

ATTACHMENT 3
ONLINE RESOURCE GUIDE



MEMORANDUM

Date: May 27, 2014
To: Martin Engelmann and Brad Beck, CCTA
From: CCTA Safe Routes to School Project Team
Subject: **Recommended Resources for Safe Routes to School Best Practices**

SF12-0657

INTRODUCTION

As part of its effort to support Safe Routes to School activities, CCTA will provide an online resource list that will contain important information for local communities to guide their process of planning, designing and implementing Safe Routes to School infrastructure improvements and support programs. The resource list will be a directory of best practices, case studies, model policies and programs, standards and guidelines. The tools provided will help local jurisdictions become more strategic in supporting bicycling and walking to school activities, improve their chances in applying for funding, and address engineering, programmatic and funding-related elements. The resource list can be used by jurisdictions interested in starting or enhancing their own Safe Routes to School program. Jurisdiction needs will vary based on local circumstances, which is reflected in the variety of approaches taken by the existing Safe Routes to School programs established in Contra Costa. The intent of the online resource list is to be a single, consolidated location that individual jurisdictions can explore to find what is most applicable to their situation.

There are essentially two types of Safe Routes to School programs that local communities can pursue; those hosted by an independent program provider (such as Contra Costa Health Services, Street Smarts Diablo, and San Ramon Valley Street Smarts), or the more local volunteer-driven efforts run by the school itself or an active parents group. Many programs function as a hybrid of the two. Whichever type of program is pursued, involvement of the school district is essential for success. This guide describes the various programs available through local providers, but it is largely geared towards communities seeking to develop other activities not currently hosted by these providers.



Several Safe Routes to School online resources already exist, so the CCTA resource list compiles and synthesizes available resources, best practices and current research. Since content and practices will evolve over time, CCTA will need to update the resource list on an ongoing basis.

This memorandum catalogs currently available Safe Routes to School resources that we recommend for inclusion in the CCTA online list. The memorandum begins with an extensive listing of program resources from local, regional, state, and national sources. Following the program resources, there are sections on funding and on research and policy issues. We appreciate the guidance received from CCTA and local agency staff on the resources that should be included. The intent is for this document to serve as the content for a new page on the CCTA website devoted to Safe Routes to School resources.

Below is an outline of the Resource Guide materials to be included on the CCTA website.

- Online Resources
 - Local, Regional, State and National Resources
 - Building and Sustaining a Program
 - Program Tools
 - Education
 - Encouragement
 - Enforcement
 - Engineering
 - Program Evaluation
 - Community Involvement
- Funding
 - Federal Funding Sources
 - State Funding Sources
 - Regional Funding Sources
- Research and Policies



ONLINE RESOURCE GUIDE

Local, Regional, State, and National Resources

Local Resources

Three local organizations provide Safe Routes to School services in specific areas of Contra Costa County: Street Smarts Diablo, Contra Costa Health Services, and San Ramon Valley Street Smarts. These providers are available to help advise any community interested in starting a program at a school in the geographic areas they serve. If interested, please reach out to the organizations through their websites below.

Local Provider	Jurisdictions
Street Smarts Diablo	Central and East County
Contra Costa Health Services	West County (primarily)
San Ramon Valley Street Smarts	San Ramon Valley communities of Alamo, Blackhawk, Danville, Diablo, San Ramon, and parts of Walnut Creek



Bike/Ped Road Simulation at Knightsen Elementary School in Knightsen, CA.
Source: Street Smarts Diablo.

Street Smarts Diablo is a bicycle and pedestrian Safe Routes to School safety program available to all public schools in Central and East County. The program is funded by 511 Contra Costa through a Federal Safe Routes to School grant. Street Smarts Diablo provides traffic safety education and resources to schools. Other programs include the SchoolPool Transit Ticket program, which provides middle and high school students with public transit tickets at the start of every school year, and annual events like Bike to School Day and International Walk to School Day. In addition, 511 Contra Costa works with the Lamorinda school bus program, which provides home-to-school bus transportation for

elementary, middle and high school students in Lamorinda.

Street Smarts Diablo: <http://www.streetsmartsdiablo.org>

511 Contra Costa: <http://511contracosta.org/schools/>



Contra Costa Health Services utilizes Safe Routes to School programming as one approach in building community and reclaiming streets for the safety of children. The organization's primary Safe Routes to School activities are in West County, although it also provides programs and resources to other communities within the county as opportunity and funding arise. Contra Costa Health Services facilitates activities such as in-class presentations, leadership development, guided walk to school days (e.g., Walking School Busses), assemblies, bicycle rodeos, and on-campus kiosks that promote walking and bicycling.

Contra Costa Health Services: <http://cchealth.org/injury-prevention/safe-routes.php> (includes list of schools and cities with Contra Costa Health Services programming)

San Ramon Valley Street Smarts operates a traffic safety campaign and outreach program in the San Ramon Valley to educate drivers, bicyclists, and pedestrians on issues related to traffic safety. The organization is a collaboration among the San Ramon Valley Unified School District, the City of San Ramon, the Town of Danville, the County of Contra Costa, and the San Ramon Valley Council of PTAs. The organization delivers educational programs to schools in the San Ramon Valley Unified School District, including the Storybook Poster Contest (K-5), "Be Reel" Video Contest (6-8), "It Happens" Teen Program (9-12), walk/bike challenges, bike rodeos, and school assemblies and presentations. Through advertising campaigns and community outreach, the organization also educates the greater community about traffic safety. In addition, the San Ramon Valley Street Smarts website provides safety tips for teen drivers, pedestrians, bicyclists, and skateboarders.



Traffic safety assembly at Walt Disney Elementary School in San Ramon, CA. Grades K-2 with Sam the Safety Car.
Source: San Ramon Valley Street Smarts.

San Ramon Valley Street Smarts: <http://www.street-smarts.com/>

Regional Resources

Solano Transportation Authority provides information for parents on how to volunteer for events such as a Walking School Bus or Bicycle Rodeo and for schools on how to conduct travel surveys and initiate programs in their communities. The County also created a Safe Routes Google Map Tool with suggested walking and biking routes to every school in the Safe Routes to School to program. The map was based on various data from the location of stop signs and traffic lights to the locations and conditions of sidewalks. With the maps,



the County aims to provide parents with information to encourage and empower them to walk or bike with their children to school more often.

STA Safe Routes to School: <http://www.solanosr2s.ca.gov/>

Solano County Safe Routes Google Map Tool: http://www.solanosr2s.ca.gov/app_pages/view/10

The Transportation Authority of Marin highlights Safe Routes to School programs across that County and at individual schools and provides resources for groups interested in bringing Safe Routes to School to their communities. Marin County has received substantial funding for their Safe Routes to School program and has therefore been able to allocate a significant amount of resources towards a diverse array of programs. These include a Greenways to School campaign to increase the number of green trips to school, Walk and Roll to School Day weekly or monthly events that encourage students to walk and bike to school through rewards and outreach, and various school presentations and assemblies promoting environmental awareness, street safety, and family riding.

TAM Safe Routes to School resources: <http://www.saferoutestoschools.org/resources.html>

TAM Safe Routes to School programs: <http://www.saferoutestoschools.org/programs.html>

The Metropolitan Transportation Commission (MTC) and the Bay Area Air Quality Management District (BAAQMD) sponsor a website called Spare the Air Youth, that seeks to educate, inspire and empower Bay Area youth and their families to change transportation habits to reduce greenhouse gas emissions and vehicle miles traveled, while also providing a regional resource for students, parents, teachers and program providers. Safe Routes to School programs are one element addressed on this website.

MTC/BAAQMD Youth-focused climate-related resources: <http://www.sparetheairyouth.org/about>

California Resources

California Safe Routes to School Technical Assistance Resource Center assists local communities with creating Safe Routes to School programs by providing training, technical assistance, and other resources on important elements such as gathering data, addressing equity, and finding funding.

Website: <http://www.casaferoutestoschool.org/>

California Walk to School Headquarters provides suggestions for year-round activities to promote walking and biking, including a walking school bus or bike train, weekly walk and bike day, a program to walk at school during the school day, and after-school walking or biking clubs.

Year round activities: <http://www.caactivecommunities.org/w2s-year-round-activities/>



National Center for Safe Routes to School provides an overview of the Safe Routes to School program in the state of California, including a history of the program and activities that it undertakes.

CA program overview: <http://www.saferoutesinfo.org/data-central/success-stories/california-california-srts-program>

Safe Routes to School National Partnership outlines the funding structure and policies of California's Safe Routes to School program.

CA funding and policies: <http://www.saferoutespartnership.org/state/srts-in-your-state/california>

The California School Board Association published a policy brief entitled Safe Routes to School: Program and Policy Strategies aimed at increasing active transportation; the Board also released a sample board policy to be revised and implemented by local districts to meet their specific needs.

CA School Boards Association policy brief: <http://www.saferoutespartnership.org/state/srts-in-your-state/california>

CA School Boards Association sample board policy:

http://www.csba.org/EducationIssues/EducationIssues/Wellness/~//media/Files/Services/PolicyServices/PolicyBriefs/201004_BP5142%20SafeRoutes.ashx

National Resources

National Highway Traffic Safety Administration (NHTSA) Safe Routes to School toolkit can be used by educators and local organizations to help create a program aimed at promoting walking and bicycling to school. The toolkit includes elements on mapping school routes, initiating outreach, and developing activities and classroom lessons.

About: <http://www.saferoutesinfo.org/program-tools/toolkits-nhtsa-safe-routes-school-toolkit>

Report: <http://www.nhtsa.gov/people/injury/pedbimot/bike/Safe-Routes-2002/toc.html>

National Center for Safe Routes to School Safe Routes to School Guide offers support in the development of Safe Routes to School programs through a "one-stop shopping" guide on all aspects of the program, including guidelines for adult school crossing guards, the creation of a school route maps, ways to include children with disabilities, and ideas about how to motivate students to walk and bicycle to school.

Website: <http://www.saferoutesinfo.org/>

Program development guide: <http://guide.saferoutesinfo.org/index.cfm>



Safe Routes to School National Partnership provides resources for individuals or organizations seeking to implement a Safe Routes to School program, making their voice heard as an advocate, or push for policy change. Information available includes up-to-date news and research, funding guidance, advice on engaging with Congress, best practices related to national and state policies, and individual Safe Routes to School success stories.

Website: <http://www.saferoutespartnership.org/>

Safe Routes to School National Partnership and National Center for Safe Routes to School provide examples of schools that have successfully implemented Safe Routes to School programs in California.

Chula Vista: <http://www.saferoutesinfo.org/data-central/success-stories/chula-vista-california-comprehensive-srts-program-takes>

Riverside: <http://www.saferoutesinfo.org/data-central/success-stories/riverside-california-srts-coalition-sees-success-riverside>

Southeastern San Diego: <http://www.saferoutespartnership.org/state/srts-in-your-state/california/CA-Success-Stories>

Alameda County / Riverside County: <http://www.saferoutespartnership.org/state/srts-in-your-state/california>

To better serve readers who are interested in a specific topic, the following resource list addresses topics that may be of interest to local jurisdictions and school districts:

- 1) How to build and sustain a program;
- 2) Useful program tools (further broken down into the categories of education, encouragement, enforcement, and engineering);
- 3) How to evaluate program effectiveness;
- 4) How to encourage community involvement; and
- 5) Where to look for information on local Contra Costa County providers of Safe Routes to School programming.

Available resources are outlined in more detail below.

Building and Sustaining a Program

The National Center for Safe Routes to School outlines the essential steps to take when starting a Safe Routes to School program. It also provides resources to help communities promote their programs and work with local media to increase visibility.



8 steps to creating a program: <http://guide.saferoutesinfo.org/steps/index.cfm>

Promotion tools: <http://www.saferoutesinfo.org/program-tools/build-and-sustain-program/promote-your-efforts>

Media and visibility: <http://guide.saferoutesinfo.org/media/index.cfm>

Program Tools

All existing resources provide recommendations for useful tools that can be implemented to help create a successful Safe Routes to School program. These program tools can be categorized as strategies to address education, encouragement, enforcement and engineering.

Program Tools: Education

The National Center for Safe Routes to School, California Walk to School Headquarters and other groups provide schools and families with information on how to teach traffic safety and create awareness of the benefits and goals of Safe Routes to School, both in the classroom and at home. A number of resources contain lesson plans on how to teach specific concepts like safety and the environment. Some of the current program providers in Contra Costa County also produce bilingual education materials.



Traffic safety assembly at Walt Disney Elementary School in San Ramon, CA. Grades 3-5 with "Street Smarts News" video which features student anchors.

Source: San Ramon Valley Street Smarts.

General Education Materials

Overview of planning Safe Routes to School education strategies, with information about who needs to receive information, when the education should be delivered, what information needs to be shared, and how the message should be conveyed.

Education overview: <http://guide.saferoutesinfo.org/education/index.cfm>

Links to various classroom resources, including guides on how to teach pedestrian safety, sample surveys and checklists, and recent research on walking and biking trends.

Various classroom resources: <http://www.saferoutesinfo.org/program-tools/access-classroom-resources>



Mr. Beeps car used for Elementary School assemblies.

Source: Street Smarts Diablo.



Formal safety training resources for children and adults, including League of American Bicyclists training courses, NHTSA bicycle and pedestrian safety programs, FHWA pedestrian safety website, and bike rodeos.

Safety training (formal programs): <http://www.caactivecommunities.org/w2s-year-round-activities/pedestrians-and-bicycle-trainings/>

Guide for parents and caregivers on the walking safety skills to teach to children as they move through different stages of childhood development.

Safety training (informal programs): http://guide.saferoutesinfo.org/graduated_walking/index.cfm



Bike rodeo at Green Valley Elementary School in Danville, CA.
Source: San Ramon Valley Street Smarts.



Bike rodeo at John Muir Medical Center in Walnut Creek, CA.
Source: Contra Costa Health Services.

Lesson Plans

Teach safe walking and biking practices to students in grades K-8.

K-8 safety lesson plans: <http://www.saferoutesinfo.org/program-tools/marin-county-bicycle-coalition-safe-routes-school-lesson-plans-0>

Teach personal choice (with a transportation focus) and energy use to students in grades K-8 using games, activities, experiments, and stories.

K-8 environmental lesson plans: <http://www.saferoutesinfo.org/program-tools/marin-county-bicycle-coalition-safe-routes-school-lesson-plans>

Teach safety and environmental lessons to students in grades 1-6.

K-8 safety and environmental lesson plans: <http://www.saferoutestoschools.org/lessonplans.shtml>



Case Studies

Examples of schools "putting it into practice" with safety education.

http://guide.saferoutesinfo.org/case_studies/education.cfm

Program Tools: Encouragement

Closely tied to education is encouragement, and the National Center for Safe Routes to School and California Walk to School Headquarters provide suggestions for activities and events that generate excitement for and interest in walking and bicycling.

General Encouragement Materials

Overview of encouragement activities to make walking and bicycling fun and reward participation, with information about mileage clubs and contests, walking activities, and other special events.

Encouragement overview: <http://guide.saferoutesinfo.org/encouragement/index.cfm>

Classroom competitions and fun ways to incorporate walking and biking into the classroom curriculum.

Classroom activities: <http://www.caactivecommunities.org/w2s-year-round-activities/classroom-activities/>

Walk/Bike to School

Information about Walk to School events and how to plan them.

Walk to School event: <http://www.caactivecommunities.org/w2s/>

Information about Walking School Buses and Bike Trains and how to organize them.

Walking school bus/bike train: <http://www.caactivecommunities.org/w2s-year-round-activities/walking-school-buses-and-more/> and
http://guide.saferoutesinfo.org/encouragement/walking_school_bus_or_bicycle_train.cfm

Walking school bus: http://guide.saferoutesinfo.org/walking_school_bus/index.cfm and
<http://sonomasaferroutes.org/node/21>

Case Studies

Examples of schools "putting it into practice" with encouragement.

http://guide.saferoutesinfo.org/case_studies/encouragement.cfm



International Walk to School Day at
Timber Point Elementary School in
Discovery Bay, CA.
Source: Street Smarts Diablo.



Walking School Bus at Meadow Homes
Elementary School in Concord, CA.
Source: Contra Costa Health Services.

Program Tools: Enforcement

The National Center for Safe Routes to School outlines enforcement strategies to deter unsafe behavior and encourage road users to obey traffic laws and safely share the road.

General Enforcement Materials

Overview of common unsafe behaviors often encountered near schools and the enforcement approaches that communities can use to improve these behaviors.

Enforcement overview: <http://guide.saferoutesinfo.org/enforcement/index.cfm>

School Crossing Guards

Your local school district can provide specific information on crossing guard programs in your community.

Adult crossing guard guidelines: http://guide.saferoutesinfo.org/crossing_guard/index.cfm

Case Studies

Examples of schools "putting it into practice" with enforcement.

http://guide.saferoutesinfo.org/case_studies/enforcement.cfm

Program Tools: Engineering

The National Center for Safe Routes to School and California Walk to School Headquarters provide engineering tools that focused on the design, implementation, operation and maintenance of physical measures that will enable more children to walk and bicycle to school safely.



General Engineering Materials

Overview of engineering techniques aimed at creating safe routes to school, focusing on tools that improve paths, create safer crossings and slow down traffic.

Engineering overview: <http://guide.saferoutesinfo.org/engineering/index.cfm>

Reduce Traffic

Discussion of the problem of traffic congestion, local programs that successfully measured traffic reductions, and steps that programs can take to measure impacts of their activities.

Reduce number of vehicles near school: <http://www.saferoutesinfo.org/program-tools/getting-results-srts-programs-reduce-traffic>

Information on problems associated with the drop off and pick up of students at schools and ways to improve the process.

Improve drop-off/pick-up zones: <http://www.caactivecommunities.org/w2s-year-round-activities/drop-off-zones/>

Improve drop-off/pick-up zones: http://guide.saferoutesinfo.org/dropoff_pickup/index.cfm

Guidelines on steps for the designation of school bus stops and strategies to support safe pedestrian behavior by students between their homes and their bus stops.

Selection of school bus stop locations: http://guide.saferoutesinfo.org/school_bus_locations/index.cfm

Information about Street Smarts Diablo's School Pool and RideMatch Service, which encourage students to beat traffic congestion, reduce auto emissions and cut commute costs by using public transportation or sharing rides to get to and from school.

SchoolPool Program: <http://511contracosta.org/schools/schoolpool-program/application/>



Carpool program at Sequoia Middle School in Pleasant Hill, CA.
Source: Street Smarts Diablo.



RideMatch Service:

<https://www.ridematch.511.org/SanFrancisco/TDMLogin.jsp?idScreen=LOGIN1&client=contracosta>

Case Studies

Examples of schools “putting it into practice” with engineering.

http://guide.saferoutesinfo.org/case_studies/dropoff.cfm

http://guide.saferoutesinfo.org/case_studies/engineering.cfm

Program Evaluation

Evaluation is an essential component of any Safe Routes to School program, used to determine whether the program goals are being met and to ensure that resources are directed toward efforts with the greatest likelihood of success. The National Center for Safe Routes to School provides guidance on when and how to evaluate a Safe Routes to School program. Street Smarts Diablo, Contra Costa Health Services, and San Ramon Valley Street Smarts recommend additional program effectiveness evaluation strategies, such as bicycle rack inventories, post-event observations, and pedestrian and bicycle counts at schools before and after program implementation to determine participation increases.

Evaluation overview: <http://guide.saferoutesinfo.org/evaluation/index.cfm>

Community Involvement

A Safe Routes to School program is more effective with strong community support, and the California Walk to School Headquarters provides advice on how to build a coalition of stakeholders. Parent education events are an important piece of growing that support in a local community. Click the link below to read a success story from San Ramon Valley Street Smarts about the vital partnership between the organization and its school Parent Teacher Associations.

Building support: <http://www.caactivecommunities.org/w2s-year-round-activities/community-involvement/>

Parent Education outreach: <http://www.saferoutesinfo.org/program-tools/how-can-we-best-reach-and-educate-parents-about-safe-routes-school>

Partnership with PTA: A San Ramon Valley Street Smarts Success Story: [link to write-up at end of guide – “Street Smarts SRV Success Story (2014.02.21).docx”]



Bike rodeo with parent volunteers at Hidden Hills Elementary School in San Ramon, CA.
Source: San Ramon Valley Street Smarts.



Bike rodeo with parent volunteers at Green Valley Elementary School in Danville, CA.
Source: San Ramon Valley Street Smarts.

FUNDING

A variety of federal, state, regional, county and local organizations provide funding for Safe Routes to School. Funding programs are often competitive, and some may require formal applications, identification of a local agency co-sponsor, matching funds, commitment to evaluating program effectiveness, and/or other requirements. Funding program requirements may change over time; individuals or groups who are interested in pursuing funding for Safe Routes to School activities are encouraged to contact one of the program providers operating in Contra Costa County to learn more about current funding opportunities.

Federal Funding Sources

The most recent federal surface transportation funding program, Moving Ahead for Progress in the 21st Century Act (MAP-21), was signed into law in July 2012. This is the first long-term federal transportation authorization enacted since 2005, and the new authorization brings significant changes to typical funding sources and structures. MAP-21 funding is distributed to federal and state surface transportation funds. Most of these resources are available through Caltrans, the Metropolitan Transportation Commission (MTC) and the Contra Costa Transportation Authority (CCTA).

The Transportation Alternatives Program (TAP) is authorized through MAP-21 to provide funding for Safe Routes to School programs. Infrastructure, encouragement, campaigns, education, outreach and a Safe Routes coordinator are all eligible under TAP, though no funds are specifically dedicated for this.



The Michigan DOT and Safe Routes to School National Partnership provide helpful guides to navigating the federal funding process.

MAP-21

Overview of MAP-21 and resources on funding opportunities.

Overview and resources: <http://www.saferoutespartnership.org/national/map-21-resource-center>

FHWA resources: <http://www.fhwa.dot.gov/map21/>

Transportation Alternatives Program (TAP)

Overview of TAP and resources on funding opportunities.

FHWA information: <http://www.fhwa.dot.gov/map21/guidance/guidetap.cfm>

FHWA FAQ: <http://www.fhwa.dot.gov/map21/qandas/qatap.cfm>

Policy background: <http://www.saferoutespartnership.org/national/policy-background#transpoalt>

Federal Safe Routes to School Program

Eligibility guidelines and application process for securing federal Safe Routes to School funding, provided by Caltrans, Michigan DOT, and the Safe Routes to School National Partnership.

Caltrans: <http://www.dot.ca.gov/hq/LocalPrograms/saferoutes/srts.htm>

Michigan DOT: <http://saferoutesmichigan.org/funding>

Safe Routes to School National Partnership 5 Steps to Federal Funding:

http://www.saferoutespartnership.org/sites/default/files/pdf/Five_Steps_to_Federal_Funding.pdf

State Funding Sources

Prior to 2012, the state and federal Safe Routes to School programs were potential funding sources. Caltrans administered two Safe Routes to School programs: the state-legislated program (SR2S), authorized by California Streets and Highways Code Section 2330-2334, and the federal program (SRTS), authorized by the SAFETEA-LU federal funding bill. The SR2S and SRTS programs provided \$24.25 million and \$21 million, respectively, in annual funding.

While the future of Safe Routes funding is uncertain in California, ongoing legislative efforts are being considered to continue funding programs at or near historical levels, including the Active Transportation Program (ATP). The proposed ATP would consolidate five existing state funded programs – Transportation Alternatives Program, Recreational Trails program, Safe Routes to Schools, Environmental Enhancement and Mitigation Program and the Bicycle Transportation Account – and would be administered by the state Business, Transportation and Housing Agency. As it is proposed, the ATP provides approximately \$134 million annually, with a focus on implementing active transportation improvements to support the goals of



local SB 375 sustainable community strategies. This program would be funded from a combination of federal and state funds from appropriations in the annual state budget act.

Neither MAP-21, the federal funding bill for transportation spending, nor the proposed California's Governor's Budget 2013-14, include set-aside funds for Safe Routes to School projects. See the regional funding discussion below for other sources for Safe Routes funding.

The Safe Routes to School National Partnership and the National Center for Safe Routes to School provide helpful guides to navigating the state funding process.

State Safe Routes to School Program

Eligibility guidelines and application process for securing federal Safe Routes to School funding, provided by Caltrans, the Safe Routes to School National Partnership, and the National Center for Safe Routes to School.

Caltrans: <http://www.dot.ca.gov/hq/LocalPrograms/saferoutes/sr2s.htm>

Safe Routes to School National Partnership overview:

<http://www.saferoutespartnership.org/state/state-resources>

State Safe Routes to School coordinator: <http://www.saferoutesinfo.org/program-tools/find-state-contacts/california>

Active Transportation Program (ATP)

Background of the ATP and why it's relevant for California communities.

Overview: <http://www.dot.ca.gov/hq/LocalPrograms/atp/index.html>

Regional Funding Sources

Regional funding opportunities include MTC programs such as Transportation for Livable Communities/One Bay Area and the Climate Action Program, as well Contra Costa County Measure J funding. MTC created the Transportation for Livable Communities (TLC) program in 1998. It provides technical assistance and funding to cities, counties, transit agencies and nonprofit organizations for capital projects and community-based planning that encourage multimodal travel and the revitalization of town centers and other mixed-use neighborhoods. One Bay Area Grant Program (OBAG) is now an umbrella for the previous MTC grant programs. It combines funding for TLC, Bicycle, Local Streets and Roads Rehabilitation, and Safe Routes to School for the FY 2012-13 through 2015-16 funding cycles. This program is administered by MTC and awards funding to counties based on progress toward achieving local land-use and housing policies.



In partnership with the Bay Area Air Quality Management District (BAAQMD), Bay Conservation Development Commission and the Association of Bay Area Governments, MTC sponsors a transportation-oriented Climate Action Program, designed to reduce mobile source emissions through various strategies. The grant program provides funding for pedestrian and bicycle projects through new Safe Routes to School and Safe Routes to Transit programs, with total funding expected to be approximately \$400 million. This funding will be in addition to the state and federal Safe Routes to School programs and MTC's existing Safe Routes to Transit program.

MTC Funding Opportunities

Eligibility guidelines and application processes for MTC's TLC, OBAG, and Climate Action programs.

Transportation for Livable Communities: http://www.mtc.ca.gov/planning/smart_growth/tlc/

One Bay Area Grant Program: <http://www.mtc.ca.gov/funding/onebayarea/>

Climate Initiatives Program: <http://www.mtc.ca.gov/planning/climate/>

Contra Costa County Measure J

Overview of the Measure J expenditure plan and application guidelines for securing Contra Costa County Measure J funding.

Overview: <http://www.ccta.net/EN/main/about/measurej.html>

Expenditure plan:

http://www.ccta.net/assets/documents/Available~Publications/Expenditure~Plans/MeasureJ_ExPlan asof 2011-11-07.pdf

Compliance requirements: <http://www.ccta.net/EN/main/planning/342/measurecompliance.html>

Other Funding Sources

Funding for Safe Routes to School activities may also be available from non-governmental sources, such as private foundations, philanthropic organizations, or business groups with an emphasis on supporting educational or health-related causes. These sources may have different application requirements than those of governmental agencies.

RESEARCH AND POLICIES

Additional resources include research conducted on the safety conditions around schools and the safety effects of the California Safe Routes to School program.



The Transportation Injury Mapping System (TIMS) developed interactive geospatial PDF planning maps for each city and county in California. Maps provide a visual depiction of schools, including school closures and school district boundaries, street-level pedestrian and bicycle collisions, free and reduced price meal eligibility, and past state and federal Safe Routes to School grant awards.

Transportation Injury Mapping System: <http://tims.berkeley.edu/resources/srts/main.php#maps>

Studies conducted by the UC Berkeley Safe Transportation Research & Education Center reveal that the California Safe Routes to School program appears to be associated with a net safety benefit for affected school age students.

SafeTREC Pedestrian and Bicyclist Safety Effects of the California Safe Routes to School Program:
<http://safetrec.berkeley.edu/news/08-2598624Jillsaferoutes.pdf>