for discussion as part of the CTP update. These programs focus on directing how the CTP is implemented, rather than on the details of individual projects or the high level of vision and goals. These programs can be tailored to the needs of individual areas through the Action Plan updates.

- ***“Green” modes:*** Support and promote “green” mobility options to reduce air pollutants, conserve energy, lessen dependence on imported oil, increase the resilience of the transportation system, and offer transportation options that enhance community health. These would include not only transit, biking and walking, but also continued support for safe routes to schools programs,

wayfinding signage, greater use of EV vehicles and alternative fuels for transit, trucks and personal use, EV “readiness” policies in new development and major redevelopment, and use of clean/green technologies for goods movement, including supporting advancements of zero-emissions truck technologies. Any travel mode, especially electric vehicles, should be evaluated for its ultimate lifecycle costs before being pushed as “green” by the Authority.

- ***Resource conservation.*** Support transportation programs and projects that minimize material and resource use through conservation, reuse, recycling and repurposing. This could be done by incentives, funding criteria, and construction and operations requirements. “Lifecycle” costing also may help project proponents understand the economics of tradeoffs. BART, for example, is embarking on a small-scale solar energy project at the Lafayette and Orinda BART stations. These projects will provide canopies above particular areas of the parking lots at these stations and the energy generated would supply energy to the stations. BART also constructed solar projects at several maintenance shops and is hoping to retrofit the lighting at stations, shops, yards, parking lots, garages and tunnels with LEDs, greatly reducing its energy needs.
- ***Healthy communities.*** Improve public health through local land use planning, traffic safety, designs for walkable and bikeable communities, and reduced exposure to particulates and diesel emissions from rail and freight movement in transportation corridors, and through support for alternative fuels and clean engines. Tradeoffs will need to be weighed as public health objectives do not always mesh neatly with transportation objectives. For example, increasing density in transportation corridors may also increase exposure to toxic air contaminants, such as diesel particulate matter. Whether to establish Air Quality Health Risk Overlay Zones along freeway corridors to protect sensitive receptors (children, elderly and those with preexisting serious health problems) is an option that might be considered in the Action Plan updates. The City of San Pablo included such a policy in its recent General Plan update in response to concerns raised by the Bay Area Air Quality Management District.
- ***Healthy ecosystems.*** Enhance and restore creeks, wetlands, habitat and other natural systems to mitigate the impacts of transportation projects on the natural environment. Reduce storm runoff from transportation facilities through greater surface permeability and use of retention ponds and bioswales. Where flooding is an issue, and downstream facilities have limited capacity, this approach makes good sense.

Provide tools to analyze sustainability opportunities

Similar to a performance measure, the Authority could provide project sponsors with tools to conduct their own analysis of sustainability opportunities. This would then provide an opportunity for sponsors to become aware of and incorporate design and operational strategies that enhance project sustainability. Completing a sustainability checklist, undergoing a sustainability audit, or some other mechanism could be designed to emphasize an educational approach that improves the understanding and acceptance of sustainability without imposing requirements. It could also be designed as an approach that emphasizes local control and responsibility but still expects results, somewhat like the Measure J compliance checklist.

Exhibit 3 lists some practical strategies and programs that the Authority and the RTPCs could consider including in such a tool. Examples of such programs that would improve sustainability include, but are not limited to, facilitating implementation of Intelligent Transportation Systems (ITS) on regional routes, greater use of alternative fuels and electric cars (e.g., expanding funding for charging stations, preferential parking, etc.), use of automated cars as recently authorized by State legislation, real-time ridesharing, and greater support for transit, bicycling, and pedestrian linkages. Feedback from the RTPCs and stakeholders and technical work on the CTP and Action Plan updates will inform details on how far to go with these new initiatives.

Incorporate sustainability into systemwide performance measures

Performance measures are one approach to evaluating the effectiveness of a transportation system against sustainability. The Sustainable Transportation Analysis & Rating System (STARS) is one large scale national approach, while MTC is using performance measures to evaluate which transportation projects to support in its forthcoming Regional Transportation Plan update. The Authority has experience using performance measures, applying them in the 2004 CTP Update's EIR process as the criteria of significance to evaluate three alternative plans and develop the final adopted CTP and proposed renewal of Measure C. Besides the more traditional measures of vehicle miles traveled, vehicle hours of delay and mode split, the criteria of significance used in the EIR addressed air quality, water quality, land use changes and other measures that, at least partially, address sustainability.

In addition, the CTP already incorporates the MTSOs adopted in the four Action Plans for Routes of Regional Significance as performance measures used by the Regional Transportation Planning Committees (RTPCs) and the Authority to evaluate the functioning of the transportation system and the impacts of growth. The MTSOs required by Measure J can be used as a starting point in developing systemwide performance measures in a new sustainability approach for the 2014 CTP.

This approach would build on existing frameworks employed by the Authority, the RTPCs, and at a regional level by MTC in the forthcoming Plan Bay Area RTP/SCS. Plan Bay Area's transportation and land use direction will set forth the preferred Sustainable Communities Strategy for the entire Bay Area at a regional level. Countywide and local programs that further Plan Bay Area are assured to be *de facto* sustainable and would better align with funding from the OneBayArea Grant Program. Whatever long-range direction is selected would subsequently guide the Action Plan updates and decisions on funding, construction, and operations.

With performance measures, however, the Authority would need to decide their role in project evaluation. One option is that the measures could be incorporated into the project scoring process and serve as one of many factors in determining which ones to fund and how they should be designed and operated. An alternative option is that the measures would determine if a project met a minimum threshold of sustainability that must be achieved, albeit possibly to the detriment of other objectives or goals. This could be a total score, with alternate routes to achieving compliance, or a pre-requisite system that has basic requirements. For the creation of Plan Bay Area, MTC is using performance measures as a major filtering mechanism by evaluating transportation projects against two scales—performance measures and cost/benefit—with the opportunity for project sponsors to appeal for a project to be considered on other merits.

Regardless of the specific approach taken, the kinds of performance measures the Authority will use for a countywide or systemwide evaluation may not be the same as the kinds of measures used at the corridor level. For example, measures like “relative change in transportation cost index” or “percent of annual transportation funding needs that can be met with annual revenues” may not work at the corridor level, whereas a measure such as “change in multimodal LOS due to the project” may be more applicable at the corridor level. For this reason, the measures used to evaluate the CTP would likely be distinct from those used in the Action Plan update process. In addition, given the differences among the subregions in Contra Costa, the MTSOs developed by one RTPC may differ from those in the other regions. The 2014 CTP would likely outline a hierarchy of measures that get more detailed as the scale of application grows smaller. Within the framework of the CTP's adopted goals and strategies, the choice of corridor-level measures would be left up to each RTPC.

A third option would be to ask project applicants to forecast performance, but not explicitly include it as a factor in scoring the projects. With this approach, we could learn from our experience in attempting to measure sustainability, and consider applying it in future funding cycles.

IV. Next Steps

The Planning Committee should review this discussion paper and suggest refinements before circulating it to the RTPCs. The RTPCs should then review and provide their input to Authority staff on the questions raised in Section III above:

1. Should a sustainability planning policy be incorporated into the CTP?
2. If yes, how should that policy be included, in light of the suggestions in this paper or other options?

V. Attachments

The following attachments review widely adopted approaches to sustainability, program examples and thinking from other congestion management agencies in California, and an additional set of potential sustainable programs and strategies for the Authority to consider in its operational practices.

EXHIBIT 1: EXAMPLES FROM CONGESTION MANAGEMENT AGENCIES

This section outlines strategic and programmatic sustainability initiatives from three other transportation authorities in California: ACTC, VTA, and MTA.

Alameda County Transportation Commission

Another Bay Area CMA, the Alameda County Transportation Commission, has not put a sustainability program into place, but did issue a whitepaper on sustainability (including an overview of case studies and an assessment of challenges, repeated here:

From http://www.alamedactc.org/files/managed/Document/2416/05a_Sustainability_Principles.pdf

Additional challenges for Alameda County include:

- *Integrating land use and transportation planning.* SB 375 is intended to encourage integration of land use development with transportation investments to reduce vehicle miles traveled and greenhouse gases. However, land use planning cycles are out of sync with transportation planning cycles, and the authority for land use and transportation planning decisions resides in separate agencies. Coordinating these is an ongoing challenge for the CWTP and beyond.
- *Trading off equity and environmental protection.* Some definitions of sustainability include both environmental protection (e.g. greenhouse gas reduction and air quality improvement) and preservation of social and geographic equity. These aspects of sustainability do not always work in harmony. The goal of achieving equitable distribution of funds among local governments in Alameda County may conflict at times with a desire to maximize the greenhouse gas reduction and air quality improvement benefits of specific types of transportation projects (particularly transit investments). This could be addressed in part by ensuring that overall investments among communities are balanced, but that investments are appropriate for each community. For example, in the context of a low-density community, signal timing improvements or incentivizing carpooling are likely to yield more cost-effective reductions in greenhouse gases than is expanding transit service.

- *Trading off mobility and energy/GHG reduction.* While reducing VMT clearly supports environmental sustainability, there is disagreement over the extent to which VMT can be reduced without negatively impacting economic growth and personal mobility. The challenge is to develop land use and transportation systems that maximize the accessibility of people and businesses to jobs, workforce, goods, services, and markets (i.e., the opportunities that can be reached within a given travel time) – while minimizing the distances that must be traveled. This can be done through compact, balanced, and mixed-use land use patterns that allow shorter trips and increase connectivity within neighborhoods, combined with improved transit, bicycle, and pedestrian infrastructure. Pricing strategies can also ensure that the capacity of the transportation system is used most efficiently to support economic growth.
- *Meeting LOS/congestion standards vs. reducing VMT.* Closely tied in with the previous issue is the question of how traffic impacts associated with new development are mitigated. California has long had in place requirements for county-level congestion management systems to meet level of service (LOS) standards as well as requirements in California Environmental Quality Act (CEQA) review to evaluate whether projects would result in exceedance of LOS standards. However, these requirements provide incentives for capacity expansion (as a mitigation measure), rather than VMT reduction. Recognizing the potential conflict with state GHG reduction policies, the state recently issued new CEQA guidelines that shift the emphasis away from LOS and congestion standards and allow communities to set alternative goals such as trip and VMT reduction. It is not yet clear what effects this change will have on sustainability outcomes, including infrastructure supply as well as travel demand.
- *Expanding the scope of transportation planning activities beyond traditional infrastructure investment.* Creative response to climate change and fiscal challenges may require re-definition of the scope of transportation planning. Many innovative and promising strategies to reduce greenhouse gas impacts may require thinking beyond concrete and paint to include planning for new technologies and programs such as electric vehicles, dynamic ridesharing, and smart parking management.

Santa Clara Valley Transportation Authority (VTA)

VTA has adopted a mission statement, goal, and set of six strategies for its sustainability program, and signed the American Public Transportation Association's Sustainability Commitment.

Goal: To proactively reduce the consumption of natural resources, the creation of greenhouse gases, and the generation of pollution in the provision of public transportation services.

Strategies:

1. Develop and implement public educational programs that promote the environmental benefits of public transit.
2. Support sustainable, transit-oriented development along major transit corridors to maximize the use of VTA's buses and light rail system as environmentally friendly alternative to the single-occupant automobile.
3. Evaluate the sustainability of VTA's existing facilities. Implement cost-effective sustainable maintenance and operational measures that recognizes life-cycle returns on investments from the efficient use of energy, the reduction of waste, and the conservation of natural resources.
4. Incorporate sustainability and green building principles and practices in the planning, design, construction and operation of new VTA facilities.
5. Develop procurement strategies that incorporate sustainability criteria compatible with federal and state regulations.
6. Establish benchmarks to measure the progress and performance of VTA's sustainability program and report back to the VTA Board of Directors on an annual basis. Among other actions, this report will involve reassessing VTA's fuel, electrical, and water usage on a regular basis.

VTA has committed to annual reports on its sustainability performance against established benchmarks in order to monitor the cost and resource savings since the adoption of the Sustainability Program.

Sustainability programs undertaken by VTA are organized around resources (energy, water, air, and land) and include:

- Solar energy structures in VTA parking lots, which generate energy while shielding vehicles from the sun
- Retrofitting its administration buildings and facilities with energy efficient lighting, computer and office equipment

- Testing LED lighting at parking lots and station platforms (pilot project)
- Turning off auxiliary power systems to parked light rail vehicles and reducing the number of cars per train
- Utilizing recycled water in bus washers
- Replacing older toilets and faucets with more efficient models and installing weather based irrigation controllers, allowing maintenance staff to monitor changes remotely through a web based interface and to respond quickly and accurately to leaks
- Adopting Sustainable Landscape Guidelines
- Replacing gas-powered paratransit and non-revenue vehicles with hybrids and replacing older buses with diesel electric hybrid buses
- Working with local jurisdictions to promote bicycle and pedestrian facilities and improve infrastructure, such as adding bike lockers and racks to Park & Ride lots and transit centers
- Set goals to reduce greenhouse gas emissions

Los Angeles Metropolitan Transportation Authority (LA Metro)

LA Metro, which is a CMA as well as a transit agency, has an extensive sustainability program in place, based around their “Environment” program. This program is organized around a goal statement and 3 P’s (instead of E’s):

- People (Engage in fair and beneficial business practices toward labor, communities and the Greater Los Angeles region.)
- Planet (Identify, incorporate and encourage sustainable environmental practices.)
- Profit (Benefit the region through responsible stewardship of public transportation planning and implementation.)

LA Metro’s website is straight-forward and well organized, with all of its sustainability initiatives available from its Environment homepage:

<http://www.metro.net/projects/metro-environmental/>

LA Metro has focused on research and high-level strategies rather than discrete programs. These plans include:

- A sustainability implementation plan to cover 2008-2012, a 2012 evaluation of efforts to date, and a (currently draft) Countywide Sustainability Planning Policy that updates it and moves forward.
- A baseline sustainability study (June 2009) that briefly covered multiple issues (ridership, fuel use, electricity use, water use, air quality, waste, etc.) with an evaluation and recommendations, and made suggestions for further advancing sustainability.
- A Climate Action Plan which establishes a GHG emissions inventory for LA Metro as well as an evaluation of strategies for reduction.
- A series of plans that focus on individual aspects of sustainability: Water Action Plan, Energy Conservation and Management Plan, and GHG Emissions Cost Effectiveness Strategy
- A series of very short policy summaries (from one to five pages) spelling out LA Metro's immediate and long-term objectives on sustainability, the environment, energy, construction and demolition debris recycling and reuse, green construction, and waste.

Actual sustainability programs implemented by LA Metro are organized around clean air/GHG reduction, energy, and support of cooperative regional programs. These include:

- Commuter/Employer Programs to promote use of transit through pass and vanpool subsidies
- Emission Reduction Efforts, such as CNG vehicles
- Clean Air Task Force
- Energy Efficient and Sustainable Buildings—committing to design and build structures to meet or exceed the LEED Silver rating
- Installation of Additional Solar Panels in various Metro facilities to relieve reliance on supported electrical power

- Recycling and Reuse Policy to consider in all aspects of Planning, Construction, Operations, Procurement the reuse and recycling of materials in Metro and Metro-funded construction projects
- Sustainability Design Guidelines that will incorporate sustainability elements, such as low impact development, recycled material usage, drought tolerant landscaping, reclaimed water use, etc.
- Sustainability Management System (SMS) Pilot Study, incorporating the ISO 9001 (Quality), 14001 (Environment), and OHSAS 18001 (Safety) standards to create a sustainable environment within the agency.
- ADA Compliance Coordination, ensuring compliance of sustainability projects with American with Disabilities Act requirements.
- Procurement and Material Management Coordination to influence sustainability efforts throughout the region through leverage of procurement practices

EXHIBIT 2: OTHER WIDELY ADOPTED APPROACHES

National and local systems for incorporating sustainability into transportation projects are briefly reviewed below. The intent of all of these systems is first, to consider the full range of impacts and concerns affecting transportation and its role, and second, to make the balancing among alternative choices more explicit. In these systems, the concerns go beyond the more traditional concerns of accessibility and mobility to cover safety, economic vitality, resource consumption, air quality, and resilience. And by using quantitative measures to assess how well plans and projects do in addressing these concerns, these systems of evaluating sustainability try to help agencies in the necessary balancing among competing approaches.

National and State-Wide approaches

The recent National Cooperative Highway Research Program report, “A Guidebook for Sustainability Performance Measurement for Transportation Agencies” (NCHRP 708) and the new Sustainable Transportation Analysis & Rating System (STARS) are two examples of techniques to apply performance measurement to the planning and evaluation of the transportation system. The *NCHRP Guidebook* lists 11 sustainability goals for transportation agencies:

<i>Sustainability Goal</i>	<i>Definition</i>
Safety	Provide a safe transportation system for users and the general public
Basic accessibility	Provide a transportation system that offers accessibility that allows people to fulfill at least their basic needs
Equity/equal mobility	Provide options that allow affordable and equitable transportation opportunities for all sections of society.
System efficiency	Ensure that the transportation system’s functionality and efficiency are maintained and enhanced
Security	Ensure that the transportation system is secure from, ready for, and resilient to threats from all hazards
Prosperity	Ensure that the transportation system’s development and operation support economic development and prosperity
Economic viability	Ensure the economic feasibility of transportation investments over time
Ecosystems	Protect and enhance environmental and ecological systems while developing and operating transportation systems
Waste generation	Reduce waste generated by transportation-related activities
Resource consumption	Reduce the use of nonrenewable resources and promote the use of renewable replacements
Emissions and air quality	Reduce transportation-related emissions of air pollutants and greenhouse gases

In the STARS framework, agencies use performance measures to assess whether a plan or project achieves the agency’s goals and objectives. The goals and objectives are meant to be broadly based, addressing environment, economy and equity. The measures are then used to quantitatively evaluate the performance of alternative plans and projects to identify those alternatives that best achieve the objectives that the agency has established. The Santa Cruz Regional Transportation Council is now using the STARS framework in the development of their Sustainable Communities Strategy (SCS) and Regional Transportation Plan.

Another source for performance measures is Caltrans’ “Smart Mobility 2010: A Call to Action for the New Decade,” which calls for the use of performance measures to evaluate whether a proposed project or action advances the six Smart Mobility principles: location efficiency, reliable mobility, health and safety, environmental stewardship, social equity, and robust economy. The Caltrans proposal identifies 17 standards, shown below, for measuring how well plans and projects do in advancing these principles.

Principle	Performance Measure
Location Efficiency	1. Support for Sustainable Growth
	2. Transit Mode Share
	3. Accessibility and Connectivity
Reliable Mobility	4. Multi-Modal Travel Mobility
	5. Multi-Modal Travel Reliability
	6. Multi-Modal Service Quality
Health and Safety	7. Multi-Modal Safety
	8. Design and Speed Suitability
	9. Pedestrian and Bicycle Mode Share
Environmental Stewardship	10. Climate and Energy Conservation
	11. Emissions Reduction
Social Equity	12. Equitable Distribution of Impacts
	13. Equitable Distribution of Access and Mobility
Robust Economy	14. Congestion Effects on Productivity
	15. Efficient Use of System Resources
	16. Network Performance Optimization
	17. Return on Investment

Local Approaches

In the San Francisco Bay Area, much of the recent work on sustainability has focused on the use of performance measures to evaluate whether or not plans or projects help or hinder sustainability objectives and to monitor whether they are achieving those objectives over time. SB 375 mandates two benchmarks: greenhouse gas emissions reductions and regional housing supply. The regional transportation projects included in *Plan Bay Area* have been evaluated and scored against those mandates and another eight quantitative performance measures adopted by MTC in pursuit of the three Es:

- Reduce premature deaths from exposure to particulate emissions (includes three quantitative targets)
- Reduce by 50 percent the number of injuries and fatalities from all collisions
- Increase the average daily time walking or biking per person for transportation by 60 percent
- Direct all non-agricultural development within the urban footprint
- Decrease by 10 percent the share of low-income and lower-middle income residents' household income consumed by transportation and housing
- Increase gross regional product (GRP) by 90 percent – an average annual growth rate of approximately 2 percent (in current dollars)
- Increase non-auto mode share by 10 percent and decrease automobile vehicle miles traveled per capita by 10 percent.
- Maintain the transportation system in a state of good repair (includes three quantitative targets)

MTC is using these performance measures to evaluate the potential impact of proposed transportation projects, giving each project a score based on how well it would hit the quantitative targets. These scores were then mapped against a project cost/benefit assessment to determine which projects would provide the most benefit and best hit the

performance measures. MTC generally found these “high performing” projects tend to be low-capital projects that focus on roadway and transit efficiency.⁴

Exhibit 1 describes examples of how three other transportation agencies in California — ACTC, VTA, and MTA — are addressing sustainability in their plans and programs.

⁴ See this presentation on MTC’s Transportation Project Performance Assessment for more detail: http://apps.mtc.ca.gov/meeting_packet_documents/agenda_1763/2_Project_Assessment_Presentation_-_rev.pdf

EXHIBIT 3: POTENTIAL STRATEGIES AND PROGRAMS TO IMPLEMENT SUSTAINABILITY AS PART OF THE 2014 CTP

These potential strategies and programs are all optional and are included as potential actions that the Authority and the RTPCs may review, consider and adapt as necessary to achieve their sustainability goals and objectives.

Resilient Design Principles

Resiliency already is an important component of the Authority's strategic planning. A resilient system is a sustainable system and this idea could be reinforced more explicitly through conscious design principles. By way of example, the network *ResilientCity.org* proposes several conceptual design principles for resilient cities, which could be easily adapted to apply to the Authority's planning efforts and even incorporated into guidelines for evaluating transportation programs and projects proposed for Measure J funding:

1. **Diversity:** Increasing the diversity of the various transportation systems that comprise our circulation network reduces the potential negative impact to the whole network of the failure of any one particular system. Labor strikes and fuel shortages may affect one type of transportation system, such as buses, but not others, such as trains.
2. **Redundancy:** An increased redundancy of key infrastructure systems means that if one system is compromised, there is enough redundancy in the overall system to fill in for the compromised system until it can be replaced or repaired.
3. **Modularity and Independence of System Components:** Resilience capacity will be increased when system components have enough independence that damage or failure of one part or component of a system is designed to have a low probability of inducing failure of other similar or related components in the system.
4. **Feedback Sensitivity:** Feedback sensitivity is a system's ability to detect and respond to changes in its constituent parts. The more quickly a system can detect and respond to changes throughout the system, the greater its potential for effectively coping with these changes, and thus for resilience.
5. **Capacity for Adaptation:** Infrastructure that is designed to adapt quickly to changing conditions and requirements will increase overall resilience of a transportation system.
6. **Environmental Responsiveness and Integration:** Environmental responsiveness and integration will not only reduce the cost of creating and maintaining infrastructure, but reduce the relative probability of infrastructure suffering significant negative impacts from the increasing environmental shocks and stresses associated with climate change.

Using Complete Streets For Sustainability

Creating a region-wide Complete Streets system is an effective approach to sustainability because such a system would be more resilient, as a diversity of routes and modes could better survive shocks, such as high fuel prices, freeway incidents, natural disasters or locally blocked roadways. It would also advance better physical health by facilitating more biking and walking and could promote social equity by increasing accessibility of destinations to households who cannot afford private automobiles or are otherwise disadvantaged.

Specific Strategies for Action Plans

The Action Plan updates can play a vital role by providing a specific focus on how sustainability planning concepts for transportation projects and programs will help minimize impact on ecological system and resources and the world as a whole. The Action Plans can translate broad concepts for sustainability into specific strategies and actions for getting specific results. The following “checklist” of options could be considered and evaluated as part of the Action Plan updates.

1. Reduce net energy consumption related to transportation projects and programs:

- Continue to make it easier for people to walk, bike, and use transit and support transit-oriented development.
- Promote energy efficient transportation system design.
- Use state-of-the-art green construction techniques and materials in all transportation projects.
- Retrofit existing transportation facilities to be more energy efficient.
- Generate renewable energy for transportation use using photo-voltaics, rooftop wind turbines, and other emerging technologies for EV charging and other needs.
- Provide incentives for projects to incorporate facilities to support use of EV, hybrid, CNG, and other alternative fuel vehicles.
- Provide non-automotive support infrastructure, such as bike racks and lockers, benches, and transit shelters.

2. Conserve water and help restore and maintain ecological systems in transportation corridors:

- Minimize water use for landscaping in transportation corridors with low-water use planting and water recycling.
- Increase the number of street trees to create more shade, reducing the urban heat island effect, reducing energy needed for cooling buildings, and promote native low- or no-irrigation landscape features in transportation corridors.
- Continuing restoration of riparian habitat along transportation corridors, consistent with local and regional plans.
- Use green transportation infrastructure, like permeable paving, bioswales and bio-retention basins, to capture and filter runoff, recharge aquifers, and steward Contra Costa's watersheds.

3. Minimize waste in transportation projects and programs:

- Expand reuse and recycling in construction projects and transportation programs funded by Measure J.
- Require all Measure J-funded programs and projects to implement "best practices" for construction waste management.
- Provide incentives for the retention of historic facilities and reuse of buildings and transportation infrastructure.

4. Support economic development and healthy communities through sustainable transportation:

- Promote Contra Costa as an advantageous place to visit, conduct business, and live because of its multi-modal transportation system and sustainable transportation planning.
- Help local jurisdictions create highly livable places that support economic development, healthy communities, and social needs and feature beautiful streets, parkways, and transportation system architecture.
- Ensure pedestrian and bicycle networks are complete and link residential areas with transit and destinations (jobs, services, and parks).

Specific Programs that Could Advance Sustainability

Sustainability planning for transportation and land use requires consideration of a broad range of factors that, as an integrated whole, support healthy, functional ecological

relationships and the long-term viability of development patterns. Sustainable communities enjoy lasting environmental, economic, and social benefits.

Along these lines, the 2014 CTP Update could incorporate energy efficiency initiatives as well as protections and enhancements for the natural systems to which urban development and transportation systems are connected. The update also could spur creative thinking about new fuels and new technologies and transportation system management and pricing systems that could be supported by the Authority as part of a comprehensive set of sustainable transportation strategies.

Some programs the Authority could consider that would advance sustainability include:

Digital Communication

Intelligent Transportation Systems (ITS) and real-time ridesharing programs could make more efficient use of the existing roadway and transit systems by directing users to routes with excess capacity or better service, such as alternative roadways, faster transit routes, or private autos in which drivers are willing to share rides. This category could include NextBus-type programs to provide improved information for pedestrians and bikes. Over the long term, these programs can reduce the need to expand the existing highway and arterial street network, thereby reducing economic and environmental costs.

Energy and Resource Efficient Transportation Facilities

Appropriate plans, programs and engineering design standards, energy-saving technologies, congestion pricing, parking management, and behavioral change can substantially reduce energy and greenhouse gas impacts resulting from transportation systems. Energy efficiency already is a mandate as well as a priority for cars, trucks, buses and transit rolling stock. Charging stations can facilitate use of electric vehicles (EVs) and preferential parking programs can provide incentives for their use.

For heating and cooling in transit stations, buildings and maintenance facilities, energy efficiency can be increased in a variety of ways, including: super insulation, efficient mechanical systems, passive solar features (for winter), shading devices (for summer), and natural ventilation using operable vents and windows. For street lighting, energy can be saved with low-energy fixtures, and in buildings interior “daylighting” from windows, skylights, and light shelves to bounce sunlight into interior spaces reduces energy use. Finally, photovoltaic and wind technologies are being incorporated into many new buildings to generate clean energy and offset greenhouse gas emissions.

Transit-Oriented and Pedestrian-Supportive Development

Transportation today is the single largest contributor to Contra Costa's greenhouse gas emissions and to air pollution. In the future, this contribution may decline as electric and hybrid vehicle use increases and emissions per mile from gasoline-powered vehicles are reduced with mandated technological controls (Pavley I and Pavley II rules for increases in vehicle mileage under AB 1493). Planning for walk-to destinations (such as shops, services, and amenities) and easy access to transit help make urban areas, particularly downtowns, become places where residents, workers, and visitors can travel easily on foot, thereby minimizing potential net increases in GHG-related emissions from automobile use. Along these lines, a large number of PDAs have been established in Contra Costa County. For travel into and out of downtowns, transit service must be frequent and reliable. Higher densities in transit corridors identified by local General Plans support transit use and the availability of walk-to conveniences.

Measure J includes a specific program, Transportation for Livable Communities, that supports the development of transit-oriented and pedestrian-supportive districts and affordable housing. The Measure J Growth Management Program also requires jurisdictions to incorporate policies and standards into its development review process to ensure that the needs of pedestrians, bicyclists and transit users are considered.

Urban Runoff related to Transportation Facilities

Urban runoff related to transportation facilities includes the rainwater and landscape irrigation water that runs off of streets and highways, driveways and parking lots, and carries pollutants, such as motor oil, tire debris, and litter. Increased urban runoff is a direct consequence of unmitigated urban development and where hard impervious surfaces flush rooftops, parking areas and streets directly into storm sewers.

The 2014 CTP could include additional funding for local governments who make specific commitments to expanding green transportation infrastructure. In this context, "green infrastructure", or as they are often referred to, "low impact development (LID)" technologies, refers to a menu of techniques that filter pollutants before they reach the culverts that carry them to receiving water resources such as the creeks and the aquifer, and to other techniques for reducing the amount of paved space that can capture and concentrate pollutants. Paving can be permeable to trap pollutants and slow runoff. Vegetation and soils can filter and hold stormwater. Swales and other surface drainage can complement the stormwater pipes now in existence. Such features are becoming commonplace as standards for stormwater quality become progressively more stringent. Details of how this might be done can be developed in the Action Plan updates as well as in the CTP itself.

Conserving Water through Sustainable Transportation Planning

With the new Countywide Sustainability Planning Policy in place and the actions that would follow from it, the Authority can help East Bay Municipal Utilities District (EBMUD) and other water purveyors conserve water resources affected by transportation facilities and programs. This is important because there will be increasing competition statewide for California's scarce water resources.

For landscaped areas in transportation corridors, for example, low-water use plants and water-conserving irrigation systems are essential, and much already is being done. The State has a model water efficient landscape ordinance, but more can be done by public agencies, and sharing information on best practices for landscape design and maintenance and water conservation in general may have additional benefits. More specifically, water use budgets could be established for transportation projects as they often are for buildings and land development projects. Using such performance requirements will be more productive than micro-managing landscape design. The Authority might support the efforts of water agencies to use recycled water for landscaped areas in transportation corridors. Also, the stormwater management techniques discussed above can serve a dual purpose of water conservation in landscaping as well.

Street Trees and Urban Forests

Contra Costa's older communities as well as newly developed neighborhoods and employment centers will gain from more trees, and the Authority can support tree planting in transportation corridors where this makes sense, is safe, and is consistent with local General Plans. Trees have significant environmental, aesthetic, and economic benefits. Shaded streets and shaded parking lots are significantly cooler on summer days and create a more pleasant visual walking environment. Air quality authorities promote urban tree planting programs to reduce the heat absorbed by unshaded asphalt and other high-temperature "heat islands." Heat islands make urban places less comfortable, but also increase the rate at which nitrogen oxides reacts with airborne pollutants to generate ozone – further contributing to the generation of smog and the incidence of respiratory ailments. Such heat and pollution also detracts from strategies to promote more walking and cycling. Street trees also play a major role in enhancing Contra Costa's character and charm – and will help create an exceptional sense of place.

Support for Mandated Greenhouse Gas Emissions Reductions

Goals, policies, and implementing actions contained in the updated CTP will help regional agencies meet targets for GHG reductions set in Plan Bay Area. The transit-oriented location and pedestrian-supportive forms of development in local General Plans will reduce per-capita transportation-related greenhouse gas generation for current and new residents and commuters, and contribute to the Region's greenhouse

gas reduction goals. CTP policies and project design and funding criteria also can require new construction that incorporates low-impact design and technologies for reducing energy use, conserving water, and avoiding waste.

Agenda Item 7



CONTRA COSTA
transportation
authority

COMMISSIONERS

Don Tatzin,
Chair

Janet Abelson,
Vice Chair

Genoveva Calloway

David Durant

Federal Glover

Dave Hudson

Ron Leone

Karen Mitchoff

Julie Pierce

Kevin Romick

Karen Stepper

Robert Taylor

Randell H. Iwasaki,
Executive Director

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MEMORANDUM

To: Barbara Neustadter, TRANSPAC
Andy Dillard, SWAT, TVTC
Jamar Stamps, TRANSPLAN
Christina Atienza, WCCTAC
Shawna Brekke-Read, LPMC
MB for:

From: Randell H. Iwasaki, Executive Director

Date: December 28, 2012

Re: Items approved by the Authority on December 19, 2012, for circulation to the Regional Transportation Planning Committees (RTPCs), and items of interest

At its December 19, 2012 meeting, the Authority discussed the following items, which may be of interest to the Regional Transportation Planning Committees:

1. **SB 375/SCS Implementation Update:** MTC Delays Release of Draft Plan Bay Area (2013 RTP): MTC staff has indicated that the schedule for release of the Draft 2013 Regional Transportation Plan (RTP) has been delayed by several months. As indicated in the attached memo, the Draft RTP previously scheduled for release in November 2012 has been moved to April 2013, with adoption of the final RTP is moved from April to June 2013. The delay is due to the complexities and challenges of developing the region's first Sustainable Communities Strategy (SCS). Furthermore, technical issues have arisen with MTC's interactive use of its first activity-based travel demand forecasting model (Travel Model One), and a new land use model (UrbanSim). The attached staff report (excerpted from the Planning Committee's January 2, 2013 agenda) provides an up-to-date status report.

SB 375/SCS Implementation Update

MTC Delays Release of Draft Plan Bay Area (2013 RTP): MTC staff has indicated that the schedule for release of the Draft 2013 Regional Transportation Plan (RTP) has been delayed by several months. As indicated in the attached memo, the Draft RTP previously scheduled for release in November 2012 has been moved to April 2013, with adoption of the final RTP is moved from April to June 2013. The delay is due to the complexities and challenges of developing the region's first Sustainable Communities Strategy (SCS). Furthermore, technical issues have arisen with MTC's interactive use of its first activity-based travel demand forecasting model (Travel Model One), and a new land use model (UrbanSim).

Regional Advisory Working Group (RAWG): For the time being, the RAWG meetings have been cancelled. MTC and ABAG staff have indicated that the RAWG will reconvene as soon as the initial results of the RTP DEIR alternative studies are available for review.

OneBayArea Grant (OBAG) Program: Staff has updated the schedule for preparing the PDA Investment and Growth Strategy and programming the OBAG funds. Under the new schedule, the PDA/OBAG Working Group would meet in January and February to review the initial information on the implementation of local housing policies and infrastructure needs and develop criteria for use in selecting projects for OBAG funding. In March, the Planning Committee would release the call for projects. This call for projects is intended to be comprehensive in nature and would include all projects and programs seeking funding in the next seven years as part of the 2013 Congestion Management Program's Capital Investment Program (CMP-CIP). Individual projects seeking funding through the OBAG program would be selected from those submitted by sponsors during this comprehensive call for projects, eliminating the need for multiple calls.

In February and March, the Working Group would prepare the proposed PDA Strategy, outlining potential long-term approaches and priorities for supporting the development of PDAs in Contra Costa while preserving the existing transportation system. The Authority would approve the PDA Strategy at its April meeting, and the Authority would approve the OBAG funding recommendations at its June meeting.

Planning Directors Meetings: The Planning Directors of Contra Costa meeting previously scheduled for December 14, 2012, has been moved to Friday, January 11, 2013. Discussion topics will include further discussion of the One Bay Area Grant (OBAG) funding program, and development of the PDA Investment & Growth Strategy.



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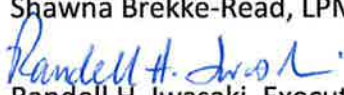
Julie Pierce

Kevin Romick

Karen Stepper

Robert Taylor

MEMORANDUM

To: Barbara Neustadter, TRANSPAC
Andy Dillard, SWAT, TVTC
Jamar Stamps, TRANSPLAN
Jerry Bradshaw, WCCTAC
Shawna Brekke-Read, LPMC

From: Randell H. Iwasaki, Executive Director
Date: January 17, 2013
Re: Items approved by the Authority on January 16, 2013, for circulation to the Regional Transportation Planning Committees (RTPCs), and related items of interest

At its January 16, 2013 meeting, the Authority discussed the following items, which may be of interest to the Regional Transportation Planning Committees:

1. **SB 375/SCS Implementation Update. (Attachment)**
2. **Incorporating Sustainability into the 2014 Countywide Transportation Plan.**
The 2009 Countywide Transportation Plan (CTP) called on the Authority to initiate a study to look at the questions of sustainability, Greenhouse Gas (GHG) emissions reductions, and smart growth and how the Authority might address them within the context of Measure J. Authority staff, in consultation with the CTP Task Force, which is made up of local agency staff, has prepared a discussion paper that reviews definitions of sustainability and how they may apply to CCTA and in particular the CTP update. The paper identifies potential actions and next steps that would serve as a backdrop for upcoming work on updating the Action Plans and the CTP. *Staff was authorized to circulate the discussion paper on sustainability to the RTPCs in parallel with the initiation of the Action Plan Updates and the launching of the 2014 CTP (Attachment). To provide context for this discussion, also attached is a draft paper prepared by CCTA staff regarding the scope and schedule for the 2014 CTP Update and related planning and programming activities for 2013.*

Randell H. Iwasaki,
Executive Director

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CA 94597
PHONE: 925.256.4700
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SB 375/SCS Implementation Update

MTC Delays Release of Draft Plan Bay Area (2013 RTP): MTC staff has indicated that the schedule for release of the Draft 2013 Regional Transportation Plan (RTP) has been delayed by several months. The Draft RTP previously scheduled for release in November 2012 has been moved to April 2013, with adoption of the final RTP moved from April to June 2013. The delay is due to the complexities and challenges of developing the region's first Sustainable Communities Strategy (SCS). Furthermore, technical issues have arisen with MTC's interactive use of its first activity-based travel demand forecasting model (Travel Model One), and a new land use model (UrbanSim).

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In February and March, the Working Group would prepare the proposed PDA Strategy, outlining potential long-term approaches and priorities for supporting the development of PDAs in Contra Costa while preserving the existing transportation system. The Authority would approve the PDA Strategy at its April meeting, and the Authority would approve the OBAG funding recommendations at its June meeting.

Planning Directors Meetings: The Planning Directors of Contra Costa meeting previously scheduled for December 14, 2012, has been moved to Friday, January 11, 2013. Discussion topics will include further discussion of the One Bay Area Grant (OBAG) funding program, development of the PDA Investment & Growth Strategy, and discussion of the 2014 Countywide Comprehensive Transportation Plan Update.

WCCTAC

West Contra Costa Transportation Advisory Committee

El Cerrito

December 28, 2012

Hercules

Mr. Randell Iwasaki, Executive Director
Contra Costa Transportation Authority
2999 Oak Road, Suite 100
Walnut Creek CA 94597

Pinole

RE: WCCTAC Meeting Summary

Dear Randy:

Richmond

The WCCTAC Board at its Dec. 7 meeting took the following actions that may be of interest to CCTA:

San Pablo

- 1) Recognized departing Directors Bill Wilkins (Vice-Chair, Hercules), Jeff Ritterman (Richmond), and Leonard McNeil (San Pablo alternate), as well as the departing Executive Director (me).
- 2) Re-elected Janet Abelson as Board Chair in 2013. Elected Tom Butt to the Authority for the Feb. 1, 2013 to Jan. 31, 2015 period.
- 3) Approved the attached Board and TAC meeting schedule for 2013. Note the change of Board meeting start time back to 7:30 a.m.
- 4) Appointed Adele Ho (San Pablo) and Yvetteh Ortiz (El Cerrito) to replace two member vacancies and Steven Tam (Richmond) as the alternate on the Technical Coordinating Committee.
- 5) Approved the West Contra Costa Unified School District's FY 13 budget for administration of the Student Bus Pass Program.
- 6) Approved the FY 13 Master Cooperative Agreement with CCTA No. 17W.13.
- 7) Approved the retention of Jerry Bradshaw as Interim Executive Director. Mr. Bradshaw previously served as El Cerrito's Public Works Director/City Engineer and TCC member.

Contra Costa
County

AC Transit

It has been a pleasure working with you and your staff. Best wishes to all of you in the coming year and beyond.

BART

Sincerely,



WestCAT

Christina M. Atienza
Executive Director

cc: Danice Rosenbohm, CCTA; Barbara Neustadter, TRANSPAC; John Cunningham, TRANSPLAN; Andy Dillard, SWAT

WCCTAC

West Contra Costa Transportation Advisory Committee

El Cerrito

January 29, 2013

Hercules

Mr. Randell Iwasaki, Executive Director
Contra Costa Transportation Authority
2999 Oak Road, Suite 100
Walnut Creek CA 94597

Pinole

RE: WCCTAC Meeting Summary

Dear Randy:

Richmond

The WCCTAC Board at its January 25th meeting took the following actions that may be of interest to CCTA:

San Pablo

- 1) Elected Director Tom Butt as WCCTAC Vice-Chair.
- 2) Appointed Director Sherry McCoy to be CCTA Alternate Representative. Ms. McCoy will serve as alternate for both the even- and odd-year representatives as well as alternate for both APC and PC assignments.
- 3) Ratified the appointment of Hilde Myall (El Cerrito's Housing Program Manager) to represent WCCTAC on the CCTA's PDA/OBAG Working Group.
- 4) Received a presentation from Martin Engleman (CCTA) about the Countywide Transportation Plan (CTP), the Action Plan Updates, and the One Bay Area Grant (OBAG).

Contra Costa
County

Sincerely,



Jerry Bradshaw
Interim Executive Director

AC Transit

cc: Danice Rosenbohm, CCTA; Barbara Neustadter, TRANSPAC; Jamar Stamps,
TRANSPLAN; Andy Dillard, SWAT

BART

WestCAT

TRANSPAC Transportation Partnership and Cooperation

Clayton, Concord, Martinez, Pleasant Hill, Walnut Creek and Contra Costa County
2300 Contra Costa Boulevard, Suite 360
Pleasant Hill, CA 94523
(925) 969-0841

December 31, 2012

Randell H. Iwasaki
Executive Director
Contra Costa Transportation Authority
2999 Oak Road, Suite 100
Walnut Creek, CA 94597

Dear Mr. Iwasaki:

At its meeting on December 13, 2012, TRANSPAC took the following actions that may be of interest to the Transportation Authority:

1. Reappointed David Durant as TRANSPAC's representative to the Contra Costa Transportation Authority for the term of February 1, 2013 through January 2015. Appointed Ron Leone as the second alternate representative to the Contra Costa Transportation Authority for both David Durant and Julie Pierce.
2. Received a report and presentation from Mr. Iwasaki regarding current and future major projects in Contra Costa County, State and Federal Funding Outlook, Self-Help Counties, and CCTA Strategy for Success.
3. Received reports on CCTA activities from TRANSPAC's CCTA representatives Pierce and Durant.
4. Received a report on SB 375/SCS from Martin Engelmann, CCTA Deputy Director, Planning.
5. Received a report from Lynn Overcashier, 511 Contra Costa Program Manager, with the following update on the activities of 511 Contra Costa:
 - The first county-wide Electric Vehicle Discussion Forum was held on December 5, 2012, with many Contra Costa city staff in attendance. A BAAQMD representative provided an insightful presentation on funding opportunities and performance measures for charging stations. Cities shared experiences and all expressed an interest in having additional forums as new information and collaborative opportunities arise.
 - The Central/East County Street Smarts Diablo Region program kicked off this fall with 14 elementary school assemblies. The Street Smarts Middle and High School Programs will be launched in 2013. 511 CC is conducting a follow-up program which is currently being coordinated in Walnut Creek with cooperation from the Walnut Creek School District, Walnut Creek City staff, Bike Walnut Creek and Supervisor Karen Mitchoff's staff. Coordination and identification of additional infrastructure and signage/access improvements are being conducted to prioritize projects in advance of future OneBayArea funding opportunities.

- The TRANSPAC/TRANSPLAN 511 Contra Costa office moved to a new suite location at 2300 Contra Costa Blvd., Suite 110, Pleasant Hill, CA 94523. The main phone line remains the same at 925-969-0841.
- Staff worked with Caltrans to fund the purchase and installation of bicycle lockers and racks at the Rudgear Park and Ride lot location. Caltrans is interested in expanding bicycle storage facilities at other locations in Contra Costa.
- Staff is developing a draft model update to the TDM ordinances which each jurisdiction is obliged to have as part of the GMP compliance checklist in order to receive Measure J return-to-source funds. The timing is to coincide with the current Countywide Transportation Plan update.
- SB 1339 – 511 CC staff is working the MTC and the BAAQMD to identify employers in the county that will need to comply with new transit/vanpool pre-tax benefit requirements beginning in 2013.
- Map 21 – Lynn Overcashier has been working at the national level to provide comments to Congress regarding performance measures for TDM programs/projects. These recommendations will be included for consideration with the distribution of Federal funds for all demand management programs in the newly reauthorized transportation bill.

TRANSPAC hopes that this information is useful to you.

Sincerely,



Barbara Neustadter
TRANSPAC Manager

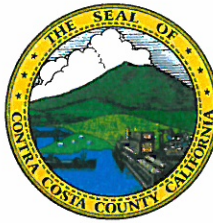
cc: TRANSPAC Representatives; TRANSPAC TAC and staff
Amy Worth, Chair - SWAT
Kevin Romick - TRANSPLAN
Martin Engelmann, Arielle Bourgart, Hisham Noeimi, Danice Rosenbohm, Brad Beck (CCTA)
Jerry Bradshaw - WCCTAC
Janet Abelson - WCCTAC Chair
Jamar I. Stamps - TRANSPLAN
Andy Dillard - SWAT
June Catalano, Diana Vavrek, Diane Bentley - City of Pleasant Hill

**Department of
Conservation and
Development**

30 Muir Road
Martinez, CA 94553-4601

Phone: 1-855-323-2626

**Contra
Costa
County**



Catherine Kutsuris
Director

Aruna Bhat
Deputy Director
Community Development Division

Jason Crapo
Deputy Director
Building Inspection Division

Steven Goetz
Deputy Director
Transportation, Conservation and
Redevelopment Programs

December 26, 2012

**NOTICE OF AVAILABILITY AND PUBLIC REVIEW OF THE CONTRA
COSTA COUNTY CLIMATE ACTION PLAN AND INTENT TO ADOPT A
PROPOSED NEGATIVE DECLARATION AND HOLD A PUBLIC HEARING**

Project Title: Draft Contra Costa County Climate Action Plan

Pursuant to the State of California Public Resources Code and the "Guidelines for Implementation of the California Environmental Quality Act of 1970" as amended to date, this is to advise you that the Department of Conservation and Development, Community Development Division of Contra Costa County has prepared an initial study on the following project:

Project Description: The proposed project involves preparation of a Climate Action Plan (CAP) to identify measures and actions intended to reduce greenhouse gas (GHG) emissions below the level of emissions that existed in 2005. California adopted GHG emission reduction targets in 2006 under Assembly Bill (AB) 32. The Contra Costa Climate Action Plan is the beginning of an ongoing planning process that enables the County to comply with state legislation related the GHG emissions. The purpose of the Climate Action Plan is to identify how the County will achieve a target of 15% below 2005 levels by the year 2020 and to create a path to obtain 2050 targets associated with Governor's Executive Order S-03-05. The CAP provides goals and associated measures, also referred to as GHG reduction measures, in the sectors of energy, solid waste, transportation, off-road equipment, water and wastewater, and agriculture. In addition, the CAP provides goals and measures for longer-term adaptation to potential risks of climate change, as well as, identifying public health benefits and providing implementation strategies that encourage positive health outcomes.

A copy of the Draft Climate Action Plan and Negative Declaration and all documents referenced may be reviewed in the offices of Conservation and Development located at 30 Muir Road, Martinez.

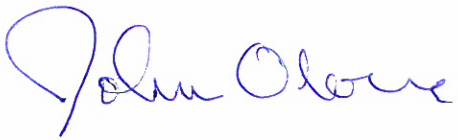
Public Comment Period: The period for accepting comments on the adequacy of the environmental document and the Draft Climate Action Plan extends to 5:00 pm, Friday, February 1, 2013. Any

comments should be in writing and submitted to the following address:

John Osborne
Contra Costa County
Department of Conservation and Development
30 Muir Road
Martinez, CA 94553

Or, you can submit your comments by email to john.osborne@dcd.cccounty.us

It is anticipated that the proposed Negative Declaration will be considered for adoption at a meeting of the Board of Supervisors in early 2013. A public hearing notice for the proposed Negative Declaration will be issued at least 10 days prior to the hearing. The hearing is anticipated to be held at the County Administration Building, 651 Pine Street, Room 107 (Board Chambers), in Martinez. It is expected that the Board of Supervisors will also conduct a hearing on the Draft Climate Action Plan at the same time.



John Osborne
Senior Planner

cc: County Clerk's Office (2 copies)