

TRANSPORTATION EQUITY ACT FOR THE 21ST CENTURY (TEA-21)
(Phase II)

Summary Descriptions of Projects Nominated for Funding in Sacramento County

CONGESTION MITIGATION & AIR QUALITY (CMAQ)

Project Title: I-5 Traffic Operations System

Entity/Amount: Caltrans / \$5,575,000

Description: The I-5 TOS project is located on Interstate 5 from the Pocket Road interchange to the Interstate 5/80 junction. The proposed project has been developed to address recurrent and non-recurrent congestion on the I-5 corridor in this segment, which is expected to increase from 416,000 to 1,540,000 annual vehicle hours of delay by 2015. The project will significantly reduce congestion on the I-5 mainline by installing ramp metering at 16 locations. In addition, four additional on-ramp lanes and three High Occupancy Vehicle bypass lanes will be constructed to avoid on-ramp queuing from overflowing onto local roads. To manage this segment of I-5 and to provide information to the Regional Transportation Management Center, the project also includes the installation of 10 Traffic Monitoring Stations to monitor speed and volumes, as well as 14 Closed Circuit Television Cameras to provide visual information. This project is expected to produce immediate delay savings that increase to \$4.7 million annually in the year 2015.

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Project Title: Regional Rideshare Program (Sac Co portion)

Entity/Amount: SACOG / \$88,530

Description: The past few years have seen significant improvements in the cost effectiveness of the Rideshare program. Staffing levels have dropped while ride matching services have remained relatively constant. Last year, this led to the first time ever where the cost per vehicle trip eliminated dropped to below \$1. SACOG staff and the TDM Task Force believe that this is a good time to expand our outreach efforts to increase the program's contribution to congestion reduction and air quality improvement in the region. This funding will not be used to increase staffing levels within the Rideshare program. Our recent experience shows that some of our most cost-effective outreach efforts can be done directly with area employers through the Transportation Management Associations (TMA's). Several projects that are anticipated to be implemented with additional funding include: TMA employer outreach efforts, outreach efforts in specifically targeted highway corridors such as US 50 during the current and future construction period, and a school pools pilot project. SACOG staff and the TDM Task Force will also continue to explore the possibility of improving our ride matching database to one that is internet based, can be accessed at all hours, has mapping capabilities, and is much more compatible with today's 24-hour-a-day, 7-day-a-week, computer-based society.

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Project Title: Florin Road Grade Separation

Entity/Amount: Regional Transit / \$1,770,600 (*remaining \$1,770,600 proposed by City of Sacramento*)

Description: Planning and feasibility study work, environmental, engineering, construction engineering, and construction for a grade separation of the proposed light rail crossing and UPRR crossing at Florin Road. The planning and feasibility work will evaluate two alternatives: an LRT overpass at Florin Road, and an undercrossing of Florin Road of the existing UPRR and proposed LRT extension. In the event that the feasibility study work shows that the LRT/UPRR undercrossing is infeasible or uneconomic, the project will consist of the construction of the LRT overcrossing alternative. If the LRT/UPRR undercrossing is feasible, the project will consist of preliminary engineering and environmental work for the undercrossing only.

Benefits:

- Reduce traffic delays resulting from the crossing of 16 freight trains and 130 light rail trains in the future
- Increase pedestrian safety in and around the future Florin Road LRT station, particularly for nearby high school students

Project Title: Downtown-Natomas-Airport Light Rail Extension Project

Entity/Amount: Regional Transit / \$4,426,500

Description: This project would develop an Alternatives Analysis and Draft Environmental Impact Statement for an 11.7-mile transit corridor extending from Downtown Sacramento through the Natomas area to the Sacramento International Airport. The study would investigate alternative alignments and modes to determine the most feasible and cost-effective alternative.

Benefits:

- Provide light rail service to fastest growing part of Sacramento, which includes two major employment/activity centers and a major population center.
- The AA/DEIS work is the first major step in qualifying this project for federal and state funding, effort that Regional Transit must start now to ensure that the project is ready in time to qualify for funding.

Project Title: Bus Stop Improvement Program

Entity/Amount: Regional Transit / \$3,488,082

Description: This project involves the assessment of infrastructure needs for RT's bus stops, and then implementation of the infrastructure recommendations from the assessment. Improvements could include, but not be limited to, installation of non-ad benches, infrastructure improvements for low-floor buses, accessible paths to bus stops, sidewalk improvements, and enhanced lighting at bus stops.

Benefits:

- Addresses ADA issues not resolved with the installation of curb cuts by the appropriate jurisdictional agency.
- Ensures that bus stops are capable of handling the loading and unloading of passengers from the new low-floor buses to be purchased within the next two years.
- Enhances the aesthetics of bus stops to encourage more ridership on RT's bus routes.

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Project Title: Dry Creek Parkway Trail

Entity/Amount: County of Sacramento / \$1,106,625

Description: This project will construct a 5-mile long Class I multi-use trail within the Dry Creek Parkway from the Cherry Island Soccer Complex south to Dry Creek Road in Rio Linda. The project includes installation of RAC Class I trail, several bridges and water-crossings, fences and barriers, signs, rest stops, tree work and restoration. The Dry Creek Parkway trail will be an integral part of the approximately 70-mile regional trails loop currently being developed within Sacramento and Placer Counties. This trail will greatly enhance bicycle commute opportunities, related recreational activities, and serve to improve air quality.

Project Title: Pedestrian Master Plan Implementation-Variou Locations

Entity/Amount: County of Sacramento / \$1,500,000

Description: This project will construct pedestrian facilities and improvements in various locations throughout Sacramento County in accordance with the adopted Sacramento County Pedestrian Master Plan. The project includes improvements to existing corridors to enhance pedestrian safety and

mobility, including sidewalk and walkway construction, pedestrian signal installation, improvements to existing signalized and non-signalized intersections and pedestrian crossings, and other improvements to benefit pedestrian access and safety. This project will improve the continuity of sidewalks and walkways by eliminating gaps in existing facilities; improve access to schools, employment, commercial areas, and other activity centers; significantly reduce the potential for pedestrian/motor vehicle accidents; and have positive impacts on regional air quality by encouraging an increase in walking as an alternative to motor vehicle use.

Project Title: Bikeway Master Plan Implementation Phase 2

Entity/Amount: County of Sacramento / \$1,800,000

Description: This project will construct on-street bikeways in various locations throughout Sacramento County as set forth in the 2010 Sacramento City/County Bikeway Master Plan. The project includes improvements to existing roadways to provide Class II bikeways (bike lanes), including roadway widening to provide paved shoulder areas, the installation of bike lane signing, striping and markings, and improvements to intersections including traffic signal detection for bicycles. The project will improve bicycle mobility by connecting existing on-street bikeways and eliminating gaps that impact the continuity and efficiency of the County bikeway system; improving access to schools, employment, commercial areas, and other activity centers; and significantly reducing the potential for bicycle/motor vehicle accidents. The improvements to bicycle safety, convenience and mobility resulting from this project will encourage an increase in bicycling as an alternative to motor vehicle use and have positive impacts on regional air quality.

Project Title: Neighborhood Shuttle & Transit Feeder Program - Supplemental Funding for Phase 1

Entity/Amount: County of Sacramento / \$456,000

Description: This project provides supplemental CMAQ funding to fully implement TEA 21 Phase 1 Project HAO 1. This project is being implemented through a cooperative agreement with the Sacramento Regional Transit District. Regional Transit has committed additional matching funds to support this project request. The supplemental funds will allow the Neighborhood Shuttle Program to operate for the full three-year demonstration period approved in the Phase 1 application.

Project Title: Neighborhood Shuttle & Transit Feeder Program-Expanded Service Hours

Entity/Amount: County of Sacramento / \$361,000

Description: This project provides for an expansion of evening and weekend service hours for the Del Paso Heights/North Sacramento and Carmichael Neighborhood Shuttle Programs approved as a TEA-21 Phase 1 Project (HAO 1). This is a two-year project, planned for implementation in the second and third years of the program. This project will operate Saturday service in the Del Paso Heights/North Sacramento area and evening service in the Carmichael Area. The expanded hours will provide additional opportunities for area residents to use the bus to get to work, training, school, medical appointments and other activities. This expansion of service hours will meet transit needs identified by the Neighborhood Advisory Committees, and allow area residents to have access to a broad range of activities during evening and weekend hours.

Project Title: Mather Regional Park Trail

Entity/Amount: County of Sacramento / \$300,000

Description: This project will construct 3 miles of Class I RAC trail through the heart of Mather Regional Park. CMAQ funding for the development and design of this project was approved under phase 1 of TEA-21. The Mather Regional Park Bicycle Trail will expand the benefits of an important regional bikeway network by reaching an under-accessed segment of the community and providing a unique opportunity to serve both intermodal transportation and recreational needs. The trail will significantly enhance regional bicycle access, provide a safe and convenient alternative to motor vehicle use, and have far reaching impacts on air quality.

Project Title: Disabled Access to Transit

Entity/Amount: County of Sacramento / \$354,000

Description: This project will construct ADA-compliant curb cuts and driveways, sidewalk repairs and new sidewalk improvements to improve accessibility to existing bus stops along Regional Transit routes identified as having high daily disabled boardings. The project also includes the installation of accessible pedestrian signal buttons at needed locations along these routes, and audible signal warnings and guidestrips to improve access for visually impaired persons. This project will make bus routes more accessible to the large number of disabled riders using them on a daily basis, and increase transit ridership for disabled, elderly and stroller-dependent people. The improved accessibility to the transit system and the resultant increase in ridership will have positive impacts on regional air quality as reliance on motor vehicle travel is reduced.

Project Title: TMA Employer Outreach

Entity/Amount: County of Sacramento / \$106,000

Description: This project will continue and expand TMA programs previously approved for CMAQ funding under TEA-21 Phase 1. The TMA programs reduce motor vehicle trips and the resulting emissions in the region. This project provides for comprehensive public education programs that support, promote and facilitate the use of transportation alternatives. The objectives of the TMA Programs are to provide employers with convenient and effective employee transportation programs that reduce vehicle trips; encourage commuters to use transportation alternatives such as carpooling and vanpooling, buses and light rail, and bicycle commuting; and use the existing transportation system more efficiently.

Project Title: Public Outreach for Highway 50 Corridor Projects

Entity/Amount: County of Sacramento / \$250,000

Description: This project will implement a program to inform Highway 50 users and to promote commute alternatives in conjunction with ongoing construction activity within Highway 50 corridor that will be underway during the next five years. The program will promote and facilitate commute alternatives to help reduce congestion in the corridor. The program will address near-term needs during construction, and serve as a long-term solution to help reduce congestion and improve air quality. Several agencies are currently involved in developing this program, including Sacramento County, SACOG, Regional Transit, the City of Folsom, Caltrans, the Folsom/Rancho Cordova/El Dorado Transportation Management Association, the Franchise Tax Board and El Dorado County.

Project Title: Pedestrian Signal Heads

Entity/Amount: County of Sacramento / \$170,000

Description: This project will install pedestrian signal heads and push buttons at existing arterial street traffic signals in various locations throughout Sacramento County. The project will provide pedestrians with "WALK" and "DON'T WALK" indications rather than the standard vehicle signal indicators. Installation of pedestrian signal heads will also improve overall signal operations and signal timing efficiency by allowing for a separate pedestrian signal phase and eliminating the need for a longer vehicle phase on the arterial streets. This project will improve safety and reduce pedestrian accidents, which will encourage residents to walk rather than drive when traveling to and within the major activity centers served by these intersections. The increase in walking and the improved signal timing efficiency resulting from this project will reduce vehicle delays and congestion, and improve air quality.

Project Title: American River Parkway - Jim Jones Bridge

Entity/Amount: County of Sacramento / \$221,250

Description: This project will construct new approaches to both sides of the Jim Jones Bridge over the American River. This project is needed to avoid seasonal closures of the bridge due to flooding, erosion of the abutments, and costly flood maintenance during high river flows. Currently the bridge approaches descend sharply before rising to the bridge structure. The low spots washout during high flows (four times in the last 5 years), resulting in bridge closures lasting several months at a time. The closures impede commute bicycling and general access to the American River Parkway, requiring cyclists and pedestrians to detour via the Sunrise Bridge. This project would greatly aid both cyclists' and pedestrians' year-round access to this heavily used segment of the Parkway Trail, and reduce maintenance demands.

Project Title: Bicycle/Pedestrian Safety Education Programs

Entity/Amount: County of Sacramento / \$309,000

Description: This project will develop and implement bicycle and pedestrian safety education and promotional programs targeting adults, children and motorists throughout Sacramento County. The project will establish new programs and expand on existing programs provided to elementary schools; develop strategies for educating adult bicyclists and pedestrians; and develop the criteria for evaluating these education programs. The promotional activities to be developed and implemented under this program include publications and promotional materials targeting bicyclists, pedestrians and motorists; coordination with Transportation Management Agencies to promote bicycle and pedestrian safety to employers and commuters; and development of criteria to evaluate these promotional activities. The goals of this project are a 10 percent reduction in bicycle and pedestrian injuries and fatalities, and a 25 percent increase in bicycle and pedestrian use.

Project Title: Interstate 5 Bikeway

Entity/Amount: County of Sacramento / \$88,000

Description: This project proposes to construct an approximately 3.8 mile Class I bikeway along the east side of Interstate 5 between Laguna Boulevard and Freeport Boulevard. The project will connect existing and proposed on and off-street bikeways in the Laguna and Elk Grove areas with the bikeway system in the City of Sacramento, including the Sacramento River trail system. This application requests CMAQ funding for the development and preliminary engineering phases of this project. This project will provide a direct connection between the bikeway systems in Laguna/Elk Grove and the City bikeway system, and reduce bicycle commute trips from the Laguna area by up to 5 miles. The more direct access and reduced travel time, and the increased safety provided by this project, will attract more commuters to choose cycling as an alternative to motor vehicle travel.

Project Title: Transit User Training for Calworks Clients

Entity/Amount: County of Sacramento / \$125,000

Description: This project will test several public transit mobility training and public information outreach strategies for DHA's CalWorks Clients. The project will increase the mobility of CalWorks clients by providing a variety of transit information outreach activities and training to meet the specific needs of the individual clients, and to teach clients how to use the transit system to get to work, training and educational activities. The program contains five components: (1) Twenty Four Hour Trip Planning Telephone Line; (2) Transit Bulletin Boards; (3) Classroom Transit Training; (4) Individual Mobility Training; and (5) Group Mobility Training. The project's Telephone Trip Planning service will also document requests that cannot be served using the existing system. This data gathering process will provide information for future transit planning and service modifications.

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Project Title: Bicycle and Pedestrian Improvements – Various Locations

Entity/Amount: City of Elk Grove / \$650,000

Description: This project will construct bikeway and pedestrian improvements in various locations throughout the City of Elk Grove in accordance with the adopted bicycle and pedestrian master plans and as directed by the City Council. The project includes the construction of Class I (bike paths) and Class II (bike lanes) bikeways; sidewalk and walkway construction; pedestrian signal installation; and improvements to intersections including traffic signal detection for bicycles and other improvements to enhance bicycle and pedestrian safety. The project will improve the continuity of the City's bikeways, sidewalks and walkways by eliminating gaps in existing facilities; improve access to schools, employment, commercial areas, and other activity centers; reduce the potential for bicycle and pedestrian accidents; and improve regional air quality by encouraging an increase in bicycling and walking as alternatives to motor vehicle use.

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Project Title: Bikeways and Bicycle Support Facilities

Entity/Amount: City of Galt / \$1,931,344

Description: The purpose of this project is to establish a safe, interconnected bikeway system throughout the City of Galt. Bikeways will be added to the existing school and overall system to provide critical bicycle linkage between all areas of the City. Improvements will include street pavement widening and resurfacing where required to provide adequate street width for bicycle lanes, installation of support facilities including bike racks, lockers and benches at high use activity centers. This project will establish bicycle lanes on Amador Avenue, Carillion Boulevard, Elm Avenue, Emerald Oak Drive, New Hope Road, Pringle Avenue, Sparrow Drive, and Vintage Oak Avenue. Access between the east and west side of the City, which is divided by the freeway, will be provided by installation of a cantilevered bikeway structure off the side of the existing Amador Avenue overcrossing of State Route 99. Improvements will be in accordance with the City of Galt Bicycle Transportation Plan and the State of California Department of Transportation Standards.

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Project Title: 65th Street Transit Village Planning Study

Entity/Amount: City of Sacramento / \$137,221

Description: Prepare the planning documents necessary to create a mixed use urban transit village in the area surrounding the 65th Street LRT station. The City will prepare land use plans, environmental review and urban design plans for the 105 acre area south of Highway 50.

Project Title: Central City 2 – Way Conversion

Entity/Amount: City of Sacramento / \$1,000,000

Description: Provide preliminary engineering and construction of improvements needed to convert two street segments in the Central City from one-way to two-way. Also provide traffic calming

improvements consistent with the South Midtown Area Revitalization & Transportation (SMART) Plan

Project Title: Florin Rd/ LRT Grade Separation (Pre Eng and Envir)

Entity/Amount: City of Sacramento / \$1,770,600 (*remaining \$1,770,600 proposed by RT*)

Description: Provide for a grade separated crossing of the proposed light rail crossing and UPRR crossing at Florin Rd. This is a joint project with RT.

Project Title: Haggin Oaks Golf Course East Bike Trail (Pre Eng, Envir and Const)

Entity/Amount: City of Sacramento / \$442,650

Description: Design and construct a north-south connection through the Haggin Oaks Golf Facility.

Project Title: I-80 Bicycle Bridge at Bannon Creek/Main Drain (Pre Eng & Envir)

Entity/Amount: City of Sacramento / \$398,385

Description: Provide preliminary engineering for a bicycle and pedestrian crossing of Interstate 80 in the vicinity of Truxel Road.

Project Title: I-80 Bicycle Bridge @ West Canal (Pre Eng, & Envir)

Entity/Amount: City of Sacramento / \$400,000

Description: Provide preliminary engineering for a bicycle and pedestrian crossing of Interstate 80 west of the I-5 and I-80 interchange.

Project Title: Ninos Parkway Phase 2 & 3 Bike Trail (Pre Eng, Envir & Constr)

Entity/Amount: City of Sacramento / \$464,782

Description: Design and construct a continuation of the Ninos Parkway. The new trail will begin at West El Camino and extend north past San Juan Rd to the vicinity of Rio Norte Way. The trail will turn left and follow along the drainage canal for about one-half mile to Rosin Boulevard.

Project Title: Tower Bridge Bike/Pedestrian Improvements (Constr)

Entity/Amount: City of Sacramento / \$2,390,310 (*remaining \$2,390,310 to be provided by W. Sacto*)

Description: Widen the existing sidewalks on the Tower Bridge by six feet to improve pedestrian access between Old Sac and West Sacramento. The funding request is for one-half the cost. West Sacramento is providing the other half.

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Project Title: Bridge / Low Flow Crossing for the Laguna Creek Trail System

Entity/Amount: Elk Grove Community Services District / \$150,500

Description: The Elk Grove Community Services District is applying for funds to assist with the development of the Laguna Creek Trail System. This trail will meander through approximately 13 miles of Elk Grove, and will eventually tie into the American River Parkway, the Folsom South Canal, the Sacramento River, and back into the Laguna Creek Trail. The proposed project is for the construction of a Bridge/Low Flow Crossing across Whitehorse Creek that is being diverted into Laguna Creek. This Bridge/Low Flow Crossing would not only interlink Laguna Creek Parkway trail that is east and west of this project, it would also provide the connection necessary to interlink the Whitehouse Creek trail with the Laguna Creek trail.