

# **2016-2017 OVERALL WORK PROGRAM**

**Amendment No. 2 approved 1-19-2017**



**Kern Council  
of Governments**

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# Kern Council of Governments Board of Directors

The Kern Council of Governments is the regional planning agency as well as the technical and informational resource, and rideshare administrator for the area's 11 incorporated cities and the County of Kern. Following Board direction, staff coordinates between local, state, and federal agencies to avoid overlap or duplication of programs. This intergovernmental coordination enables staff to work with many public agencies to ensure that planning and implementation of programs proceed in a coordinated manner.

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## I. INTRODUCTION

Kern County covers 8,161 square miles at the southern end of California's San Joaquin Valley, ranging west to the southern slope of the Coast Ranges and east beyond the southern slope of the eastern Sierra Nevada into the Mojave Desert. The population was 874,264 in 2015, making it the 11<sup>th</sup> most populous county in the state. The county's economy is heavily linked to agriculture and to petroleum extraction along with a strong aviation, space and military presence, such as Edwards Air Force Base and China Lake Naval Air Weapons Station.

Kern Council of Governments' (Kern COG's) areawide planning program is a continuous, comprehensive and coordinated process involving Kern COG member agencies as well as tribal governments and various state and federal agencies. The program is designed to address regional planning concerns, state and federal funding priorities and state and local comprehensive planning requirements.

Kern COG's Joint Powers Agreement states that Kern COG was established to:

- Provide a forum to discuss and study regional problems of mutual concern to governmental agencies in Kern County;
- Provide for efficiency and economy in governmental operations through the cooperation of member governments and the pooling of common resources;
- Establish an agency responsible for identifying, clarifying and planning for solutions to regional problems;
- Establish an agency capable of developing regional plans and policies and performing area wide planning duties; and
- Facilitate cooperation and agreement among local government bodies for specific projects, interrelated developmental action and the adoption of common policies with respect to issues and problems that are shared by its members.

## **II. STATE AND FEDERAL PROGRAM REQUIREMENTS AND POLICIES**

Kern COG was created in response to the need for a coordinated approach to addressing multi-jurisdictional issues, such as land use, housing, energy, air quality, water quality, transportation, as well as community and economic development. These issues cross jurisdictional boundaries. The regional approach offered by Kern COG provides the comprehensive planning and intergovernmental coordination necessary to address such complex issues.

### **Intergovernmental Coordination**

The 11 incorporated cities and the County government coordinate and cooperate among each other, as well as with other local special district agencies, Kern COG and affected agencies of the state and federal governments. Cooperation in developing general and specific plans is ensured by the joint powers agreement establishing Kern COG. Kern COG members from each jurisdiction are a link between Kern COG staff and the chief administrative officer of each jurisdiction. City and county staff participate fully in functional planning that affects their jurisdiction. Involvement of local staffs in planning projects helps ensure an orderly transition from plan to implementation.

To improve intergovernmental coordination, Kern COG has entered into myriad memorandums of understanding and other cooperative agreements that specify responsibilities of each party, including: the other seven San Joaquin Valley metropolitan planning organizations; San Luis Obispo Council of Governments; Inyo County Local Transportation Commission; Mono County Local Transportation Commission; Southern California Association of Governments and; San Bernardino Associated Governments.

### **Public Participation**

Kern COG's public participation process is designed to encourage both individual and organizational participation in the comprehensive planning process. Early consultation during the planning process is a key element in the development and implementation of an effective regional plan.

Kern COG has agreements with several community-based organizations to encourage participation in the planning process. The Golden Empire Transit District, Consolidated Transportation Service Agency, Social Services Technical Advisory Committee and the Kern Transportation Foundation, for example, were created to address transportation issues and funding options and to educate the community. Kern COG staff serves on these committees.

Consultation in Kern COG's plan development process requires continual communication. The multi-district county and geographic separation of communities creates difficulty in fostering public participation. Despite the hurdles, staff is dedicated to encouraging public participation at every level of project development.



Expanded outreach to nontraditional groups, such as minority and low-income populations (i.e. African-American, Latino, Asian-American, American Indian/Alaskan Native, and Pacific Islander), is a cornerstone of Kern COG's mission. This expanded effort includes many advertising efforts, including newspaper display ads; direct mailings and phone and electronic correspondence.

Faced with geographical and district boundary hurdles, a dual level public participation program has been developed. The communication needs of special interest groups, media, communities, department of transportation districts and air districts are tailored for each geographic area of the region. Kern COG encourages participation from all interested parties, seeks participation from underserved communities and furnishes appropriate auxiliary aids and services when necessary to afford individuals with special needs an equal opportunity for participation.

Kern COG's public participation program, documented in a Council adopted policy statement, is periodically reviewed and updated and may be found at <http://www.kerncog.org/publications/policies-and-procedures>

To get involved in the public participation process, contact Kern COG at 1401 19<sup>th</sup> Street, Suite 300; Bakersfield, CA 93301. Phone: (661) 861-2191 Fax: (661) 324-8215 E-mail: [ahakimi@kerncog.org](mailto:ahakimi@kerncog.org); Home Page: kerncog.org

### **III. LOCAL, STATE AND FEDERAL DESIGNATIONS**

#### **Regional Transportation Planning Agency**

Pursuant to state law, Kern COG is the designated Regional Transportation Planning Agency (RTPA) for the Kern region. Acting in this capacity, Kern COG is responsible for adopting a regional transportation plan and a regional transportation improvement program.

#### **Metropolitan Planning Organization**

As the federally designated Metropolitan Planning Organization (MPO), Kern COG is a forum for cooperative transportation decision-making. Kern COG receives state and federal transportation funds to accomplish regional transportation planning objectives through the activities detailed in the Overall Work Program (OWP).

#### **Transportation Management Area**

The Fixing America's Surface Transportation (FAST) Act designates urbanized areas (as defined by the Bureau of the Census) with populations of over 200,000 as Transportation Management Areas (TMAs). Kern COG is the TMA responsible for designing a congestion management system that provides for effective management and operation of new and existing transportation facilities through the use of travel demand reduction and operational management strategies.

#### **Area-wide Planning Organization**

In accordance with federal law, Kern COG is designated the Areawide Planning Organization (APO) for the Kern region. The Department of Housing and Urban Development (HUD) requires that an APO develop and maintain areawide land use, housing and open space plans.

#### **Local Clearinghouse**

In accordance with Executive Order 12372, Kern COG is designated the Local Clearinghouse for the Kern region. Kern COG's primary responsibility is to review and comment on local applications for state and federal funding assistance.

#### **Affiliate Data Center**

The California Department of Finance has designated Kern COG as the Affiliate State Census Data Center for the Kern region. Kern COG provides assistance to census data users, maintains a publicly accessible collection of Census Bureau reference and determines the need for census workshops within Kern region.

### **Home Mortgage Disclosure Depository**

The Federal Reserve Board has designated Kern COG as the central depository for bank mortgage residential loan reports. Kern COG is required to provide public access to the Home Mortgage Disclosure Act information.

### **Kern County Transportation Authority**

On May 31, 1988, the Kern County Board of Supervisors by Resolution No. 88-466 appointed Kern COG as the Local Transportation Authority, in accordance with Division 19 of the Public Utilities Code (Section 180000 et seq.). Prior to a sales tax initiative for transportation projects being placed on a ballot, Kern COG is to adopt an ordinance that outlines an expenditure plan of transportation projects and a proposed increase in transactions and use taxes.

### **Kern Motorist Aid Authority**

In accordance with Sections 2550, et seq. of the California Streets and Highways Code, the County of Kern and the incorporated cities, the Kern Motorist Aid Authority (KMAA) was created on May 19, 1988. KMAA is authorized to finance, implement, operate and maintain a motorist aid call box system and other services in coordination with the California Department of Transportation and the California Highway Patrol.

### **Kern Congestion Management Agency**

Pursuant to California Government Code Section 65089(a), Kern COG is the designated the Congestion Management Agency (CMA).

## IV. PROGRAMS, PROCESSES AND PLANS

### Transportation Planning Process

Transportation planning within the Kern region is a continuous, comprehensive and cooperative process designed to meet state and federal planning guidelines. Kern COG has been involved in transportation planning since its inception in 1970.

The Fixing America's Surface Transportation (FAST) Act:

encourages and promotes the safe and efficient management, operation, and development of surface transportation systems that will serve the mobility needs of people and freight and foster economic growth and development within and between States and urbanized areas, while minimizing transportation-related fuel consumption and air pollution through metropolitan and statewide transportation planning processes.

Environmental Justice, addressed in Title VI of the 1964 Civil Rights Act, and later reinforced by Executive Order 12898 in 1994, helps to ensure nondiscrimination in federally funded activities.

Also Executive Order 13175--Consultation and Coordination with Indian Tribal Governments helps "to establish regular and meaningful consultation and collaboration with tribal officials."

SB 45 requires that the California Department of Transportation prepare a State Transportation Improvement Program (STIP). State regulations require that the Regional Transportation Plan (RTP) include a transportation system management element that describes how the region intends to guide the movement of goods and people by improving the operation of the transportation system. Kern COG must prepare and adopt a Regional Transportation Improvement Program (RTIP).

An important element of the transportation planning process is the development of transportation policy. Transportation policy is set by the COG Board and is based on technical and policy advice from the following committees:

Transportation Planning Policy Committee (TPPC)

Transportation Technical Advisory Committee (TTAC)

Social Service Transportation Advisory Committee (SSTAC)

Transit Operators Committee (TOC)

Regional Planning Advisory Committee (RPAC)

A discussion of each committee may be found at [www.kerncog.org](http://www.kerncog.org).

## **Disadvantaged Business Enterprises**

The FAST Act maintains the Disadvantaged Business Enterprises (DBE) program, designed to ensure equal opportunity in transportation contracting markets and to address the effects of discrimination in transportation contracting. The program establishes a flexible goal for the participation of disadvantaged business enterprises, including small firms owned and controlled by women and minorities.

## **Regional Plans**

A list of and web link for the major transportation documents that are developed and adopted by Kern COG follows:

Regional Transportation Plan (RTP)

<http://www.kerncog.org/regional-transportation-plan>

Regional Transportation Improvement Plan (RTIP)

<http://www.kerncog.org/regional-transportation-improvement-program>

Federal Transportation Improvement Program (FTIP)

<http://www.kerncog.org/federal-transportation-improvement-program>

Congestion Management Program (CMP)

Part of RTP

Regional Housing Allocation Plan

<http://www.kerncog.org/regional-housing>

Other Transportation-Related Planning Reports and Documents

<http://www.kerncog.org/publications>

## **Certification Process and Criteria**

Pursuant to joint urban transportation planning regulations published in the United States **Federal Register** on October 28, 1993, Kern COG is required to certify that its planning process is executed in conformance with all applicable federal requirements. Based on the certification review conducted by FHWA and FTA in May 2015, the Kern COG transportation planning process is certified as meeting transportation planning requirements.

## V. FEDERAL PLANNING FACTORS & EMPHASIS AREAS, STATE EMPHASIS AREAS AND REGIONAL PLANNING PRIORITIES

### **Federal Planning Emphasis Areas**

With the renewed focus on transportation planning brought about by the FAST Act, Transportation Secretary Foxx and the pending issuance of proposed transportation planning regulations, Federal Highway Administration (FHWA) and Federal Transit Administration's (FTA) Offices of Planning are jointly issuing Planning Emphasis Areas (PEAs). FHWA and FTA representatives will meet with their MPO and State DOT counterparts to discuss these emphasis areas and encourage the MPOs and the States to develop and identify work tasks associated with the planning emphasis areas for inclusion in their upcoming overall planning work programs and statewide planning and research work programs for Federal FY-2017. The planning emphasis areas for Federal FY 2016-17 include the following. *\*Asterisks at the top of work element narratives denote federal and state PEAs that are addressed by that work element.*

#### ***FAST Act Implementation***

- *Transition to Performance-Based Planning and Programming.* The development and implementation of a performance management approach to transportation planning and programming that supports the achievement of transportation system performance outcomes. Performance-based planning and programming includes using transportation performance measures, setting targets, reporting performance, and programming transportation investments directed toward the achievement of transportation system performance outcomes. (Kern COG demonstrates adherence to this principal in the following work elements: 601.1 – Regional Transportation Plan/Congestion Management Process; 601.2 – RTP/CIP – Financial Element; 603.1 Transportation Systems Monitoring and Coordination; 606.1 – Transit Planning; 610.1 and 610.4 – Freight and Freight Rail Planning; 609.1 – Transportation Demand Management);

#### ***Regional Models of Cooperation***

- *Ensure a regional approach to transportation planning by promoting cooperation and coordination across transit agency, MPO and state boundaries* – To improve transportation decision-making, state DOTs, MPOs and public transportation providers are encouraged to think beyond traditional borders and adopt a coordinated approach to transportation planning. A coordinated approach supports common goals and capitalizes on opportunities for project delivery, congestion management, safety, freight, livability and commerce across boundaries. Improved multi-jurisdictional coordination by state DOTs, MPOs, public transportation providers and rural planning organizations (RPO) can reduce project delivery times and improve resource efficiency, particularly in urbanized areas that are served by multiple MPOs. (Kern COG demonstrates adherence to this principal in the following work elements: 101.1 – Air Quality Modeling; 201.2 – Aerial Imagery Program; 601.1 – Regional Transportation Plan/Congestion Management Process; 602.1 – Transportation Improvement Program; 606.6 –

Passenger Rail Program; 610.1 – Freight Planning; 610.4 – Short-Haul Rail Planning; and 906.1 – Interregional Coordination.)

### ***Ladders of Opportunity***

• *Access to Essential Services* – State DOTs, MPOs and public transportation providers are encouraged to identify transportation connectivity gaps in accessing essential services. Essential services include employment, health care, schools/education and recreation. Examples include: evaluating the effectiveness of public participation plans for engaging transportation disadvantaged communities in the transportation decision-making process; updating the Section 5310 Coordinated Human Service Public Transportation Plans; assessing the safety and condition of pedestrian and bicycle facilities; and evaluating compliance with Americans with Disabilities Act, particularly around schools, concentrations of disadvantaged populations, social services, medical, and transit facilities.. (Kern COG demonstrates adherence to this principal in the following work elements: 203.4 – Community Design; 204.1 – SB 375 Implementation; 601.1 – Regional Transportation Plan/Congestion Management Process; 601.2 – RTP/CIP – Financial Element; 603.1 Transportation Systems Monitoring and Coordination; 606.1 – Transit Planning; 606.6 – Passenger Rail Program; 606.7 Metro Bakersfield Long-Range Transit Plan; 610.1 and 610.4 – Freight and Freight Rail Planning; 609.1 – Transportation Demand Management; and 3002.1 – Kern Energy Watch Program.)

### **California Planning Emphasis Areas (CA PEAs)**

The FHWA California Division and Federal Transit Administration (FTA) Region IX have determined that the areas of emphasis for California’s transportation planning and air quality program in Federal FY 2017 are:

- Improve the resiliency and reliability of the transportation system  
(601.1– Regional Transportation Plan/Congestion Management Process; 602.1 – Transportation Improvement Program; 606.1 – Transit Planning; 609.1 – Transportation Demand Management; 610.1 and 610.4 – Freight and Freight Rail Planning)
- Reduce or mitigate storm water impacts of surface transportation  
(601.1 – Regional Transportation Plan/Congestion Management Process; 601.2 – RTP/CIP – Financial Element; 603.1 Transportation Systems Monitoring and Coordination; 606.1 – Transit Planning; 610.1 and 610.4 – Freight and Freight Rail Planning)
- Enhance travel and tourism  
(601.1 – Regional Transportation Plan/Congestion Management Process; 601.2 – RTP/CIP – Financial Element; 605.1, Corridor/Major Investments Studies; 606.1 – Transit Planning; 608.1 Bicycle Planning; 608.2 Pedestrian Transportation Planning; 609.1 – Transportation Demand Management; 610.1 and 610.4 – Freight and Freight Rail Planning; and others.)

## **Core Planning Functions**

MPOs are reminded that their Overall Work Programs (OWP) must identify the Core Planning Functions and what work will be done during the program year to advance those functions. The Core Functions typically include:

- Overall Work Program
- Public Participation and Education
- Regional Transportation Plan
- Federal Transportation Improvement Program
- Congestion Management Process (required for TMAs)
- Annual Listing of Projects

The Fixing America's Surface Transportation (FAST) Act legislation provided metropolitan transportation planning program funding for the integration of transportation planning processes in the MPA (i.e. rail, airports, seaports, intermodal facilities, public highways and transit, bicycle and pedestrian, etc.) into a unified metropolitan transportation planning process, culminating in the preparation of a multimodal transportation plan for the MPA. FHWA and FTA request that all Metropolitan Planning Organizations (MPOs) review the Overall Work Plan (OWP) development process to ensure all activities and products mandated by the metropolitan transportation planning regulations in 23 CFR 450 are a priority for FHWA and FTA combined planning grant funding available to the region. The MPO OWP work elements and subsequent work tasks must be developed in sufficient detail (i.e. activity description, products, schedule, cost, etc.) to clearly explain the purpose and results of the work to be accomplished, including how they support the Federal transportation planning process (see 23 CFR 420.111 for documentation requirements for FHWA Planning funds).

## **Performance Management**

Since FAST Act was passed in 2015, Caltrans and most of California's MPOs have developed performance measures that inform their Regional Transportation Plans (RTPs) and Federal Transportation Improvement Programs (FTIPs). The objective of the performance- and outcome-based program is for states and MPOs to invest resources in projects that collectively will make progress toward the achievement of the national goals. The FAST Act requires the DOT, in consultation with states, metropolitan planning organizations (MPOs), and other stakeholders, to establish performance measures in the areas listed below:

- **Safety** - To achieve a significant reduction in traffic fatalities and serious injuries on all public roads.
- **Infrastructure condition** - To maintain the highway infrastructure asset system in a state of good repair



- **Congestion reduction** - To achieve a significant reduction in congestion on the National Highway System
- **System reliability** - To improve the efficiency of the surface transportation system
- **Freight movement and economic vitality** - To improve the national freight network, strengthen the ability of rural communities to access national and international trade markets and support regional economic development.
- **Environmental sustainability** - To enhance the performance of the transportation system while protecting and enhancing the natural environment.
- **Reduced project delivery delays** - To reduce project costs, promote jobs and the economy and expedite the movement of people and goods by accelerating project completion through eliminating delays in the project development and delivery process, including reducing regulatory burdens and improving agencies' work practices

Although the final rulemaking is not yet completed, the FHWA and FTA want each MPO to explicitly identify their process for determining performance targets and measures within their Overall Work Programs for FY 2017.

### **State of Good Repair**

MPOs are required to evaluate their transportation system to assess the capital investment needed to maintain a state of good repair for the region's transportation facilities and equipment. MPOs shall coordinate with the transit providers in their region to incorporate the Transit Asset Management Plans (TAMs) prepared by the transit providers into the Region Transportation Plan (RTP). Analysis of state of good repair needs and investments shall be part of any RTP update, and must be included in the Overall Work Program task for developing the Regional Transportation Plan. MPOs are expected to regularly coordinate with transit operators to evaluate current information on the state of transit assets; to understand the transit operators transit asset management plans; and to ensure that the transit operators are continually providing transit asset information to support the MPO planning process.

### **Regional Planning Priorities**

The Overall Work Program (OWP) addresses issues and concerns identified by state and federal agencies providing resources to Kern COG. In addition, the OWP addresses concerns identified by Kern COG and its member agencies during program development. The following projects and programs are deemed regional priorities for FY 2016/2017:

- 1) Sustainable Communities Strategy implementation;
- 2) Congestion management;

- 3) State of Good Repair investments;
- 4) Freight movement;
- 5) Climate change.

## **VI. WORK ELEMENTS**

## **100 ENVIRONMENT**

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Recognition of the vital relationship between the environment and all living things has triggered planning and environmental concerns. A special emphasis has been placed on air quality and the problems of pollution control. Air and water quality must be protected. Land uses are related to every human activity and are intricately interwoven with environmental issues. Identifying and analyzing problems, which adversely affect the environment, and developing solutions to mitigate causes, is a part of the comprehensive planning process.

Conservation of natural resources is as important to the Kern region as it is to the rest of the world. This issue is recognized as a critical element in the planning process.

## **Kern Council of Governments**

### **OVERALL WORK PROGRAM – FY 2016/2017**

#### **Work Element # 101.1 – AIR QUALITY MODELING/TRANSPORTATION MANAGEMENT**

##### **Purpose & Goal\*\***

Maintain an active planning program to reduce transportation emissions and improve regional air quality through transportation system management.

\*\* Meets the following Federal Planning Emphasis Areas: Models of Regional Planning Cooperation.

##### **Previous Work**

1. Conformity analyses for Regional Transportation Plan and Federal Transportation Improvement Program since 1990;
2. Transportation/air quality consultation procedures updates;
3. Use of EMFAC emissions modeling;
4. Development of latest planning assumptions for conformity; and
5. Identification and tracking of transportation system management strategies.

##### **Study Design (Tasks and Responsible Agencies)**

1. Administer Air Quality Modeling/Transportation Management Program;
2. Coordinate activities and provide staff support for transportation air quality, as required for the Air Quality Attainment Plans in Kern County;
3. Participate with SJVAPCD/Kern APCD in preparing transportation components of the State Implementation Plan (SIP);
4. Maintain a conformity program for transportation plans, programs, and projects with the State Implementation Plan (SIP), as required by the Federal Clean Air Act Amendments of 1990;
5. Monitor and implement federal air quality regulations;
6. Monitor transportation/air quality programs to determine needs for transportation and air quality modeling;
7. Review plans and programs for conformity with state and federal clean air acts, conduct necessary modeling, and maintain data and documentation;
8. Assist air districts in developing mobile source emission inventories;
9. Attend interregional model coordinating meetings and statewide air quality meetings;
10. Participate in air quality working groups as required;
11. Provide modeling of transportation programs, plans, and projects; and
12. Meet and consult with various agencies during updates of EMFAC, CUBE, and other modeling software.

##### **End Products (Schedule)**

1. Air Quality Conformity Analysis for plans, programs and amendments. (as required.) (\$9,200).

2. RTP/FTIP, document updates and associated conformity analyses and determinations. (even-numbered year as required) (\$9,200).
3. Conformity SIP program. (as required by Air District schedules) (\$9,200).
4. Air Quality Modeling Output Using EMFAC. (as required for RTP/FTIP amendments & updates) (\$9,200).

## Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$18,342				\$18,341					\$36,683	\$2,104	\$0	\$2,104	\$0
Consultant										\$0				
Capital										\$0				
Total	\$18,342	\$0	\$0	\$0	\$18,341	\$0	\$0	\$0	\$0	\$36,683	\$2,104	\$0	\$2,104	\$0

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element # 101.2 - AIR QUALITY PUBLIC OUTREACH PROGRAM

##### **Purpose & Goal**

Implement an air quality improvement public outreach campaign that conforms to adopted reasonably available control measures. Provide education and outreach to elementary school students in Kern County regarding transportation and air quality that conforms with the California state science content standards.

##### **Previous Work**

1. Created and distributed a bicycle/pedestrian safety video for schools/businesses promoting safe methods to share the road. (January 2016)
2. Created outdoor advertising campaign promoting bicycle and pedestrian safety. (May 2015)
3. Sponsored Bike Bakersfield to develop a Bicycle Route Map for the greater Bakersfield region and Kern Green's Idle Reduction Program in elementary schools. (March 2014)
4. Distributed "What 'Matters' Most" kits to more than 60 schools throughout the county. (Nov. 2014)
5. Created, produced and distributed a "Road to Discovery" spring activity ("What Matters Most") for Clean Air Month. (May 2013)
6. Distributed The Road to Discovery classroom materials to each sixth-grade teacher in Kern County. (2010-2013)
7. Produced accompanying materials, including worksheets, recognition certificates and gold seals, book covers, an introductory letter and a web page for the Kern Council of Governments' website (2009-2013)
8. Produced "The Road to Discovery-Cleaner Air" DVD for sixth-grade science teachers. (2008-2009)

##### **Study Design (Tasks and Responsible Agencies)**

1. Update the website, [www.kerncog.org/science](http://www.kerncog.org/science) as appropriate with new information, schedules and participant recognition.
2. Add link/page to CommuteKern website, [www.commutekern.org](http://www.commutekern.org) to promote bicycle/pedestrian safety.
3. Clean Air Month Activity: Distribute new educational video to help improve pedestrian and bicyclist safety throughout Kern County; and
4. Create PSAs from the safety video for local television as well as during outreach events and public presentations encouraging people to walk or bicycle.

##### **End Products (Schedule)**

1. Clean Air Month materials distributed to school sites. (April 2017)

2. Distribute any remaining “Road to Discovery-Cleaner Air” and “What ‘Matters’ Most” classroom materials, such as work sheets, material boxes and DVDs as requested by local schools. (November 2016)
3. Bicycle/Pedestrian Safety advertisements placed with outdoor advertising entities. (May 2017)
4. School presentations conducted to promote safe bicycling and walking. (May/October 2016)
5. Distribute Bicycle/Pedestrian Safety DVDs. (as requested)

## Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG									\$19,551	\$19,551	\$0	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,551	\$19,551	\$0	\$0	\$0	\$0



**Kern Council of Governments**

**OVERALL WORK PROGRAM – FY 2016/2017**

**Work Element # 102.1 – WATER MONITORING PROGRAM**

**Purpose & Goal**

Monitor ongoing Kern County Groundwater Committee programs to provide assistance or data as needed. Monitor the Kern Integrated Regional Water Management Plan (IRWMP) and its relationship with the Regional Transportation Plan/Sustainable Communities Strategy.

**Previous Work**

1. West Bakersfield Groundwater Toxics Management Study undertaken by California State University, Fresno in 1988-89.
2. Integrated Regional Water Management Plans.
3. Water quality monitoring integration in Kern Regional Blueprint (2008).
4. Water quality monitoring integration in the 2014 Regional Transportation Plan/Sustainable Communities Strategy.

**Study Design (Tasks & Responsible Agency)**

1. Monitor the Kern County Groundwater Committee and provide assistance upon request.
2. Monitor Integrated Regional Water Management Plans.
3. Maintain Kern COG’s repository of southern San Joaquin Valley region water quality studies and documents.
4. Participate in Southern California Water Committee, Inc. activities.

**End Products (Schedule)**

1. Document water quality monitoring activities and report to the Board of Directors as needed. (ongoing).

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG									\$5,835	\$5,835	\$0	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,835	\$5,835	\$0	\$0	\$0	\$0

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element #103.1 – ENVIRONMENTAL REVIEW PROGRAM

#### Purpose & Goal

In accordance with 2014 Regional Transportation Plan and Environmental Impact Report, streamline Kern COG’s review of local government agency environmental documents to convey regional planning impacts. This pertains to discretionary development projects requiring general plan amendments and/or zone changes, general plan updates and other master plan updates.

#### Previous Work

1. Review and comment on regional projects’ environmental documents that impact the 2014 Regional Transportation Plan.
2. Develop response letter for Local Agency Formation Commission inquiries.
3. Develop response letter for regional projects’ environmental documents.

#### Study Design (Tasks & Responsible Agency)

1. Review and comment on Local Agency Formation Commission inquiries.
2. Review and comment on regionally significant environmental documents.

#### End Products (Schedule)

1. Review letters responding to Local Agency Formation Commission inquiries.
2. Review letters responding to regionally significant environmental documents.

#### Revenue Budget

AGENCY	FHWA				FTA				TOTAL	TOLL CREDITS NOT REVENUE				
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM		Local	PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$14,911				\$14,910					\$29,821	\$1,710	\$0	\$1,710	\$0
Consultant										\$0				
Capital										\$0				
<b>Total</b>	<b>\$14,911</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$14,910</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$29,821</b>	<b>\$1,710</b>	<b>\$0</b>	<b>\$1,710</b>	<b>\$0</b>

## **200 COMMUNITY DEVELOPMENT**

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Development of communities that are compact, energy efficient and designed to reduce air and noise pollution, pose problems for both government agencies and development interests. Land management and livable community concepts address many of these issues and contribute to a new perspective on housing and land use as they relate to the environment and quality of life in the Kern region.

## **Kern Council of Governments**

### **OVERALL WORK PROGRAM – FY 2016/2017**

#### **Work Element # 201.1 - COMMUNITY AND ENVIRONMENTAL INVENTORY MAPPING SYSTEM**

##### **Purpose & Goal**

To prepare and consolidate a comprehensive community and environmental planning inventory and quickly identify environmental factors in plans, programs, and studies through Geographic Information Systems (GIS).

##### **Previous Work**

1. San Joaquin Valley Regional GIS Standards Project;
2. Kern Geographic Information Network (Kern GEONET) MOU;
3. Kern GEONET Work Plan;
4. Kern COG GIS Program;
5. Valleywide GIS Project;
6. Kern GEODATA Catalog;
7. Kern County Street Centerline File Project;
8. Kern Master Environmental Assessment Resources (MEAR);
9. Kern Airport Safety Zones;
10. Kern Blueprint Subregional Planning Areas.

##### **Study Design (Tasks & Responsible Agency)**

1. Identify, compile and maintain environmental map data in a single database;
2. Provide assistance to the Geographic Information Advisory Committee (GIAC)/Kern GEONET;
3. Compile updated general plan land-use information from member agencies for land-use modeling;
4. Continued maintenance of Enterprise GIS database;
5. Provide assistance in updating the traffic demand model.

##### **End Products (Schedule)**

1. Update agency GIS data holdings. (June 2017) (\$55,000).
2. GIS analysis of the RTP/environmental document update for mapping transportation projects, location, safety, environmental justice, and congestion management. (on even-numbered years Dec. 2017) (\$55,000).
3. GIS studies (\$55,000).
4. Use general plan land-use information from member agencies for land-use modeling inputs (June 2017) (\$55,000).

# Revenue Budget

AGENCY	FHWA				FTA			STIP PFM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$101,163				\$101,163					\$202,326	\$11,603	\$0	\$11,603	\$0
Consultant										\$0				
Capital										\$0				
Total	\$101,163	\$0	\$0	\$0	\$101,163	\$0	\$0	\$0	\$0	\$202,326	\$11,603	\$0	\$11,603	\$0

**Kern Council of Governments**

**OVERALL WORK PROGRAM – FY 2016/2017**

**Work Element # 201.2 - MULTI-AGENCY AERIAL IMAGERY PROGRAM**

**Purpose & Goal\*\***

To efficiently provide and distribute high-resolution aerial imagery required to prepare transportation project study reports and environmental impact reports while eliminating overlapping purchases of aerial photography by agencies in the Kern region.

\*\* Meets the following Federal Planning Emphasis Areas: Models of Regional Planning Cooperation.

**Previous Work**

1. Kern Multi-Agency Aerial Imagery Project (2000, 2008, 2010, 2014);
2. Kern GEONET multi-agency budget;
3. Kern multi-agency aerial imagery memorandum of understanding;
4. Shared Kern County imagery server;
5. Archive historical imagery for Kern County.

**Study Design (Tasks and Responsible Agencies)**

1. Provide oversight and coordinate partnership activity;
2. Distribute current and historical aerial imagery.

**End Products (Schedule)**

1. Enhance historical imagery for use with modern mapping software (June 2017) (\$18,250).

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG									\$16,091	\$16,091	\$0	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,091	\$16,091	\$0	\$0	\$0	\$0

## **Kern Council of Governments**

### **OVERALL WORK PROGRAM – FY 2016/2017**

#### **Work Element # 201.3 – MAPPING SERVICES AND TECHNICAL SUPPORT**

##### **Purpose & Goal**

To collaborate and coordinate on comprehensive mapping projects, services, training and technical support to local agencies and other entities as needed and to enhance transportation planning and security in the region.

##### **Previous Work**

1. Maricopa mapping project;
2. Kern Geographic Information Network (Kern GEONET) MOU;
3. Kern multi-agency aerial imagery project;
4. Kern GEONET work plan;
5. Valleywide GIS project;
6. Kern County Street Centerline project;
7. Wasco, Shafter, and Ridgecrest mapping agreements;
8. Eastern Kern Resource Conservation District project;
9. Kern County Water Agency project; and
10. Special district and community mapping services.
11. Catalog mapping information for public use airports. (November 2015)

##### **Study Design (Tasks & Responsible Agency)**

1. Participate in and provide input on local, statewide and federal GIS coordination (CGIA);
2. Coordinate with local emergency response agencies and public transportation providers for transportation security;
3. Develop and support mapping agreements with member agencies;
4. Generate maps in response to community/public requests;
5. Coordinate the Kern Geographic Information Network (Kern GEONET);
6. Assist in identifying natural hazard and security mapping.

##### **End Products (Schedule)**

1. Member agency mapping service agreements. (as requested) (\$15,713).
2. Online member agency mapping application. (ongoing) (\$15,713).
3. Digital consolidated land use map update. (ongoing) (\$15,713).

# Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$29,680			\$29,680					\$59,360	\$0	\$3,404	\$3,404	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$29,680	\$0	\$0	\$29,680	\$0	\$0	\$0	\$0	\$59,360	\$0	\$3,404	\$3,404	\$0



## **Kern Council of Governments**

### **OVERALL WORK PROGRAM – FY 2016/17**

#### **Work Element # 203.4 – COMMUNITY DESIGN CONCEPTS**

##### **Purpose & Goal\***

To demonstrate how new community design concepts and transit contribute to improving communities through an active and participatory planning process resulting in transit facilities that are customer-friendly, community-oriented and promote local land use and transportation policies supportive of transit.

\* Meets the following Federal Planning Emphasis Areas: Ladders of Opportunity.

##### **Previous Work**

1. 1994, 1996, 1998, 2000, 2004, 2007, 2011 and 2014 Regional Transportation Plan/Sustainable Community Strategy, inclusive of Congestion Management Program;
2. Kern Transportation Foundation Transportation Forum;
3. Analysis of Impediments to fair housing choices;
4. Visualizations for member agencies, transit centers, and transit-oriented development (TOD).
5. Housing Needs Data for the RTP/Sustainable Community Strategy, which coordinates land use with transit investments.
6. Identify transit centers in 2015 Metropolitan Bakersfield Transit Center Study.

##### **Study Design (Tasks & Responsible Agency)**

1. Incorporate livable communities elements into ongoing planning work programs, such as the Regional Transportation Plan/SCS, and other planning, MTIS and corridor studies;
2. Assist local agencies in exploring opportunities available through livable communities;
3. Assist local agencies in developing Active Transportation and Sustainable Communities Strategies;
4. Attend smart growth, sustainable and/or livable communities, Clean Cities Coalition and Active Transportation Program workshops and conferences.
5. Support for High Speed Rail Station Area Plan.

##### **End Products (Schedule)**

1. Workshops and public information reports. (as needed) (\$61,489)
2. Community visualizations (as needed) (\$25,000)

# Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$27,015				\$27,014					\$54,029	\$4,819	\$0	\$4,819	\$0
Consultant	\$15,000				\$15,000					\$30,000				
Capital										\$0				
Total	\$42,015	\$0	\$0	\$0	\$42,014	\$0	\$0	\$0	\$0	\$84,029	\$4,819	\$0	\$4,819	\$0

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element #204.1 – CLIMATE CHANGE PROGRAM

##### Purpose & Goal\*

To position Kern COG and its member agencies to meet the goals and objectives of California Senate Bill 375 within the prescribed time frame.

\* Meets the following Federal Planning Emphasis Areas: Ladders of Opportunity.

##### Previous Work

1. Established Kern Climate Change Task Force (KCCTF) (Oct. 2008); and
2. Kern Climate Change Summit (Feb. 2009).
3. Participated in the CARB-prescribed SB 375 implementation process;
4. Propose climate change target to California Air Resources Board. (2009)

##### Study Design (Tasks & Responsible Agency)

1. Prepare the planning and programming structure to meet targets;
2. Coordinate with other San Joaquin Valley Counties/MPOs on meeting targets;
3. Track and provide comments on regulatory changes;
4. Meet with member agencies and stakeholder group to determine implementation issues and interests;
5. Develop and evaluate GHG measurement indicators;
6. Review and comment on ARB technical information and updates regarding targets;
7. Prepare staff reports providing updates on GHG targets;
8. Conduct public meetings and hearing as required;
9. Conduct modeling as required.

##### End Products (Schedule)

1. Report on target updates. (\$20,000)

##### Revenue Budget

AGENCY	FHWA				FTA			STIP PFM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$32,114				\$32,113					\$64,227	\$3,683	\$0	\$3,683	\$0
Consultant										\$0				
Capital										\$0				
<b>Total</b>	<b>\$32,114</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$32,113</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$64,227</b>	<b>\$3,683</b>	<b>\$0</b>	<b>\$3,683</b>	<b>\$0</b>

### **300 ECONOMIC DEVELOPMENT**

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The economic climate of the Kern region is a vital element in the well-being of the area. Housing, land use and transportation are directly related to the economic condition of the area.

The strengthening of the economic climate will assist in developing a balanced multi modal transportation system that is designed to contribute to the attainment of air quality and other environmental goals; to provide reasonable and affordable transportation for the elderly, handicapped and disadvantaged.

No projects are programmed in FY 2016-2017.

## **400 HEALTH**

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Kern COG is concerned about any adverse effects its policies and programs might have on community health and related issues. All activities are carefully reviewed for potential impacts on community health. In addition, Kern COG attempts to take advantage of all opportunities to improve and protect public health through its environmental and other projects.

Kern COG also considers health and related issues in its role as area wide clearinghouse.

No projects are programmed in FY 2016-2017.

## **500 SAFETY AND JUSTICE**

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Kern COG has a responsibility to ensure its programs and policies protect public safety and promote justice. These general goals are an integral part of each of Kern COG's programs.

Kern COG is responsible for ensuring that land use policies in the vicinity of public use airports protect public safety. The area-wide housing plan is intended to promote policies that encourage the provision of a safe and pleasant community environment for all. Kern COG's transportation planning policies promote a safe means of travel for all segments of society.

No projects are programmed in FY 2016-2017.

## **600 INTERMODAL TRANSPORTATION PLANNING**

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Kern COG is responsible for managing a continuous, cooperative and comprehensive transportation planning process and program. The Regional Transportation Plan is the key long-range planning document for ensuring integrated transportation system improvements meets the challenge of a mobile society today and in the future.

The Kern regional transportation program addresses all modes and unique needs of a vast and diverse region. Transportation is related to land use, housing, recreation, open space and resource conservation. The elements are a part of both the process and plan. The regional transportation planning process places emphasis on service level improvement for all modes and refinement of the relationship of each mode to the overall transportation plan.

## **Kern Council of Governments**

### **OVERALL WORK PROGRAM – FY 2016/2017**

#### **Work Element # 601.1 – REGIONAL TRANSPORTATION PLAN / CONGESTION MANAGEMENT PROCESS**

##### **Purpose & Goal\* \*\***

On a four-year cycle, amend and update the Regional Transportation Plan (RTP) to address short- and long-term multi-modal transportation needs over a 20-year timeframe in compliance with applicable federal and state requirements, using an integrated document approach. Some of the requirements addressed by the RTP include Federal Code Title 23 Part 450.320 congestion management process (CMP) and California Government Code Sec. 65080(b)(2) sustainable communities strategy (SCS).

\*Meets the following planning emphasis areas for California: Improve the resiliency and reliability of the transportation system; Reduce or mitigate storm water impacts of surface transportation and; Enhance travel and tourism.

\*\* Meets the following Federal Planning Emphasis Areas: Federal Authorization Bill Implementation; Models of Regional Planning Cooperation and Ladders of Opportunity.

##### **Previous Work**

1. 1998, 2000, 2004, 2007, 2011 and 2014 RTPs, inclusive of Program Environmental Impact Reports;
2. 1998, 2000, 2002, 2004, 2007, 2009, 2011 and 2013 Regional Transportation Improvement Programs;
3. 1991, 1998, and 2011 Congestion Management Program;
4. 1997 Metropolitan Bakersfield Major Transportation Investment Study;
5. 2011 Metropolitan Bakersfield Long-Range Transit Plan;
6. 2002 Metro Bakersfield System Study; Thomas Roads Improvement Program;
7. San Joaquin Valley Goods Movement Plan (Phases I-III); Kern Truck Origin/Destination Study Series (Phases I-III);
8. 2014 Regional Transportation Plan/Sustainable Communities Action Element (July 2014);
9. 2014 Regional Transportation Plan Environmental Impact Report (July 2014);
10. Federal approval of the 2015 Federal Transportation Improvement Program and related Conformity Analysis leading to acceptance of the 2014 Regional Transportation Plan (December 2014)
11. California Air Resources Board acceptance of the Sustainable Communities Strategy (July 2015)

##### **Study Design (Tasks & Responsible Agency)**

1. Implement the four-year cycle update process for the RTP/SCS, including: revised modeling, public workshops, Capital Improvement Program (CIP) list development, mapping, visualizations and element updates (Kern COG).



2. Comply with the provisions of the California Environmental Quality Act, including applicable sections of federal laws, such as Section 404 of the Federal Clean Water Act. (Consultant);
3. Review and revise conformity analysis, as necessary and re-adopt resolution documenting air quality conformity (Kern COG);
4. Conduct ongoing public outreach activities to identify public and private local transportation issues, transportation options, recommended actions, and implementation programs (Kern COG);
5. Review RTP guidelines and updates to maintain compliance with state and federal mandates, goals, policies and implementing actions of the RTP (Kern COG);
6. Review local agencies' plans and programs to update regional transportation management systems' inventories (Kern COG);
7. Assess plans for transportation-related energy conservation measures that meet Climate Action Plan goals and objectives (Kern COG);
8. Update regional transportation facilities and corridors forecasts to preserve rights-of-way (Kern COG);
9. Assess the intermodal feasibility of proposed: aviation, highway, public transit, goods movement and non-motorized transportation projects. Continue to monitor and update proposed at-grade and grade-separated rail safety projects (Kern COG);
10. Assess transit service connectivity to regional Amtrak stations and high-speed rail service.
11. Identify short- and long-range strategies and actions to meet projected demands (Kern COG);
12. Identify and assess long-range transportation funding strategies;
13. Address federal planning factors (Kern COG);
14. In collaboration with safety officials and law enforcement, assess transportation network safety and security issues (Kern COG);
15. In collaboration with transit operators, evaluate transit issues when amending and/or updating the RTP (Kern COG);
16. Amend Freight Movement analyses findings, as well as ITS studies, into the RTP (Kern COG);
17. Evaluate the federal congestion management process for consistency with the Regional Transportation Plan (Kern COG);
18. Coordinate the system planning process with Caltrans (Kern COG);
19. Assist local agencies and Caltrans in evaluating transportation facilities' management and operations (Kern COG);
20. Determine a means to address federal surface transportation funding requirements for ground access improvements (Kern COG);
21. Research and coordinate with member agencies to implement the 2014 Regional Transportation Plan; and
22. If required, revise, amend and update the 2014 Regional Transportation Plan, assuring compliance with state and federal air quality requirements (California Clean Air Act, Federal Clean Air Act Amendments of 1990, and State Implementation Plan) as well as the Air Quality Attainment Plan adopted by the Kern APCD (Kern COG).

## End Products (Schedule)

1. Regional Transportation Plan Amendment(s), including environmental document, as required (June 2017). (\$121,000)
2. Transportation funding environmental document (October 2017) (\$125,000).

## Revenue Budget

AGENCY	FHWA				FTA				TOTAL	TOLL CREDITS NOT REVENUE				
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM		Local	PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$98,075				\$40,685					\$138,760	\$11,249	\$0	\$4,667	\$0
Consultant								\$125,000		\$125,000				
Capital										\$0				
Total	\$98,075	\$0	\$0	\$0	\$40,685	\$0	\$0	\$125,000	\$0	\$263,760	\$11,249	\$0	\$4,667	\$0

## **Kern Council of Governments**

### **OVERALL WORK PROGRAM – FY 2016-17**

#### **Work Element # 601.2 – RTP/CIP FINANCIAL ELEMENT**

##### **Purpose & Goal\* \*\***

Revise, amend and implement the action and financial elements (Capital Improvement Program) of the Regional Transportation Plan (RTP) to address short and long-term financial planning over a minimum 20-year timeframe.

\*Meets the following planning emphasis areas for California: Reduce or mitigate storm water impacts of surface transportation and; Enhance travel and tourism.

\*\* Meets the following Federal Planning Emphasis Areas: MAP-21 Implementation and Ladders of Opportunity.

##### **Previous Work**

1. 2011, 2014 and 2018 RTPs, inclusive of program environmental impact reports;
2. 2011, 2013 and 2015 Federal Transportation Improvement Programs;
3. San Joaquin Valley Transportation Control Measures Program, January 1994;
4. Congestion Management Program, updated 2011;
5. Kern Data publication;
6. Metropolitan Transportation Investment Study;
7. Central California Aviation System Plan (CCASP); and
8. Other Kern COG planning studies.

##### **Study Design (Tasks & Responsible Agency)**

1. Revise, update and amend the 2018 RTP financial element/Capital Improvement Program (CIP) as needed;
2. Update the financial element narrative component to better define the process;
3. Update the CIP analysis to support transportation demand management and transportation control measures;
4. Coordinate transportation demand management actions and transportation control measures to meet needs of major capital improvements;
5. Update funding strategies and actions to meet projected financial demand and shortfall;
6. Maintain a prioritized list of aviation, highway, street and road, public transit, goods movement and non-motorized projects, as well as intermodal options, for the region;
7. Develop data for available transportation funding options with private sector participation;
8. Develop financial nexus for future corridor and subarea studies, such as Bakersfield System Study and high speed rail analysis; and
9. Develop the CIP based on updated lists of transportation projects.

**End Products (Schedule)**

1. Financial element/Capital Improvement Program amendments as necessary to maintain compatibility with other elements of the 2014 RTP. (June 2017)
2. Update Financial element / Capital Improvement Program for Draft 2018 RTP (June 2017) (\$58,450).

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$20,707					\$18,881				\$39,588	\$2,375	\$0	\$0	\$2,166
Consultant										\$0				
Capital										\$0				
Total	\$20,707	\$0	\$0	\$0	\$0	\$18,881	\$0	\$0	\$0	\$39,588	\$2,375	\$0	\$0	\$2,166

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element # 601.3 – REGIONAL TRANSPORTATION PLAN OUTREACH

##### Purpose & Goal

To gain public input on the Regional Transportation Plan/Sustainable Community Strategy process.

##### Previous Work

1. Public workshops;
2. Website and newspaper advertising;
3. Community meetings; and
4. Regional community survey.

##### Study Design (Tasks & Responsible Agency)

1. Produce and implement public workshop content and structure;
2. Develop materials to advertise workshops as needed;
3. Attend workshops;
4. Survey workshop attendees;
5. Regional community survey;
6. Produce public outreach reports;
7. Continue coordination with the Tejon Indian Tribe and tribal communities generally for the RTP development process; and
8. Continue coordination of the Environmental Justice Task Force as part of the RTP development process.

##### End Products (Schedule)

1. Community festivals. (July 2016 – June 2017) (\$64,326).
2. Newspaper advertising. (July 2016 – June 2017) (\$3,000)
3. Public workshops and community meetings. (July 2016 – June 2017) (\$64,326)
4. Regional community survey. (Consultant) (April 2017) (\$70,000)

##### Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	QMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$107,318								\$30,500	\$137,818	\$26,073	\$0	\$0	\$0
Consultant	\$120,000									\$120,000				
Capital										\$0				
Total	\$227,318	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,500	\$257,818	\$26,073	\$0	\$0	\$0

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element # 601.5 – ENVIRONMENTAL JUSTICE

##### **Purpose & Goal**

Integrate U.S. Department of Transportation Environmental Justice regulations and Title VI requirements into Kern COG's planning processes.

##### **Previous Work**

1. Public Involvement Program (2011, 2015);
2. GET Title VI Update FY 97-98; and
3. 2002, 2010, 2012 Environmental Justice Task Force;
4. California Central Valley Tribal Transportation Environmental Justice Collaborative Project (FY 2008-09);
5. Tribal Notification Area Map for San Joaquin Valley (GIS map).

##### **Study Design (Tasks & Responsible Agency)**

1. Review and revise as needed existing analytical techniques and public involvement approaches to ensure that the planning process successfully integrates environmental justice into decision making;
2. Reconvene as needed the Environmental Justice Task Force to review and revise the process with which to assess and ensure compliance of Kern COG's transportation planning efforts with environmental justice requirements of Title VI;
3. Update and map locations of low-income, minority and tribal communities using latest Census information;
4. Identify transportation needs of target populations;
5. Document and evaluate Kern COG's public involvement process;
6. Quantitatively assess benefits and burdens of transportation plans with respect to target populations;
7. Incorporate target populations' benefits and burdens into a travel-demand forecasting model to assess the benefits and burdens of existing and planned transportation system investments on target populations;
8. Identify measures with which to compare the respective treatment of target and non-target populations in the planning process, such as population-based measures, geographic-based measures and visual-based measures;
9. As part of the RTP, update the *Environmental Justice Report on Performance Measures* for public review and comment. The document should address: (a) demographic profile; (b) transportation needs; (c) public involvement efforts; and (d) benefits and burdens of transportation system;
10. Upon completion, hold public meetings in each planning area to introduce and discuss *Draft Environmental Justice Report*;
11. Compare investments across different modes to identify and minimize disparate impacts to traditionally underserved populations;

12. Identify additional funding opportunities to assist in implementing typically infeasible environmental justice procedures, such as Caltrans' Sustainable Communities grants through its Office of Regional Planning;
13. Develop, maintain and evaluate environmental justice policies and procedures as established by Kern COG's EJ task force;
14. Evaluate environmental justice policies in the planning process for the RTP and RTIP.
15. Compile and update the database of environmental justice contacts and organizations representing the disabled, low-income, minorities and tribal government communities.
16. Improve environmental justice modeling capabilities.
17. Meet with the federally recognized Tejon Tribe to develop agreements, procedures and policies for working together on a government to government basis.
18. Continue to coordinate with Kern Valley Tubatulabals and other state-recognized tribes on environmental justice issues, including cultural resource mapping, cultural place naming strategies and transit.

**End Products (Schedule)**

1. GIS maps of minority and low-income populations. (ongoing).
2. Integrate U.S. Department of Transportation Environmental Justice regulations into the Regional Transportation Plan process. (ongoing).
3. Revise environmental justice modeling metro and non-metro TAZs and job centers TAZs. (ongoing).

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	QMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$19,488									\$19,488	\$2,235	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$19,488	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,488	\$2,235	\$0	\$0	\$0

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element # 602.1 – TRANSPORTATION IMPROVEMENT PROGRAM

##### **Purpose & Goal\* \*\***

Develop a multimodal transportation system and implement long-range transportation plans in the Kern County area.

\*Meets the following planning emphasis areas for California: Improve the resiliency and reliability of the transportation system.

\*\* Meets the following Federal Planning Emphasis Areas: Models of Regional Planning Cooperation.

##### **Previous Work**

1. 2009, 2011 and 2014 Regional Transportation Plan and amendments;
2. 2011, 2013 and 2015 Regional/Federal Transportation Improvement Program;
3. Amendments to the 2015 Federal Transportation Improvement Program;
4. Bakersfield System Study; and
5. California Transportation Improvement Program System (CTIPS).

##### **Study Design (Tasks & Responsible Agency)**

1. Develop and manage the Federal Transportation Improvement Program;
2. Develop and manage the Regional Transportation Improvement Program;
3. Conduct outreach meetings and workshops to develop Transportation Improvement Programs and lists of capital projects;
4. Coordinate state and federal-aid capital improvement programs including ranking and development, review and approval for project applications;
5. Conduct conformity analysis, adopt resolution to accept conformity findings and document conformity with various air quality strategies;
6. Monitor proposed at-grade and grade-separated rail projects;
7. Evaluate compliance with air quality conformity, state implementation plan, NEPA and Title VI in project delivery process;
8. Monitor California Transportation Commission and legislative proposals related to transportation financing;
9. Continue CTIPS and participate in statewide programming coordination meetings;
10. Update transportation improvement project selection policy as needed to include new state and federally mandated air quality and planning policies.

##### **End Products (Schedule)**

1. 2015 FTIP Amendments. (December 2016) (Update per budget).
2. 2017 FTIP Amendments. (June 2017) (Update per budget).
3. 2016 RTIP Amendment. (June 2017) (Update per budget).



# Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$189,237					\$34,628				\$223,865	\$21,705	\$0	\$0	\$3,972
Consultant										\$0				
Capital										\$0				
Total	\$189,237	\$0	\$0	\$0	\$0	\$34,628	\$0	\$0	\$0	\$223,865	\$21,705	\$0	\$0	\$3,972

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/17

#### Work Element # 602.2 –LOCAL ASSISTANCE FOR FEDERAL-AID PROJECTS

#### Purpose & Goal

Assist local agencies with the federal aid application process required when using state or federal dollars. Work cooperatively with Caltrans Office of Local Assistance, Caltrans Planning, Federal Highway Administration and Federal Transit Administration to facilitate construction and reimbursement of federal aid projects.

#### Previous Work

1. 2009, 2011 and 2014 Regional Transportation Plan and amendments;
2. 2011, 2013 and 2015 Regional/Federal Transportation Improvement Programs;
3. Short-range transit plans;
4. Use of CTIPS database;
5. Congestion Management Program Updates.

#### Study Design (Tasks & Responsible Agency)

1. Assist local agencies and Caltrans with State Transportation Improvement Program project development;
2. Host local assistance training opportunities and promote federal-aid training opportunities off-site;
3. Monitor RIP, IIP, RSTP, CMAQ, ATP and other federal-aid projects. Report status of projects to Caltrans, CTC and member agencies annually;
4. Participate with Caltrans in state highway project development, coordination and programming;
5. Monitor Caltrans' expenditures and activities to assure Kern regional projects are timely and budget constrained; and
6. Develop and submit responses to project delivery inquiries to local agencies, Caltrans Local Assistance and planning staff.

#### End Products (Schedule)

1. Project status reports (CMAQ/RSTP/ATP/TDA Article 3) to local agencies for their use. (monthly) (\$159,389)
2. Progress Report for Projects of Regional Significance (quarterly) (\$159,389)

#### Revenue Budget

AGENCY	FHWA				FTA				TOTAL	TOLL CREDITS NOT REVENUE				
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM		Local	PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$246,940								\$29,204	\$276,144	\$28,324	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$246,940	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,204	\$276,144	\$28,324	\$0	\$0	\$0

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element # 603.1 - TRANSPORTATION SYSTEMS MONITORING AND COORDINATION

##### **Purpose & Goal\* \*\***

To monitor and coordinate transportation planning, the transportation plan implementation process and management system requirements of the Federal transportation re-authorization bill.

\*Meets the following planning emphasis areas for California: Reduce or mitigate storm water impacts of surface transportation.

\*\* Meets the following Federal Planning Emphasis Areas: re-authorization bill Implementation and Ladders of Opportunity.

##### **Previous Work**

1. 1997 Intelligent Transportation System Early Deployment Plan;
2. 2001 San Joaquin Valley Strategic Deployment Plan; and
3. 2005 San Joaquin Valley Intelligent Transportation Systems (ITS) Architecture Maintenance Plan.

##### **Study Design (Tasks & Responsible Agency)**

1. Participate in transportation monitoring systems for projects funded in the FTIP through project status meetings with member agencies;
2. Provide technical assistance and transportation-related assistance to member agencies;
3. Analyze, update and integrate new population estimates and other demographic information to provide consistent population, economic and employment projections for a comprehensive areawide planning process;
4. Coordinate and cooperate with Caltrans in developing system planning studies;
5. Encourage and coordinate public involvement in transportation planning services at state, regional and local levels;
6. Coordinate regional transportation planning activities with local land use agencies and local system planning studies;
7. Monitor and coordinate the operational and physical continuity of transportation system within the region with neighboring regions.
8. Monitor local planning activities for transportation related energy conservation measures that meet federal, state and local goals and objectives;
9. Continue to monitor and update proposed at-grade and grade-separated rail safety projects for Kern County;
10. Review each transportation proposal, short-range transit plan or social service requests to be included with or measured against, the Regional Transportation Plan; and
11. Monitor and review Intelligent Transportation Systems (ITS) activity at the federal, state, valley, and local level.

**End Products (Schedule)**

1. Project status meeting reports. (Monthly)
2. ITS database (June 2018).

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$137,319									\$137,319	\$23,206	\$0	\$0	\$0
Consultant	\$65,000									\$65,000				
Capital										\$0				
Total	\$202,319	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$202,319	\$23,206	\$0	\$0	\$0

## **Kern Council of Governments**

### **OVERALL WORK PROGRAM – FY 2016/2017**

#### **Work Element # 603.2 - TRAFFIC COUNT PROGRAM**

##### **Purpose & Goal**

Provide data to assess existing and planned transportation systems performance as required by the Clean Air Act; for transportation planning management system requirements of the federal Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) law; and to avoid duplication of traffic count effort among local jurisdictions.

##### **Previous Work**

1. Federally mandated Highway Performance Monitoring system (HPMS);
2. 1984-present, local agency traffic counts;
3. Annual transportation report;
4. Kern Regional Transportation Modeling Committee;
5. Calibration of the Kern COG regional transportation model;
6. Monitor directional splits for calibration of the Kern COG peak hour model;
7. Predict commodity flow and freight movements;
8. Monitor speed data for posted speed limit change analysis;
9. Monitor recurring unsafe speed locations additional speed enforcement activity signalization safety improvement analysis;
10. Planning, design and construction of federal aid projects;
11. Apportionment or allocation of federal funds;
12. Air Quality, Environmental impact analysis;
13. Pavement maintenance, research and supporting the Strategic Highway Research Program (SHRP);
14. Upgraded traffic count website.

##### **Study Design (Tasks & Responsible Agency)**

1. Participate in the Highway Performance Monitoring System (HPMS) Program, including traffic counts on designated segments;
2. Coordinate the installation of HPMS information into the Kern GeoNet system;
3. Oversee a Regional Traffic Count Program;
4. Hold bi-monthly meetings of the Kern Regional Transportation Modeling Committee;
5. Oversee contract for Regional Traffic Count Service and perform quality assurance testing for all deliverables;
6. Maintain a Regional Speed Survey program;
7. Develop a Bicycle and Pedestrian Monitoring Plan within the Regional Transportation Monitoring Plan;
8. Establish a Bicycle and Pedestrian Count Program, including a list of anticipated count locations.
9. Conduct a bike census.

##### **End Products (Schedule)**

1. Annual HPMS Survey. (May 2017) (\$37,000).

2. Annual traffic count resource. (June 2017) (\$37,000).
3. Traffic, Bicycle and Pedestrian Count Program. (June 2017) (\$79,677) (consultant).
4. Traffic Count website maintenance (June 2017) (\$7,710) (consultant).
5. Bicycle and Pedestrian Monitoring Plan.

## Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$68,166							\$1,184	\$69,350	\$0	\$9,064	\$0	\$0
Consultant		\$10,861	\$79,677						\$9,139	\$99,677				
Capital										\$0				
Total	\$0	\$79,027	\$79,677	\$0	\$0	\$0	\$0	\$0	\$10,323	\$169,027	\$0	\$9,064	\$0	\$0

## **Kern Council of Governments**

### **OVERALL WORK PROGRAM – FY 2016/2017**

#### **Work Element # 603.3 - Active Transportation Demand Management (ATDM) Program**

##### **Purpose & Goal\* \*\***

To promote advanced transportation technologies in public and private fleets and infrastructure operations throughout the Kern region to reduce emissions, promote sustainable travel modes and maximize system efficiency.

\*Meets the following planning emphasis areas for California: Performance Management.

\*\*Meets the following Federal Planning Emphasis Areas: Improved safety, Reducing environmental and health impacts, including within close proximity to freeways and high-traffic volume roadways.

##### **Previous Work**

1. 2014 Regional Transportation Plan;
2. 2012 Kern Region Energy Action Plans: Local Government Operations Protocol Greenhouse Gas Inventories;
3. San Joaquin Valley Air Pollution Control District Plug-in Electric Vehicle Readiness Plan;
4. Project delivery, grant research and writing.

##### **Study Design (Tasks & Responsible Agency)**

1. Identify fleet operators and agencies with potential for accelerated fleet turnover to advanced technologies through funding opportunities, with special attention to reducing environmental and health impacts within close proximity to freeways and high-traffic volume roadways, and 'sensitive populations' such as children, senior citizens, or persons with chronic obstructive pulmonary disorder.
2. Host or sponsor public workshops on advanced technologies and funding resources.
3. Provide fleet and infrastructure analysis that leads to a capital investment plan for major regional fleets, subject to available grants.
4. Meet with member agencies and other public agencies to determine interest in advanced transportation technologies, including car sharing and workplace vehicle charging opportunities.
5. Attend the 2016 Zero Emission Vehicle Summit in Sacramento hosted by the California Governor's Office of Planning and Research or other advanced transportation technology conference.
6. Monitor and track infrastructure development and advanced technology vehicle purchases related to Kern COG efforts.
7. Respond to inquiries related to advanced technology transportation vehicles and infrastructure.
8. Develop and/or distribute educational items and materials

9. Coordinate, host, or sponsor local activities for National Drive Electric Week, Clean Air Month and other special promotional events. Partner with local agencies as appropriate.
10. Promote advanced transportation technology vehicles and infrastructure activities and events through media releases and public outreach.

**End Products (Schedule)**

1. Project status meeting reports, including data collected during the reporting period. (Monthly).
2. Three public workshops, agendas, sign-in sheets, notes;
3. Fleet analysis and capital investment plans as grant funding is available.
4. Promotional items and materials. (as needed)
5. National Drive Electric Week events. (September 10-18, 2016)

**Revenue Budget**

AGENCY	FHWA				FTA				TOTAL	TOLL CREDITS NOT REVENUE				
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM		Local	PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG									\$71,740	\$71,740	\$0	\$0	\$0	\$0
Consultant									\$76,000	\$76,000				
Capital										\$0				
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$147,740	\$147,740	\$0	\$0	\$0	\$0



**Kern Council of Governments**

**OVERALL WORK PROGRAM – FY 2016/2017**

**Work Element # 604.1 – REGIONAL TRAVEL DEMAND MODEL MAINTENANCE**

**Purpose & Goal**

To develop and maintain the regional travel demand model.

**Previous Work**

1. Acquired training, computer software and hardware for Regional Transportation Model;
2. Migrated model from EMME2 to MinuTP to TP+ to Cube transportation modeling software;
3. Maintained travel network, model scripts and planning assumptions in support of modeling for Federal Air Quality Conformity, Regional Transportation Planning and Programming, Environmental Analysis, Cumulative effects analysis, impact fee analysis;
4. Major transportation investment studies for analysis of transit and non-single occupancy vehicle use; and
5. Validated model to 1988, 1990, 1994, 2001, 2006, 2008 base years.

**Study Design (Tasks & Responsible Agency)**

1. Maintain TAZ boundaries as needed;
2. Maintain transit network in Cube;
3. Maintain transit access file using GIS;
4. Calibrate & validate outlying communities in Cube model to base year 2013/14;
5. Develop milestone years to check for reasonableness;
6. Bring network and modeling assumptions for the base (existing) and future (2050) years into conformance with existing general plans and assumption;
7. Conduct Title VI environmental justice analysis of the short-range program and long-range plans to evaluate and determine transportation impacts; and
8. Coordinate modeling assumptions and cumulative effect modeling through Regional Planning Advisory Committee.
9. Validate model with 2013/14 land use data, traffic counts and transit ridership.
10. Conform model for various years requested by ARB through 2050.

**End Products (Schedule)**

1. Model maintenance contract. (Ongoing) (\$35,000).

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$67,899	\$8,156							\$90,038	\$166,093	\$19,258	\$12,405	\$0	\$0
Consultant	\$100,000	\$100,000							\$35,000	\$235,000				
Capital										\$0				
<b>Total</b>	<b>\$167,899</b>	<b>\$108,156</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$125,038</b>	<b>\$401,093</b>	<b>\$19,258</b>	<b>\$12,405</b>	<b>\$0</b>	<b>\$0</b>

**Kern Council of Governments**

**OVERALL WORK PROGRAM – FY 2016/2017**

**Work Element # 604.2 – GROWTH FORECAST MODEL**

**Purpose & Goal**

Provide growth forecast information to develop and maintain the regional travel demand model.

**Previous Work**

1. Adopted 2015-2050 Regional Growth Forecast (November 2015).
2. Updated 2014 employment data (June 2015).
3. Redistributed socio-economic data based on latest assumptions to transportation analysis zones (TAZs);
4. Acquired land use modeling software for distribution of regional growth forecast;
5. Supported the regional transportation model.
6. Coordinated with San Joaquin Valley Demographic Forecast update.
7. Updated forecast base-year population with 2010 Census data.

**Study Design (Tasks & Responsible Agency)**

1. Increase number of TAZs as needed;
2. Purchase and correct employment data and add employment types;
3. Use GIS to calculate a build-out analysis of all general plans in Kern County by the new TAZs;
4. Revise school enrollment forecast;
5. Revise income forecast;
6. Revise group quarters forecast;
7. Revise household and household-size forecasts;
8. Map data forecasts for visual verification;
9. Coordinate modeling assumptions through Regional Transportation Modeling Committee/Regional Planning Advisory Committee; and
10. Refine UPLAN land-use model for distribution of regional growth forecast.

**End Products (Schedule)**

1. Updates to TAZ socio-economic data. (ongoing). (\$30,000)

**Revenue Budget**

AGENCY	FHWA				FTA				TOTAL	TOLL CREDITS NOT REVENUE				
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM		Local	PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$64,005								\$64,005	\$0	\$8,947	\$0	\$0
Consultant		\$14,000								\$14,000				
Capital										\$0				
<b>Total</b>	\$0	\$78,005	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$78,005	\$0	\$8,947	\$0	\$0

## **Kern Council of Governments**

### **OVERALL WORK PROGRAM – FY 2016/2017**

#### **Work Element # 604.3 - REGIONAL TRAVEL DEMAND MODELING**

##### **Purpose & Goal**

Kern COG's transportation model assists in regional transportation and land use planning decisions.

##### **Previous Work**

1. Highway 178 Corridor Study;
2. Westside Parkway Highway Study;
3. Metro Bakersfield Land Use/Circulation Plan;
4. West Beltway Corridor Study;
5. Morning Drive Corridor Study;
6. Route 58 Study;
7. GET Public Transportation Study;
8. GET Metropolitan Transportation Investment Strategy;
9. South Beltway Study;
10. Downtown Delano Study;
11. SE Kern Transportation Study Tier I EIR specific requests;
12. 2006 Transportation Model Update;
13. Cube Land integrated land use and transportation model pilot project;
14. Centennial Corridor Study.

##### **Study Design (Tasks and Responsible Agencies)**

1. Provide modeling/support for regional transportation decision-making;
2. Provide modeling/support for air quality conformity modeling;
3. Provide modeling/support for local transportation impact fees;
4. Provide modeling/support for regional and member agency requested corridor studies; and
5. Conduct Title VI environmental justice analysis of the short-range program and long-range plans to evaluate and determine transportation impacts.
6. Develop modeling methodology to meet SB 375 requirements.
7. Participate in San Joaquin Valley Model Improvement Program.
8. Maintain airport ground access routes in the travel demand model.
9. Assess the intermodal feasibility of proposed aviation, highway, public transit, goods movement and non-motorized transportation projects. Continue to monitor and update proposed at-grade and grade-separated rail safety projects (Kern COG);
10. Identify short- and long-range strategies and actions to meet projected demands (Kern COG);

**End Products (Schedule)**

1. Model support for regional air quality conformity analysis and amendments. (quarterly) (\$34,383).
2. Modeling to support development of local transportation impact fees. (as requested) (\$34,383).
3. Transportation modeling. (as requested) (\$34,383).
4. Modeling to support development of the Sustainable Communities Strategy. (as requested) (\$34,383).

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$86,858								\$86,858	\$0	\$9,963	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$86,858	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$86,858	\$0	\$9,963	\$0	\$0

## **Kern Council of Governments**

### **OVERALL WORK PROGRAM – FY 2016/2017**

#### **Work Element # 605.1 - CORRIDOR/MAJOR INVESTMENT/IMPACT STUDIES**

##### **Purpose & Goal\***

To study transportation corridors, interchanges and proposed roadway system improvements throughout the region.

\*Meets the following planning emphasis areas for California: Enhance travel and tourism.

##### **Previous Work**

1. 2006, 2007, 2011 and 2014 Regional Transportation Plan;
2. 2008, 2009, 2011, 2013 and 2015 Regional/Federal Transportation Improvement Program;
3. Highway 178 "M" Street to Highway 99 Study;
4. Kern River Canyon Highway Study;
5. Fairfax Road Interchange Study;
6. Tehachapi Railroad Crossing Study;
7. Metro Bakersfield General Plan;
8. Delano Superblock 8 Transportation Impact analysis;
9. Route 33 Traffic analysis;
10. Morning Drive Corridor Study;
11. Highway 58 to Alfred Harrell Highway Study;
12. Mojave Corridor Study and the South Beltway Corridor Study;
13. Routes 46 and 65 Safety Task Force Studies;
14. Route 65 TCRP Study;
15. 7<sup>th</sup> Standard Road and Cecil Avenue Studies; and
16. Bakersfield System Study.

##### **Study Design (Tasks & Responsible Agency)**

1. Analyze traffic count and traffic accident data;
2. Conduct detailed roadway analyses in areas affected by planned developments;
3. Conduct detailed roadway analyses in areas experiencing increasing traffic congestion;
4. Provide technical assistance to local agencies upon request;
5. Assist Caltrans with system planning activities;
6. Comply with the provisions of the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA);
7. Conduct detailed analyses of impacts of development on air quality;
8. Coordinate with other agencies to document environmental factors that support project level NEPA and Section 404 requirements;
9. Assess the intermodal feasibility of proposed transportation projects, strategies and actions;
10. Identify corridor and subarea studies to support decisions on the design concepts and scope of proposed major transportation investments;

11. Ensure the Title VI, environmental justice criteria is applied to all corridor plans;
12. Attend Advisory Committee Transportation Concept Report meetings to provide direction and comment on TCR documents;
13. Attend California Highway Patrol Corridor Safety Task Force meetings;
14. In collaboration with safety officials and law enforcement, encourage safety and security integration in the transportation planning process; and
15. Work with local agencies and Caltrans to better coordinate CEQA and NEPA during transportation project development in the regional transportation planning process.

**End Products (Schedule)**

1. Web-based regional traffic count historical analysis.
2. Technical assistance memorandums of agreement.
3. Technical analysis and background supporting Regional Transportation Plan environmental documents.

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$15,639								\$15,639	\$0	\$1,794	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$15,639	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,639	\$0	\$1,794	\$0	\$0

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element # 605.2 – REGIONAL TRANSPORTATION IMPACT FEE

#### Purpose & Goal

To identify impact fee resources that meet regional transportation needs and develop an implementation strategy for agencies that do not have an established impact fee program.

#### Previous Work

1. 2007, 2011 and 2014 Regional Transportation Plan;
2. 2011, 2013, 2015 and 2017 Regional/Federal Transportation Improvement Program;
3. Metropolitan Bakersfield MTIS;
4. 1998-2005 MTIS Updates; and
5. South East Kern Transportation Impact Fee Study.
6. Regional Impact Fee Study.

#### Study Design (Tasks & Responsible Agency)

1. Provide technical support to member agencies developing or updating Impact Fees.
2. Develop appropriate socio-economic data for nexus analysis (Kern COG);
3. Develop project list for Impact Fee Program (Member Agencies/Kern COG);
4. Develop impact fee schedules (Member Agencies/Kern COG);
5. Conduct stakeholder meetings and public workshops (Member Agencies);
6. Prepare and circulate draft and final report (Member Agencies); and
7. Adopt new Impact Fee Program(s) Ordinance (Member Agencies).

#### End Products (Schedule)

1. Impact Fee Study Updates (None)

#### Revenue Budget

AGENCY	FHWA				FTA			STIP PFM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG									\$2,396	\$2,396	\$0	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,396	\$2,396	\$0	\$0	\$0	\$0

## **Kern Council of Governments**

### **OVERALL WORK PROGRAM – FY 2016/2017**

#### **Work Element #606.1 – TRANSIT PLANNING**

##### **Purpose & Goal\* \*\***

To provide comprehensive long-range transit planning for the Kern region.

\*Meets the following planning emphasis areas for California: Improve the resiliency and reliability of the transportation system; Reduce or mitigate storm water impacts of surface transportation and; Enhance travel and tourism.

\*\* Meets the following Federal Planning Emphasis Areas: MAP-21 Implementation and Ladders of Opportunity.

##### **Previous Work**

1. Metropolitan Bakersfield Transit System Long-range Plan (2012);
2. Metropolitan Bakersfield Fixed Guideway Passenger System, Phase I;
3. 2005 Eastern Sierra Public Transportation Plan;
4. 2004 Regional Transportation Improvement Program;
5. 2004 Regional Rural Transit Strategy;
6. 1998, 2000, and 2004 Regional Transportation Plan;
7. Metropolitan Bakersfield Major Investment Strategy (1997);
8. 1990 Short-Range Transit Plan;
9. Regional Transit Guide (1987 and 1990);
10. Rural Transportation Inventory (1987);
11. Metro Bakersfield Social Service Action Plan (1985);
12. Social Service Action Plan (1982).

##### **Study Design (Tasks & Responsible Agency)**

1. Monitor public and private transit providers' planning-related activities, including: vehicle inventory updates; patronage and ridership data; financial and operational data; and transit services evaluation to the general public and transit dependent;
2. Work with Golden Empire Transit District and CTSA to address service planning, ADA compliance and services for the elderly and disabled;
3. Coordinate long-range transit and land-use planning efforts for GET, Kern County and member cities in the TIP process;
4. Monitor and/or conduct public workshops to identify local transportation issues, transportation options, recommended actions, and implementation programs;
5. Identify corridor and subarea studies to be performed;
6. Review and monitor existing financial capabilities, identify future financial requirements, and new revenue sources;
7. Implement Kern COG's Public Transportation Modernization, Improvement, and Service Enhancement Act policy (PTMISEA)
8. Implement Kern COG's Low-Carbon Transit Operations Program (LCTOP)



9. Provide technical assistance to transit providers in transit planning, marketing, coordination and other related issues;
10. Monitor and report on legislation;
11. Collect monthly transit operating statistics from public transit operators, and maintain a transit performance database;
12. Conduct quarterly transit operator meetings to discuss operations and planning issues;
13. Help coordinate public transit and human service transportation programs;
14. Assist jurisdictions with implementing Regional Transportation Plan transit policies and actions;
15. Analyze, identify and recommend improvements in the transit system to better serve people in transition from welfare to work;
16. Ensure that environmental justice criteria are applied to transit plans; and
17. Assess the need for tribal and farm-worker transportation, including vanpools, in Kern County.

### End Products (Schedule)

1. FTA Section 5311 Program of Projects. (March 2017) (\$29,223).
2. Transit Operators Meeting minutes. (quarterly) (\$29,223).
3. FTA Section 5310 grant applications. (February 2017) (\$29,223).
4. Transit System Safety, Security, and Disaster Response Account (TSSDRA) Program of Projects. (November 2016) (\$29,223).
5. Low-Carbon Transit Operations Program of Projects (February 2017) (\$29,223).

### Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$86,562				\$30,628				\$117,190	\$0	\$10,387	\$0	\$3,972
Consultant		\$4,000				\$4,000		\$42,000		\$50,000				
Capital										\$0				
Total	\$0	\$90,562	\$0	\$0	\$0	\$34,628	\$0	\$42,000	\$0	\$167,190	\$0	\$10,387	\$0	\$3,972

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element # 606.2 – TRANSPORTATION DEVELOPMENT PLAN – Arvin TDP

##### Purpose & Goal

Prepare a transportation development plan for Arvin. (This work element is contingent upon grant selection and award.)

##### Previous Work

1. 1998, 2000, 2004, 2008, 2011 and 2014 Regional Transportation Plan;
2. Metropolitan Bakersfield Transit System Long-Range Plan (2012);
3. Metropolitan Bakersfield Fixed Guideway Passenger System, Phase 1;
4. 2005 Eastern Sierra Public Transportation Plan;
5. 2004 Regional Transportation Improvement Plan;
6. 2004 Regional Rural Transit Strategy;
7. Metropolitan Bakersfield Major Investment Strategy (1997);
8. Regional Transit Guide (1987 and 1990);
9. 1990 Short-Range Transit Plan;
10. Transportation Development Plans (TDPs) for:
  - o Arvin 1991 1996 1999 2009
  - o Taft/Maricopa 1994 2009 2015
  - o California City 1991 1997 2012
  - o Tehachapi 1993 1999 2012
  - o Delano 1991 1997 2005 2012
  - o Wasco 1993 1998 2007
  - o McFarland 1994 2007 2015
  - o Kern River Valley 1995 2015
  - o Ridgecrest 1992 1998 2007
  - o Lamont 1995 2009
  - o Shafter 1995 2007
  - o Mojave 1995
  - o Kern County 2003
  - o East Kern 2005

##### Study Design (Tasks & Responsible Agency)

- 1 Prepare RFP, develop scope of work and select consultant. (Kern COG)
- 2 Manage consultant contracts, approve invoices, provide project input and feedback to consultant (Kern COG).
- 3 Manage project tasks, submit written monthly progress reports with invoices and schedule bi-weekly phone calls with the Kern COG project manager. (Oct. 2016) (Consultant)

- 4 Schedule, coordinate and prepare all necessary materials for Project Steering Committee (PSC) meetings, prepare meeting minutes that document all major points and actions taken at each PSC meeting and provide those notes to the Kern COG project manager within five days following each meeting. (Oct. 2016) (Consultant).
- 5 Coordinate the project kick-off meeting with stakeholders, including Caltrans staff. Make two presentations of the final report to both the Kern COG Transportation Planning Policy Committee and the Arvin City Council. (Oct. 2016) (Consultant)
- 6 Maintain all electronic and hard-copy files pertaining to the project and shall provide Kern COG with an electronic version of all reports, technical memos and backup data. (Oct. 2016) (Consultant)
- 7 Hold a project kick-off meeting to allow local and Caltrans staff the opportunity to set goals, assign responsibilities and address a communication protocol. (Feb. 2017) (Kern COG and Consultant)
- 8 Involve the public (stakeholders, system users, such as workshops, telephone, and personal interviews. (Feb. 2017) (Consultant).
- 9 Gather existing literature or data related to the City of Arvin, including demographic data. (June 2017) (Consultant).
- 10 Identify transportation needs, evaluate current transportation services and analyze institution alternatives and service alternatives. (Consultant, Kern COG) (June 2017)
- 11 Review and assess data and summarize relevant points in the draft and final TDP. (June 2017)
- 12 Identify short-term service alternatives in a preferred service plan for Arvin. (June 2017) (Consultant)
- 13 Prepare quarterly progress reports for Caltrans. (June 2017) (Kern COG)
- 14 Develop a five-year budget plan for operating, capital and financial services for the City of Arvin's system. (June 2017) (Consultant)
- 15 Prepare an implementation plan for the City of Arvin. (June 2017) (Consultant)
- 16 Prepare a draft TDP for the City of Arvin to be circulated among Project Steering Committee members for review and comment. (June 2017) (Consultant)
- 17 Prepare digital copies of the final report and a final presentation for the City of Arvin as well as the Kern COG Board of Directors. (Consultant) (June 2017)

#### **End Products (July 2016 – January 2017)**

1. Transportation Development Plan – Arvin TDP. (January 2017) (\$35,000)

# Revenue Budget

AGENCY	FHWA				FTA			STIP PFM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG										\$0	\$0	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element # 606.2A – TRANSPORTATION DEVELOPMENT PLAN – South Kern

##### Purpose & Goal

Prepare a transportation development plan for the South Kern TDP. (This work element is contingent upon grant selection and award.)

##### Previous Work

1. 1998, 2000, 2004, 2008, 2012 and 2014 Regional Transportation Plan;
2. Metropolitan Bakersfield Transit System Long-Range Plan (2012);
3. 2005 Eastern Sierra Public Transportation Plan;
4. 2004 Regional Rural Transit Strategy;
5. Metropolitan Bakersfield Major Investment Strategy (1997);
6. Regional Transit Guide (1987 and 1990);
7. 1990 Short-Range Transit Plan;
8. Metropolitan Bakersfield Fixed Guideway Passenger System, Phase 1;
9. Transportation Development Plans (TDPs) for:

- o Arvin 1991 1996 1999 2009
- o Taft/Maricopa 1994 2009 2015
- o California City 1991 1997 2012
- o Tehachapi 1993 1999 2012
- o Delano 1991 1997 2005 2012
- o Wasco 1993 1998 2007
- o McFarland 1994 2007 2015
- o Kern River Valley 1995 2015
- o Ridgecrest 1992 1998 2007
- o Lamont 1995 2009
- o Wasco 1995 2007
- o Mojave 1995
- o Kern County 2003
- o East Kern 2005

##### Study Design (Tasks & Responsible Agency)

- 1 Prepare RFP, develop scope of work and select consultant. (Kern COG)
- 2 Manage consultant contracts, approve invoices, provide project input and feedback to consultant (Kern COG).
- 3 Manage project tasks, submit written monthly progress reports with invoices and schedule bi-weekly phone calls with the Kern COG project manager (Oct. 2016) (Consultant)

- 4 Schedule, coordinate and prepare all necessary materials for Project Steering Committee (PSC) meetings, prepare meeting minutes that document all major points and actions taken at each PSC meeting and provide those notes to the Kern COG project manager within five days following each meeting. (Oct. 2016) (Consultant).
- 5 Coordinate the project kick-off meeting with stakeholders, including Caltrans staff. (Oct. 2016) (Consultant)
- 6 Maintain all electronic and hard-copy project files and provide Kern COG with an electronic version of all reports, technical memos and backup data. (Oct. 2016) (Consultant)
- 7 Hold a project kick-off meeting to allow local and Caltrans staff the opportunity to set goals, assign responsibilities and address a communication protocol. (Feb. 2017) (Kern COG and Consultant).
- 8 Involve the public (stakeholders, system users, such as workshops, telephone, and personal interviews. (Feb. 2017) (Consultant).
- 9 Gather existing literature or data related to the City of Arvin and Frazier Park, including demographic data. (June 2017) (Consultant).
- 10 Identify and analyze transportation needs, services and alternatives. (Consultant, Kern COG) (June 2017).
- 11 Review, assess and summarize relevant data points in the draft and final TDP. (June 2017)
- 12 Identify short-term service alternatives in a preferred service plan for the City of Arvin and Kern Transit's Bakersfield-Frazier Park route. (June 2017) (Consultant)
- 13 Prepare quarterly progress reports for Caltrans. (June 2017) (Kern COG)
- 14 Develop a five-year budget plan for operating, capital and financial services for the City of Arvin and Kern Transit system. (June 2016) (Consultant)
- 15 Prepare an implementation plan for the Arvin City Council and the Kern Transit. (June 2017) (Consultant)
- 16 Prepare a draft TDP for the City of Arvin and Kern Transit's Bakersfield-Frazier Park route to be circulated for review and comment among Project Steering Committee members. (June 2017) (Consultant)
- 17 Prepare digital copies of the final report and a final presentation for the Arvin City Council and the Kern County Board of Supervisors as well as the Kern COG Board of Directors. (Consultant) (June 2017)

**End Products (June 2017)**

1. Transportation Development Plan – South Kern. (June 2017) (\$35,575)

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PFM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG										\$0	\$0	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element # 606.3 – TRANSPORTATION DEVELOPMENT PLAN – Mojave TDP

##### Purpose & Goal

Prepare a transportation development plan for the County of Kern. (This work element is contingent upon grant selection and award.)

##### Previous Work

1. Regional Transit Guide (1987 and 1990);
2. 1990 Short-Range Transit Plan;
3. Metropolitan Bakersfield Major Investment Strategy (1997);
4. 1998, 2000, 2004, 2008; 2011 and 2014 Regional Transportation Plan;
5. 2004 Regional Rural Transit Strategy;
6. 2004 Regional Transportation Improvement Plan;
7. 2005 Eastern Sierra Public Transportation Plan;
8. Metropolitan Bakersfield Fixed Guideway Passenger System, Phase 1;
9. Metropolitan Bakersfield Transit System Long-Range Plan (2012); and
10. Transportation Development Plans (TDPs) for:

- o Arvin 1991 1996 1999 2009
- o Taft/Maricopa 1994 2009 2015
- o California City 1991 1997 2012
- o Tehachapi 1993 1999 2012
- o Delano 1991 1997 2005 2012
- o Wasco 1993 1998 2007
- o McFarland 1994 2007 2015
- o Kern River Valley 1995 2015
- o Ridgecrest 1992 1998 2007
- o Lamont 1995 2009
- o Shafter 1995 2007
- o Mojave 1995
- o Kern County 2003
- o East kern 2005

##### Study Design (Tasks & Responsible Agency)

- 1 Prepare RFP, develop scope of work and select consultant. (Kern COG)
- 2 Manage consultant contracts, approve invoices, provide project input and feedback to consultant (Kern COG).
- 3 Manage project tasks, submit written monthly progress reports with invoices and schedule bi-weekly phone calls with the Kern COG project manager (Oct. 2016) (Consultant)

- 4 Schedule, coordinate and prepare all necessary materials for Project Steering Committee (PSC) meetings, prepare meeting minutes that document all major points and actions taken at each PSC meeting and provide those notes to the Kern COG project manager within five days following each meeting. (Oct. 2016) (Consultant).
- 5 Coordinate the project kick-off meeting with stakeholders, including Caltrans staff. Make two presentations of the final report to both the Kern COG Transportation Planning Policy Committee and the Kern County Roads Department. (Oct. 2015) (Consultant)
- 6 Maintain all electronic and hard-copy files pertaining to the project and shall provide Kern COG with an electronic version of all reports, technical memos and backup data. (Oct. 2016) (Consultant)
- 7 Hold a project kick-off meeting to allow local and Caltrans staff the opportunity to set goals, assign responsibilities and address a communication protocol. (Feb. 2017) (Kern COG and Consultant)
- 8 Involve the public (stakeholders, system users, such as workshops, telephone, and personal interviews. (Feb. 2017) (Consultant).
- 9 Gather existing literature or data related to Mojave, including demographic data. (June 2017) (Consultant).
- 10 Identify transportation needs, evaluate current transportation services and analyze institution alternatives and service alternatives. (Consultant, Kern COG) (June 2017)
- 11 Review and assess data and summarize relevant points in the draft and final TDP. (June 2017)
- 12 Identify short-term service alternatives in a preferred service plan for Mojave. (June 2017) (Consultant)
- 13 Prepare quarterly progress reports for Caltrans. (June 2017) (Kern COG)
- 14 Develop a five-year budget plan for operating, capital and financial services for the Kern County Road Department's system. (June 2017) (Consultant)
- 15 Prepare an implementation plan for the Kern County Roads Department. (June 2017) (Consultant)
- 16 Prepare a draft TDP for the Kern County Roads Department to be circulated among Project Steering Committee members for review and comment. (June 2017) (Consultant)
- 17 Prepare digital copies of the final report and a final presentation for the Kern County Roads Department as well as the Kern COG Board of Directors. (Consultant) (June 2017)

#### **End Products (July 2016 – June 2017)**

1. Transportation Development Plan – Mojave TDP. (June 2017) (\$30,000)



# Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG										\$0	\$0	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**Kern Council of Governments**

**OVERALL WORK PROGRAM – FY 2016/2017**

**Work Element # 606.3A – TRANSPORTATION DEVELOPMENT PLAN –  
Rosamond TDP**

**Purpose & Goal**

Prepare a transportation development plan for the community of Rosamond. (This work element is contingent upon grant selection and award.)

**Previous Work**

1. Regional Transit Guide (1987 and 1990);
2. 1990 Short-Range Transit Plan;
3. Metropolitan Bakersfield Major Investment Strategy (1997);
4. 1998, 2000, 2004, 2008, 2011 and 2014 Regional Transportation Plan;
5. 2004 Regional Rural Transit Strategy;
6. 2004 Regional Transportation Improvement Plan;
7. 2005 Eastern Sierra Public Transportation Plan;
8. Metropolitan Bakersfield Fixed Guideway Passenger System, Phase 1;
9. Metropolitan Bakersfield Transit System Long-Range Plan (2012); and
10. Transportation Development Plans (TDPs) for:

- o Arvin                    1991   1996   1999   2009
- o Taft/Maricopa       1994   2009   2015
- o California City     1991   1997   2012
- o Tehachapi           1993   1999   2012
- o Delano               1991   1997   2005   2012
- o Wasco                1993   1998   2007
- o McFarland          1994   2007   2015
- o Kern River Valley 1995   2015
- o Ridgecrest         1992   1998   2007
- o Lamont              1995   2009
- o Shafter              1995   2007
- o Mojave               1995
- o Kern County        2003
- o East kern            2005

**Study Design (Tasks & Responsible Agency)**

- 1 Prepare RFP, develop scope of work and select consultant. (Kern COG)
- 2 Manage consultant contracts, approve invoices, provide project input and feedback to consultant (Kern COG).

- 3 Manage project tasks, submit written monthly progress reports with invoices and schedule bi-weekly phone calls with the Kern COG project manager (Oct. 2016) (Consultant)
- 4 Schedule, coordinate and prepare all necessary materials for Project Steering Committee (PSC) meetings, prepare meeting minutes that document all major points and actions taken at each PSC meeting and provide those notes to the Kern COG project manager within five days following each meeting. (Oct. 2016) (Consultant).
- 5 Coordinate the project kick-off meeting with stakeholders, including Caltrans staff. Make two presentations of the final report to both the Kern COG Transportation Planning Policy Committee and the Kern County Roads Department. (Oct. 2017) (Consultant)
- 6 Maintain all electronic and hard-copy files pertaining to the project and shall provide Kern COG with an electronic version of all reports, technical memos and backup data. (Oct. 2017) (Consultant)
- 7 Hold a project kick-off meeting to allow local and Caltrans staff the opportunity to set goals, assign responsibilities and address a communication protocol. (Feb. 2017) (Kern COG and Consultant)
- 8 Involve the public (stakeholders, system users, such as workshops, telephone, and personal interviews. (Feb. 2017) (Consultant).
- 9 Gather existing literature or data related to Rosamond, including demographic data. (June 2017) (Consultant).
- 10 Identify transportation needs, evaluate current transportation services and analyze institution alternatives and service alternatives. (Consultant, Kern COG) (June 2017)
- 11 Review and assess data and summarize relevant points in the draft and final TDP. (June 2017)
- 12 Identify short-term service alternatives in a preferred service plan for Rosamond. (June 2017) (Consultant)
- 13 Prepare quarterly progress reports for Caltrans. (June 2017) (Kern COG)
- 14 Develop a five-year budget plan for operating, capital and financial services for the Kern County Road Department's system. (June 2017) (Consultant)
- 15 Prepare an implementation plan for the Kern County Roads Department. (June 2017) (Consultant)
- 16 Prepare a draft TDP for the Kern County Roads Department to be circulated among Project Steering Committee members for review and comment. (June 2017) (Consultant)
- 17 Prepare digital copies of the final report and a final presentation for the Kern County Roads Department as well as the Kern COG Board of Directors. (Consultant) (June 2017)

### **End Products (July 2016 – January 2017)**

1. Transportation Development Plan – Rosamond TDP. (June 2017) (\$35,000)

# Revenue Budget

AGENCY	FHWA				FTA			STIP PFM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG										\$0	\$0	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**Kern Council of Governments**

**OVERALL WORK PROGRAM – FY 2016/2017**

**Work Element # 606.4 – TRANSPORTATION DEVELOPMENT PLAN –  
State Route 14 Corridor TDP**

**Purpose & Goal**

Prepare a transportation development plan for the State Route (SR) 14 Corridor. (This work element is contingent upon grant selection and award.)

**Previous Work**

1. 1998, 2000, 2004, 2008, 2011 and 2014 Regional Transportation Plan;
2. Metropolitan Bakersfield Transit System Long-Range Plan (2012);
3. Metropolitan Bakersfield Fixed Guideway Passenger System, Phase 1;
4. 2005 Eastern Sierra Public Transportation Plan;
5. 2004 Regional Transportation Improvement Plan;
6. 2004 Regional Rural Transit Strategy;
7. Metropolitan Bakersfield Major Investment Strategy (1997);
8. 1990 Short-Range Transit Plan;
9. Regional Transit Guide (1987 and 1990); and
10. Transportation Development Plans (TDPs) for:

- o Arvin 1991 1996 1999 2009
- o Taft/Maricopa 1994 2009 2015
- o California City 1991 1997 2012
- o Tehachapi 1993 1999 2012
- o Delano 1991 1997 2005 2012
- o Wasco 1993 1998 2007
- o McFarland 1994 2007 2015
- o Kern River Valley 1995 2015
- o Ridgecrest 1992 1998 2007
- o Lamont 1995 2009
- o Shafter 1995 2007
- o Rosamond 1995
- o Kern County 2003
- o East kern 2005

**Study Design (Tasks & Responsible Agency)**

- 1 Prepare RFP, develop scope of work and select consultant. (Kern COG)
- 2 Manage consultant contracts, approve invoices, provide project input and feedback to consultant (Kern COG).

- 3 Manage project tasks, submit written monthly progress reports with invoices and schedule bi-weekly phone calls with the Kern COG project manager (Oct. 2016) (Consultant)
- 4 Schedule, coordinate and prepare all necessary materials for Project Steering Committee (PSC) meetings, prepare meeting minutes that document all major points and actions taken at each PSC meeting and provide those notes to the Kern COG project manager within five days following each meeting. (Oct. 2016) (Consultant).
- 5 Coordinate the project kick-off meeting with stakeholders, including Caltrans staff. Make two presentations of the final report to both the Kern COG Transportation Planning Policy Committee and the Kern County Roads Department. (Oct. 2016) (Consultant)
- 6 Maintain all electronic and hard-copy files pertaining to the project and shall provide Kern COG with an electronic version of all reports, technical memos and backup data. (Oct. 2016) (Consultant)
- 7 Hold a project kick-off meeting to allow local and Caltrans staff the opportunity to set goals, assign responsibilities and address a communication protocol. (Feb. 2017) (Kern COG and Consultant)
- 8 Involve the public (stakeholders, system users, such as workshops, telephone, and personal interviews. (Feb. 2017) (Consultant).
- 9 Gather existing literature or data related to State Route 14, including demographic data. (June 2017) (Consultant).
- 10 Identify transportation needs, evaluate current transportation services and analyze institution alternatives and service alternatives. (Consultant, Kern COG) (June 2017)
- 11 Review and assess data and summarize relevant points in the draft and final TDP. (June 2017)
- 12 Identify short-term service alternatives in a preferred service plan for State Route 14. (June 2017) (Consultant)
- 13 Prepare quarterly progress reports for Caltrans. (June 2017) (Kern COG)
- 14 Develop a five-year budget plan for operating, capital and financial services for the Kern County Road Department's system. (June 2017) (Consultant)
- 15 Prepare an implementation plan for the Kern County Roads Department. (June 2017) (Consultant)
- 16 Prepare a draft TDP for the Kern County Roads Department to be circulated among Project Steering Committee members for review and comment. (June 2017) (Consultant)
- 17 Prepare digital copies of the final report and a final presentation for the Kern County Roads Department as well as the Kern COG Board of Directors. (Consultant) (June 2017)

### **End Products (June 2017)**

1. Transportation Development Plan – SR 14 Corridor. (June 2017) (\$10,000)

# Revenue Budget

AGENCY	FHWA				FTA			STIP PFM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG										\$0	\$0	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**Kern Council of Governments**

**OVERALL WORK PROGRAM – FY 2016/2017**

**Work Element # 606.5 – TRANSIT SECURITY PLAN**

**Purpose & Goal**

The Transit Security Plan will enhance the safety of all transit riders within and through Kern County.

**Previous Work**

1. 2007, 2011 and 2014 Regional Transportation Plans;
2. Kern County Transit Security Plan (2013).
3. Kern Regional Blueprint (2006-2008);
4. Eastern Sierra Public Transportation Plan (2005); and
5. Regional Rural Transit Strategy (2004);

**Study Design (Tasks & Responsible Agency)**

1. Review Transit Security Plan annually and update as required (Kern COG);
2. Attend Countywide Transit Security and Emergency Management meetings (Kern COG);

**End Products (Schedule)**

None.

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PFM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$1,138							\$0	\$1,138	\$0	\$131	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$1,138	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,138	\$0	\$131	\$0	\$0



**Kern Council of Governments**

**OVERALL WORK PROGRAM – FY 2016/2017**

**Work Element # 606.6 – PASSENGER RAIL PROGRAM**

**Purpose & Goal\*\***

To monitor and participate in planning and programming of Amtrak and high-speed rail projects and studies.

\*\* Meets the following Federal Planning Emphasis Areas: Models of Regional Planning Cooperation and Ladders of Opportunity.

**Previous Work**

1. Commuter Rail Feasibility Study (2012)
2. Bakersfield Heavy Maintenance Facility at Shafter/Wasco (2010); and
3. Metropolitan Bakersfield High-Speed Rail Terminal Impact Analysis (2003);
4. Metro Bakersfield High-Speed Rail Terminal Analysis and Evaluation (2001);
5. Amtrak Station Project Study Report (1997);
6. California High-Speed Ground Transportation study (ongoing);
7. Metropolitan Bakersfield Major Transportation Investment Strategy (1997);
8. High-Speed Ground Transportation system Terminal Study (1994);
9. Bakersfield Intermodal Transit Facility Plan (1988);

**Study Design (Tasks & Responsible Agency)**

1. Attend California High-Speed Rail Authority meetings (Kern COG);
2. Coordinate with Caltrans Division of Rail and Mass Transportation (Kern COG);
3. Attend meetings of the San Joaquin Valley JPA (Kern COG); and
4. Attend meetings of the Central California Rail Shippers Association (CCRSA).
5. Update appropriate chapters of the Regional Transportation Plan with appropriate passenger rail information.

**End Products (Schedule)**

1. California High-Speed Rail Authority meetings. (monthly) (\$16,372).
2. San Joaquin Valley Joint Powers Authority. (quarterly) (\$16,372).
3. Passenger rail sections of the Regional Transportation Plan.

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PFM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$41,148								\$41,148	\$0	\$4,720	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$41,148	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$41,148	\$0	\$4,720	\$0	\$0

## **Kern Council of Governments**

### **OVERALL WORK PROGRAM – FY 2016/2017**

#### **Work Element # 606.7 – BAKERSFIELD TRANSIT-ORIENTED DEVELOPMENT STUDY**

##### **Purpose & Goal\*\***

To produce, in collaboration with urban, rural and interregional public transit agencies, a Bakersfield Transit-Oriented Development Study (TOD). The study will provide public agency staff and elected officials with information documenting suitable locations for multi-modal TOD and provide an economic analysis of potential sites. The study will also support development of the Kern Regional Transportation Plan (RTP) and Sustainable Community Strategy (SCS). The study will be the second phase of the Metropolitan Transit Center Study.

\*\* Meets the following Federal Planning Emphasis Areas: Ladders of Opportunity.

##### **Previous Work**

1. Metropolitan Bakersfield Transit Center Study (2015).
2. Metropolitan Bakersfield Bike Master Plan (2013);
3. GET Long-term Transit Plan (2012)
4. Metropolitan Bakersfield High-Speed Rail Terminal Impact analysis (2003);
5. Bakersfield System Study Summary Report (2002); and
6. Metropolitan Bakersfield High-Speed Rail Terminal Analysis and Evaluation (2001).

##### **Study Design (Tasks & Responsible Agency)**

1. Produce a request for proposals (RFP) to evaluate public transit services and transit-oriented development;
2. Develop a TOD study that, at a minimum, addresses the following:
  - a. Existing and proposed future transit framework, including high-speed rail;
  - b. Trends, projections and market conditions related to urban and infill development;
  - c. TOD practices and strategies;
  - d. System improvement strategies, including implementation schedules;
  - e. Relationship of long-range needs to short-range implementation;
  - f. Assessment of resource & funding availability such as Strategic Growth Council (SGC) grants and Caltrans Active Transportation Program (ATP) grants;
  - g. Comprehensive public outreach and participation process.
3. Create visualizations illustrating one or more potential TOD sites.

##### **End Products (Schedule)**

1. Bakersfield Transit-Oriented Development Study. (June 2017)

# Revenue Budget

AGENCY	FHWA				FTA			STIP PFM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$19,497								\$19,497	\$0	\$2,236	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$19,497	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,497	\$0	\$2,236	\$0	\$0

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element # 607.1 – AVIATION TRANSPORTATION PLANNING

##### Purpose & Goal

Maintain the Kern Regional Aviation System Plan and related aviation system data, review airport master plans, assist airports and Caltrans Aeronautics Program in preparing biennial Aviation Capital Improvement Program and participate in the California Aviation System Plan Program.

##### Previous Work

1. 1984 Regional Airport System Plan;
2. 1994 Kern County airport Land Use Compatibility Plan;
3. 1998 Central California Aviation System Plan;
4. 1998 Kern Regional Aviation system Plan; and
5. Local airport master plans.

##### Study Design (Tasks & Responsible Agency)

1. Participate in Kern Regional Airports Master Plans TAC;
2. Review airport and local agencies' regional aviation system activities (Kern COG);
3. Provide aviation technical assistance to local jurisdictions (Kern COG);
4. Assess proposed transportation projects, strategies and actions for intermodal feasibility (Kern COG);
5. Maintain an aviation system database supporting the regional aviation system and aviation capital improvement programs (Kern COG);
6. Assist FAA Airport GIS program's development and management;
7. Coordinate airport operator updates of Aviation Capital Improvement Program (CIP) project lists for the Caltrans Aeronautics Program (Kern COG); and
8. Coordinate with County of Kern to implement the Joint Land Use Study (JLUS) for R-2508 Airspace.

##### End Products (Schedule)

1. Aviation GIS Database. (ongoing) (\$2,944).
2. Regional Aviation Capital Improvement Program (CIP) project lists. (biennial) (\$2,944).

##### Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$4,783								\$4,783	\$0	\$549	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$4,783	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,783	\$0	\$549	\$0	\$0

## **Kern Council of Governments**

### **OVERALL WORK PROGRAM – FY 2016/2017**

#### **Work Element # 608.1 – BICYCLE TRANSPORTATION PLANNING**

##### **Purpose & Goal\***

To conduct planning studies for non-motorized transportation facilities that encourage non-motorized transportation modes of transportation as a viable, safe and economical alternative to motorized travel within Kern County.

\*Meets the following planning emphasis areas for California: Enhance travel and tourism.

##### **Previous Work**

1. 2012 Kern Regional Bicycle Plan and Complete Streets Recommendations;
2. 2009 Kern River Bike Path Extension Study: SR 43 to Taft;
3. 1994 Environmental Assessment of Kern River Bike Path between Hart Park and California Living Museum;
4. 1994 Kern River Bike Path Extension Alignment Study Update;
5. 1989 Kern River Bike Path Alignment Study;
6. 1984 Metropolitan Bakersfield Bicycle Plan;

##### **Study Design (Tasks & Responsible Agency)**

1. Review existing bicycle plans from member agencies;
2. Review and rank bicycle-related projects under California's Active Transportation Program.
3. Monitor construction for planned facilities;
4. Develop mapping of current facilities;
5. Receive comments and suggestions regarding route selection and facility construction priority scheduling from Bicycle Technical Advisory Committee;
6. Identify funding streams anticipated over period of time;
7. Complete environmental assessment of recommended non-motorized transportation facilities;
8. Submit plans for public review;
9. Receive and respond to public comments; and
10. Adoption of plans by Kern COG.
11. Coordination and consultation with tribal governments and environmental justice/disadvantaged communities for the Kern County Active Transportation Plan.
12. Analyze bicycle traffic count program data for the Kern County Active Transportation Plan.
13. Incorporate transit planning considerations in coordinating bicycle and pedestrian planning for the Kern County Active Transportation Plan.

## End Products (Schedule)

1. Bicycle Transportation Account Compliance Plans for the cities of: Arvin, McFarland, Maricopa, Taft, Ridgecrest Shafter and Wasco (Consultant) (June 2017) (\$56,500).
2. Active Transportation Plan for Kern County (June 2017) (\$250,000).

## Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	ATP	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$31,483							\$50,000	\$81,483	\$0	\$9,346	\$0	\$0
Consultant		\$50,000		\$250,000				\$60,000	\$35,000	\$395,000				
Capital										\$0				
Total	\$0	\$81,483	\$0	\$250,000	\$0	\$0	\$0	\$60,000	\$85,000	\$476,483	\$0	\$9,346	\$0	\$0

**Kern Council of Governments**

**OVERALL WORK PROGRAM – FY 2016/2017**

**Work Element # 608.2 – PEDESTRIAN TRANSPORTATION PLANNING**

**Purpose & Goal\***

Conduct a pedestrian transportation facilities’ planning study to encourage and allow pedestrian modes of transportation as a viable, safe and economical alternative to motorized travel within Kern County.

\*Meets the following planning emphasis areas for California: Enhance travel and tourism.

**Previous Work**

1. 1994 Environmental Assessment of Kern River Bike Path between Hart Park and California Living Museum;
2. 1994 Kern River Bike Path Alignment Study Update;
3. 1989 Kern River Bike Path Alignment Study; and
4. 1984 Metropolitan Bakersfield Bicycle Plan.

**Study Design (Tasks & Responsible Agency)**

1. Determine the number of pedestrian facilities constructed throughout the region.
2. Develop mapping of current facilities;
3. Identify anticipated funding streams;
4. Complete environmental assessment of recommended pedestrian transportation facilities;
5. Submit plan to public review;
6. Receive and respond to public comments;
7. Adoption of plan by Kern COG; and
8. Review and rank pedestrian projects under California’s Active Transportation Program.
9. Analyze pedestrian traffic count program data for the Kern County Active Transportation.
10. Incorporate transit planning considerations in coordinating bicycle and pedestrian planning for the Kern County Active Transportation Plan.

**End Products (Schedule)**

1. Active Transportation Plan for Kern County

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$37,444								\$37,444	\$0	\$4,295	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$37,444	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$37,444	\$0	\$4,295	\$0	\$0

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element # 609.1 – TRANSPORTATION DEMAND MANAGEMENT

##### **Purpose & Goal\* \*\***

To produce a Transportation Demand Management (TDM) Program that encourages alternatives to single occupant vehicle commuting throughout Kern County.

\*Meets the following planning emphasis areas for California: Improve the resiliency and reliability of the transportation system; Enhance travel and tourism.

\*\* Meets the following Federal Planning Emphasis Areas: MAP-21 Implementation and Ladders of Opportunity.

##### **Previous Work**

1. Rideshare Week 2006-2015;
2. Clean Air Month promotion and coordination;
3. Presentations to employers, community groups and schools;
4. Assistance to employers in developing rideshare programs;
5. Update and maintenance of ride match database;
6. Vanpool, bus, telework, pedestrian and bicycling promotion;
7. Park-and-ride facility development; and
8. Guaranteed Ride Home program management.

##### **Study Design (Tasks & Responsible Agency)**

1. Provide TDM outreach services (called CommuteKern) to individuals, employers and educational institutions. Service includes training, educating and working with Employee Transportation Incentive Program (eTRIP) Coordinators;
2. Provide rideshare matching, vanpool management, GIS maps of transit routes, and mile tracking services via Trapeze software.
3. Respond to inquiries related to alternate forms of commuting;
4. Develop and distribute TDM promotional items and materials;
5. Coordinate local activities for California Rideshare Week, Clean Air Month and other special promotional events. Partner with local agencies as appropriate;
6. Maintain and enhance Kern COG's Rideshare website, [www.CommuteKern.org](http://www.CommuteKern.org);
7. Promote CommuteKern services and events through media releases, advertising, social media and public outreach; and
8. Support efforts to expand park-and-ride capacity throughout Kern County through planning, outreach, and response to requests for assistance.

##### **End Products (Schedule)**

1. Advertising and marketing materials. (as needed) (\$42,000)
2. Website [www.CommuteKern.org](http://www.CommuteKern.org). (ongoing) (Consultant) (\$15,000)
3. Rideshare Week. (October 2016) (\$40,500).
4. TDM Outreach and promotions highlighting company employees who rideshare. (monthly) (\$55,000).



5. Clean Air Month. (May 2017) (\$25,000).
6. Electronic newsletter. (bi-monthly) (\$5,000).
7. Employer Trip Reduction Incentive Program (eTRIP) Coordinator Meetings. (quarterly) (\$5,145).
8. Employer rideshare events (as requested) (\$40,000).

## Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG				\$182,253					\$14,909	\$197,162	\$0	\$0	\$0	\$0
Consultant				\$10,000					\$10,000	\$20,000				
Capital										\$0				
Total	\$0	\$0	\$0	\$192,253	\$0	\$0	\$0	\$0	\$24,909	\$217,162	\$0	\$0	\$0	\$0

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element # 610.1 – FREIGHT PLANNING

##### **Purpose & Goal\* \*\***

Facilitate commercial vehicle operations (CVO) and interregional freight movement to ensure representation from all modes of the freight industry.

\*Meets the following planning emphasis areas for California: Improve the resiliency and reliability of the transportation system; Reduce or mitigate storm water impacts of surface transportation and; Enhance travel and tourism.

\*\* Meets the following Federal Planning Emphasis Areas: MAP-21 Implementation; Models of Regional Planning Cooperation and Ladders of Opportunity.

##### **Previous Work**

1. San Joaquin Valley (SVJ) Interregional Goods Movement Plan (March 2013).
2. Kern Goods Movement Strategy (September 2012).
3. I-5/SR-99 Origins and Destinations Truck Study (October 2009).
4. SR-58 Origins and Destinations Truck Study (February 2009);
5. Caltrans Goods Movement Study for US-395 Corridor (June 2006);
6. San Joaquin Valley Movement Studies, Phase I (2000) and Phase II (2002);
7. Caltrans 2000 Statewide Freight Study;
8. April 1999 Kern COG Freight Survey;
9. 2000 San Joaquin Valley (SVJ) Goods Movement Study;
10. 1994 Sunset Rail Line Study;

##### **Study Design (Tasks & Responsible Agency)**

1. Contact other agencies involved in freight programs for review and application to Kern County;
2. Coordinate with Caltrans on further statewide truck travel studies and I-5 Corridor Study;
3. Coordinate with FHWA on development of the primary freight network;
4. Coordinate with SVJ COGs on development of the SVJ Goods Movement Sustainable Implementation Plan.
5. Coordinate with other ongoing studies such as the Southern California Freight and Port Study and State Freight Plan Development;
6. Evaluate goods movement and truck study data to propose improvement projects for freight movement and connectivity, e.g. truck lanes, off-ramp improvements etc.
7. Perform truck model evaluation.

##### **End Products (Schedule)**

1. SVJ Interstate 5 Corridor Study. (Feb 2017) (\$8,500)
2. Analyses and recommendations for goods movement and connectivity projects. (as needed).
3. Phase 2 – SVJ Goods Movement Sustainable Implementation Plan (March 2017).

# Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$37,425							nh	\$37,425	\$0	\$4,293	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$37,425	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$37,425	\$0	\$4,293	\$0	\$0

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element # 610.4 – FREIGHT RAIL PLANNING

##### **Purpose & Goal\* \*\***

Study commercial vehicle operations (CVO) for interregional freight movement to ensure representation from all modes of the freight industry.

\*Meets the following planning emphasis areas for California: Improve the resiliency and reliability of the transportation system; Reduce or mitigate storm water impacts of surface transportation and; Enhance travel and tourism.

\*\* Meets the following Federal Planning Emphasis Areas: MAP-21 Implementation; Models of Regional Planning Cooperation and Ladders of Opportunity.

##### **Previous Work**

1. Short-Line Rail Study Phase II (March 2012)
2. Railroad Grade Separation Study (Jan. 2011)
3. Short-Line Rail Study Phase I (Dec. 2010)
4. I-5/SR-99 Origin and Destination Truck Study (Oct. 2009).
5. SR-58 Origin and Destination Truck Study (Feb. 2009);
6. San Joaquin Valley Movement Studies, Phase I (2000) and Phase II (2002);
7. Caltrans 2000 Statewide Freight Study;
8. 2000 San Joaquin Valley Goods Movement Study;
9. April 1999 Kern COG Freight Study;
10. 1994 Sunset Rail Line Study;

##### **Study Design (Tasks & Responsible Agency)**

1. Contact agencies involved in freight programs for review and application to Kern County;
2. Coordinate with Caltrans on further studies;
3. Coordinate with other ongoing studies, such as the Southern California ITS Priority Corridor, Commercial Vehicle Operations committee and San Joaquin Valley Goods Movement Study;
4. Analyze future use of short-line rail for goods movement;
5. Prioritize safety improvements for goods movement along railroads; and
6. Assist the Central California Railroad Authority in developing/achieving annual goals.

##### **End Products (Schedule)**

1. Central California Rail Shippers and Receivers Association meetings (ongoing). (\$1,000)
2. Phase 2 – San Joaquin Valley Goods Movement Sustainable Implementation Plan. (March 2017) (\$10,000)
3. Grade separation project analysis (as needed). (\$5,000)
4. Short-haul rail project analysis (as needed). (\$5,000)

# Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$11,022								\$11,022	\$0	\$1,264	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$11,022	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,022	\$0	\$1,264	\$0	\$0

## **700 RECREATION AND OPEN SPACE**

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Planning for recreational opportunities and open space is an integral part of the regional planning process, with particular emphasis on housing, environmental and transportation issues. The non-motorized element of the Regional Transportation Plan addresses recreational aspects of bicycling and pedestrian circulation.

No projects are programmed in FY 2016-2017.

## **800 EDUCATION**

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Continuing education is an important aspect of the planning profession in order to facilitate effective responses to changing community needs and desires. Kern COG encourages staff members to take advantage of available education opportunities. Kern COG also encourages staff members to make full use of FHWA, FTA and other public agency sponsored workshops and training courses.

Professional development is another important aspect of the planning profession. Kern COG frequently hires interns from local college programs and provides them with hands-on professional planning experience.

**Kern Council of Governments**

**OVERALL WORK PROGRAM – FY 2016/2017**

**Work Element #801.1 – GRANT WRITING**

**Purpose & Goal**

Kern COG staff will provide grant-writing services to member agencies as well as other public agencies.

**Previous Work**

Technical assistance to member agencies to address regional and sub-regional issues.

**Study Design (Tasks & Responsible Agency)**

1. Evaluate potential grants for eligibility; notify member agencies or Kern COG staff of relevant new grant opportunities. (ongoing)
2. Research, schedule, prepare and collaborate on grant applications. (ongoing)
3. Provide oral and written grant descriptions and progress reports to senior staff and public officials. (quarterly)
4. Attend meetings of Kern COG’s Governing Board and technical planning committees as needed;
5. Prepare quarterly progress reports for meetings of the governing board and technical planning committees as needed;

**End Products (Schedule)**

1. Grant searches for each jurisdiction’s priority project lists (quarterly) (\$25,560)
2. Grant applications. (as needed) (\$47,805)

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PFM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG									\$62,664	\$62,664	\$0	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$62,664	\$62,664	\$0	\$0	\$0	\$0



## **900 INTERGOVERNMENTAL COORDINATION**

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The Clearinghouse function requires an extensive program of review and comment involving many agencies and organizations within the region. These activities assure that proposed projects can be evaluated in relation to existing development, socioeconomic impact, transportation impact and local plans of environmental concerns.

The comprehensive planning process requires an ongoing and intensive coordination effort. Each planning element and planning jurisdiction is involved. This program is designed to provide technical assistance to the member agencies that have special needs. Proposed planning activity and demographic information is provided to the public, and citizens are offered an opportunity to assist in evaluating the appropriateness of plans that affect them.

## **Kern Council of Governments**

### **OVERALL WORK PROGRAM – FY 2016/2017**

#### **Work Element #902.1 – REGIONAL TECHNICAL ASSISTANCE**

##### **Purpose & Goal**

To improve coordination among local jurisdictions on issues of common concern. Provide transportation-related leadership and technical assistance to member agencies to address regional and subregional issues, including sustainable development practices.

##### **Previous Work**

1. Workshops;
2. Technical assistance publications;
3. General plans;
4. Other planning and management projects;
5. Rosamond Visioning Process;
6. Tehachapi Bicycle Master Plan;
7. Arvin Jewett Square Bicycle Plan;
8. Bakersfield, California City, McFarland, Tehachapi Land Use and Circulation Element updates;
9. Bakersfield Habitat Conservation Plan;
10. Kern County Habitat Conservation Plan
11. McFarland Bicycle Plan;

##### **Study Design (Tasks & Responsible Agency)**

1. Provide planning and management services to meet special transportation needs of Kern COG member agencies.
2. Provide assistance in land use and transportation planning, programming and budgeting to cities with limited staffing capabilities.
3. Assist in developing land use and circulation element updates/urban development strategies and master environmental assessments; incorporate updated information into Kern COG traffic and land use models.
4. Assist member agencies with development and analysis of land use information as it relates to transportation, housing and jobs. (Kern COG/consultant)
5. Assist member agencies with development and analysis of transportation and circulation information.
6. Assist member agencies with “Quick Response” Transportation Plan Analysis.

##### **End Products (Schedule)**

1. Memorandums of agreement with member agencies (as needed)

# Revenue Budget

AGENCY	FHWA				FTA			STIP PFM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG									\$5,090	\$5,090	\$0	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,090	\$5,090	\$0	\$0	\$0	\$0

**Kern Council of Governments**

**OVERALL WORK PROGRAM – FY 2016/2017**

**Work Element # 903.1 – INFORMATION AND DATA MANAGEMENT**

**Purpose & Goal**

To provide socio-economic information concerning the Kern County region.

**Previous Work**

1. Database of socio-economic information related to Kern County;
2. Federal Home Mortgage Disclosure Repository;
3. State Census Data Center Affiliation certification;
4. Assist governmental agencies, business interests and the general public with accessing and interpreting socio-economic information; and
5. Assist in the development of Kern COG's regional transportation model.

**Study Design (Tasks & Responsible Agency)**

1. Develop and maintain socio-economic information to support Kern COG's travel demand and air quality planning programs;
2. Maintain U.S. Federal Reserve System Home Mortgage Disclosure Repository;
3. Maintain California State Census Data Center Affiliate status;
4. Prepare California State Census Data Center reports;
5. Host workshops related to socio-economic information in the Kern region;
6. Archive U.S. Census reports and provide library space for public inspection of the documents, including Home Mortgage Disclosure information;
7. Provide socio-economic information related to the Kern region, including requests from member agencies, non-member agencies, private businesses and the general public; and
8. Attend related workshops and training sponsored by the California State Census Data Center and the U.S. Bureau of the Census.

**End Products (Schedule)**

1. Update community profiles for inclusion in Kern COG website.
2. Socio-economic information database related to the Kern County area (Ongoing) (\$80,000).

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PFM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$42,762								\$42,762	\$0	\$4,905	\$0	\$0
Consultant										\$0				
Capital										\$0				
<b>Total</b>	\$0	\$42,762	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42,762	\$0	\$4,905	\$0	\$0

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element # 903.2 – DECENNIAL CENSUS COORDINATION

#### Purpose & Goal

Coordinate decennial Census activity within the Bakersfield-Delano Metropolitan Statistical Area.

#### Previous Work

1. Designated Executive Director as “Key Person” for Year 2020 Census; and
2. California State Census Data Center Affiliate.

#### Study Design (Tasks & Responsible Agency)

1. Coordinate between Census Bureau and “Key Person”;
2. Respond to requests for information related to 2010 Census;
3. Develop Census profiles for cities and communities within Kern County.

#### End Products (Schedule)

1. Distribution of 2010 Census data to information users. (\$1,500)
2. Maintain Census publications for public use. (\$1,000)
3. Assist information users with data access and interpretation. \$(7,000)

#### Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$7,165								\$7,165	\$0	\$822	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$7,165	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,165	\$0	\$822	\$0	\$0

## **Kern Council of Governments**

### **OVERALL WORK PROGRAM – FY 2016/2017**

#### **Work Element # 906.1 – INTERREGIONAL TRANSPORTATION COORDINATION**

##### **Purpose & Goal\*\***

To coordinate transportation and air quality planning activities among the eight San Joaquin Valley (SJV) transportation planning agencies, including the advisory SJV Policy Council; California Department of Transportation (Caltrans); the San Joaquin Valley Air Pollution Control District (SJVAPCD), Inyo and Mono Counties; San Luis Obispo Council of Governments and; the Southern California Association of Governments (SCAG).

\*\* Meets the following Federal Planning Emphasis Areas: Models of Regional Planning Cooperation.

##### **Previous Work**

1. San Joaquin Valley Regional Planning Agency MOU, Eastern Sierra MOU, and San Luis Obispo Council of Governments MOU;
2. San Joaquin Valley Transportation Modeling Committee;
3. Federal Transportation Improvement Program coordination;
4. California State Implementation Plan with SJVAPCD and Kern APCD;
5. SCAG/Kern COG Planning Coordination;
6. 2006-2015 San Joaquin Valley Regional Planning Agencies' policy conferences;
7. 2005-2015 San Joaquin Valley Legislative Affairs Committee for legislation of common interest;
8. San Joaquin Valley Overall Work Program.

##### **Study Design (Tasks & Responsible Agency)**

1. Attend San Joaquin Valley Regional Transportation Planning Agencies (SJV COGs) meetings on transportation-related issues;
2. Meet and confer with Caltrans Districts 6 and 10 and the San Joaquin Valley Air Pollution Control District on transportation and air quality planning processes;
3. Coordinate with Inyo, Mono, San Bernardino Counties, SCAG, Caltrans District 6 and District 9 to discuss transportation issues and participate in long-range planning activities to address transportation models;
4. Attend Eastern Sierra Aviation Association meetings;
5. Coordinate and attend policy meetings with SCAG; and
6. Coordinate long-range planning activities with SCAG;
7. Participate in SJV Regional Policy Council meetings and annual conference.
8. Attend regular California Association of Council of Governments (CalCOG) meetings with other MPOs and RTPAs statewide.

##### **End Products (Schedule)**

1. San Joaquin Valley Regional Transportation Planning Agencies meetings (ongoing) (\$75,000);
2. San Joaquin Valley transportation/air quality planning process. (consultant) (ongoing) (\$45,000);

3. San Joaquin Valley transportation planning agencies work plan/Policy Council coordination (\$27,000) (consultant) (ongoing);
4. Air quality planning study (as needed) (\$25,000);
5. Kern COG/SCAG coordination meetings (\$5,000);
6. San Joaquin Valley Regional Planning Agencies Policy Conference (February 2017) (\$5,000).

## Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$108,783								\$108,783	\$0	\$12,477	\$0	\$0
Consultant								\$72,000		\$72,000				
Capital										\$0				
Total	\$0	\$108,783	\$0	\$0	\$0	\$0	\$0	\$72,000	\$0	\$180,783	\$0	\$12,477	\$0	\$0

**Kern Council of Governments**

**OVERALL WORK PROGRAM – FY 2016/2017**

**Work Element #906.2 – LOCAL CLEARINGHOUSE REVIEW PROGRAM**

**Purpose & Goal**

To make federal, state and local program and project proposals available for public review; determine consistency with regional comprehensive plans; and ensure adequate mitigation is proposed for impacts.

**Previous Work**

Areawide clearinghouse; grant applications.

**Study Design (Tasks & Responsible Agency)**

1. Review federal programs and proposals, including urban impact assessment and all transportation-related proposals.
2. Review of state plans, environmental documents and local plans and programs.
3. Update and implement MOUs and agreements.
4. Forward appropriate documents and proposals to interested individuals and agencies.
5. Obtain and file copies of grant applications and project/program proposals.

**End Products (Schedule)**

1. Summary of grants and reviews. (As requested) (\$1,000)

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG									\$982	\$982	\$0	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$982	\$982	\$0	\$0	\$0	\$0



## **1000 PROGRAM PLANNING AND ADMINISTRATION**

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The regional planning process, in order to successfully coordinate the integration of programs and encourage comprehensive planning, requires complex internal functions. Compliance with local, state and federal governmental programs, identifying area-wide needs, directing programs to meet those needs and coordinating programs from each level to complement the comprehensive planning efforts of the area requires extensive management and financial support.

**Kern Council of Governments**

**OVERALL WORK PROGRAM – FY 2016/2017**

**Work Element # 1001.1 – LOCAL REIMBURSEMENT**

**Purpose & Goal**

To provide local reimbursement for travel and promotional costs that are not eligible for federal reimbursement.

**Previous Work**

1. Kern COG-related travel;
2. Distribute promotional items at community events.

**Study Design (Tasks & Responsible Agency)**

1. Travel costs that exceed those allowed to employees of the State of California;
2. To provide local funding for the purchase of Kern COG promotional items.

**End Products (Schedule)**

1. Kern COG promotional items. (As needed) (\$10,000)

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PFM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG									\$17,000	\$17,000	\$0	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,000	\$17,000	\$0	\$0	\$0	\$0

**Kern Council of Governments**

**OVERALL WORK PROGRAM – FY 2016/2017**

**Work Element # 1001.2 – LEGISLATIVE PROGRAM**

**Purpose & Goal**

To improve the Kern region’s potential for future state and federal transportation, housing, water, air quality and/or energy-related funding.

**Previous Work**

1. Kern COG’s regional federal legislative advocacy trip;
2. San Joaquin Valley COGs federal legislative advocacy trip;
3. Kern COG’s regional state legislative advocacy trip; and
4. San Joaquin Valley COGs state legislative advocacy trip.
5. SB 325 (2011) Central California Rail Authority
6. ACA 23 (2012) Transportation Sales Tax Measures—Voter Threshold
7. SB 516 (2015) Transportation: Motorist Aid Services

**Study Design (Tasks & Responsible Agency)**

1. Meetings, correspondence with lobbying consultants;
2. Craft legislative proposals and amendments;
3. Coordinate regional and Valleywide lobbying trips; and
4. Develop white papers, fact sheets, talking point summaries, etc. for regional and Valleywide legislative advocacy trips.

**End Products (Schedule)**

1. New legislation related to transportation, housing, water, air quality and/or energy. (as required) (\$20,000);
2. Legislative amendments regarding transportation, housing, water, air quality and/or energy-related bills (as required) (\$20,000);
3. San Joaquin Valley COGs federal legislative advocacy trip. (September 2016) (\$12,000);
4. San Joaquin Valley COGs state legislative advocacy trip. (March 2017) (\$6,000);

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG									\$48,569	\$48,569	\$0	\$0	\$0	\$0
Consultant									\$7,000	\$7,000				
Capital										\$0				
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$55,569	\$55,569	\$0	\$0	\$0	\$0

## **Kern Council of Governments**

### **OVERALL WORK PROGRAM – FY 2016/2017**

#### **Work Element #1001.3 - TRANSPORTATION DEVELOPMENT ACT (TDA) PROGRAM**

##### **Purpose & Goal**

To effectively manage programs and funds developed pursuant to the Transportation Development Act (TDA), California Public Utilities Code Sections 99200, et. seq.

##### **Previous Work**

1. Prior year records and reports, including: financial transactions, claims, applications, resolutions, financial/compliance audits and performance audits.

##### **Study Design (Tasks & Responsible Agency)**

1. Create and manage the Local Transportation Fund and the State Transit Assistance Fund in accordance with state statutes and regulations and Kern COG program policy;
2. Maintain the local program rules and regulations manual;
3. Prepare an annual estimate of area apportionments; advise claimants of quarterly trust fund subsidiary account activity and balances;
4. Assist prospective claimants with annual claims, project lists and local program administration;
5. Review, approve and process all claims and financial transactions;
6. Maintain general and subsidiary ledgers and books of original entry in accordance with generally accepted accounting principles; prepare periodic account reconciliations;
7. Prepare periodic financial statements and claim status reports;
8. Conduct annual financial and compliance audit of Kern COG and each claimant contract for and appropriate financial reports by an independent, certified public accountant (consultant);
9. Conduct a triennial performance audit of Kern COG and each transit claimant and contract appropriate reports by a qualified firm (consultant);
10. Coordinate the Kern Social Service Transportation Advisory Committee and social services transit providers; oversee the Consolidated Transportation Service Agency;
11. Conduct annual determination, analysis and resolution of unmet transit needs;
12. Prepare and approve the Annual Pedestrian and Bikeway Program of Projects; review projects as necessary;
13. Attend TDA administration seminars;
14. Monitor transit ridership and performance data monthly; conduct quarterly transit service operators' meetings; and
15. Update Kern County's Coordinated Human Services Transportation Plan (CHSTP) every five years.

## End Products (Schedule)

1. Source journals, including cash receipts, cash disbursements, accounts receivable and claims payable. (monthly) (\$5,500);
2. Financial statements and status reports, including a balance sheet and statement of revenues and disbursements. (monthly) (\$5,500);
3. Annual estimate of area apportionments. (March 2016) (\$5,500);
4. Subsidiary trust account statements. (quarterly)
5. Annual claims and applications. (Transit March 2016); (Pedestrian/Bike August 2016); (streets/roads September 2016) (\$5,500);
6. Annual financial and compliance audit reports. (Consultant = \$130,000)
7. Triennial performance audit reports. Functional audits. (as required)
8. Metro CTSA monitoring and evaluation report. (ongoing)
9. Annual TDA Pedestrian and Bikeway Program of Projects (\$5,500);
10. Countywide ridership report. (January 2017) (\$5,500);
11. Unmet transit needs finding and documentation. (June 2017) (\$5,500);
12. Coordinated Human Services Transportation Plan Update. (as required)
13. Social Service Transportation Advisory Committee meetings. (quarterly) (\$5,500);
14. Special Transit Studies (as required) (Consultant = \$75,000)
15. Monitor and evaluate the Social Service Transit Program in the Metro Bakersfield area. (\$5,500);

## Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG									\$95,648	\$95,648	\$0	\$0	\$0	\$0
Consultant									\$130,000	\$130,000				
Capital										\$0				
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$225,648	\$225,648	\$0	\$0	\$0	\$0

## **Kern Council of Governments**

### **OVERALL WORK PROGRAM – FY 2016/2017**

#### **Work Element # 1001.4 – INFORMATION SERVICES AND TRIBAL CONSULTATION**

##### **Purpose & Goal**

To inform and involve the public, member agencies and tribal governments in the decision-making process on issues affecting the Kern region, and to comply with Federal MAP-21 public participation requirements.

##### **Previous Work**

1. Public Involvement Procedures;
2. Kern COG Quarterly Newsletter; news releases;
3. Kern COG's Annual Report;
4. Informational brochures;
5. Public meetings and workshops coordination;
6. Meeting Briefs;
7. Kern COG webpage and Areawide Directory;
8. Legislative tracking and reporting;
9. Policy development and analysis;
10. Attend community events;
11. Community flier development and distribution;
12. Multi-media advertising development and distribution, including radio, social media and other Web-based formats;
13. Regional Awards of Merit program; and
14. Kern COG Art Contest.

##### **Study Design (Tasks & Responsible Agency)**

1. Compose, publish and distribute the Kern COG Quarterly, Legislative Watch, Kern COG Express;
2. Compose and update various brochures, letters, memos, news releases and publications, including the Annual Report; Board Actions; Outreach Efforts and Areawide Directory, providing information regarding Kern COG, its member agencies and its activities;
3. Provide staff support for public participation efforts concerning regional issues;
4. Maintain and contribute to electronic and postal contact database for correspondence with member agencies and the public;
5. Maintain a public involvement program that complies with state open meeting laws and MAP-21 provisions;
6. Maintain involvement with community groups including: Cultiva La Salud; the Dolores Huerta Foundation; Center for Race, Poverty and the Environment; the Greater Bakersfield Chamber of Commerce; Natural Resources Defense Council; Kern Transportation Foundation; environmental justice organizations; healthy lifestyle advocate groups and others;

7. Engage, consult and coordinate with tribal governments, and specifically the Tejon Indian Tribe, regarding the transportation planning process;
8. Implement public involvement procedures, including legal notices, announcements, advertisements and product/project specific newsletter publication and conduct related workshops and meetings;
9. Compose, publish and maintain Kern COG's website ([www.kerncog.org](http://www.kerncog.org)) and Facebook page;
10. Track and report on relevant legislation;
11. Develop and implement public involvement procedures evaluation methodology to assess strengths and weaknesses;
12. Develop, distribute and evaluate community transportation surveys;
13. Document and evaluate Kern COG's environmental justice process; and
14. Broadcast Kern COG Board meetings on the local government channel.

### End Products (Schedule)

1. Kern COG Quarterly. (Sept. 2016, Dec. 2016, March 2017, June 2017);
2. Informational brochures and news releases. (as required);
3. Kern COG internet website. (KCSOS=\$20,000) (ongoing);
4. Public involvement forums. (Kern Trans. Foundation = \$30,000) (June 2017);
5. Board meetings and other broadcasts. (KGOV = \$45,500) (ongoing);
6. Regional Awards Program. (\$20,000) (March 2017) (Non-reimbursable).

### Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG		\$104,725								\$104,725	\$0	\$23,998	\$0	\$0
Consultant		\$104,500								\$104,500				
Capital										\$0				
Total	\$0	\$209,225	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$209,225	\$0	\$23,998	\$0	\$0

**Kern Council of Governments**

**OVERALL WORK PROGRAM – FY 2016/2017**

**Work Element # 1001.5 – OVERALL WORK PROGRAM (OWP)  
DEVELOPMENT AND MONITORING**

**Purpose & Goal**

Prepare and administer the annual work program, budget and quarterly reports; maintain an ongoing transportation planning process; involve local technical staff, administrative officers, Caltrans, tribal governments and elected officials in the transportation planning process.

**Previous Work**

1. 2015-16 Kern COG financial plan and OWP development;
2. Public notices, announcements and workshops announcing the OWP.
3. 2015-16 Financial plan and OWP monitoring and monthly cost allocation;
4. 2015-16 Consolidated Planning Grant (CPG) invoices;

**Study Design (Tasks & Responsible Agency)**

1. Coordinate and prepare the Overall Work Program (OWP);
2. Prepare documentation for financial audits;
3. Prepare and reconcile monthly cost allocation tables for invoicing;
4. Submit monthly OWP reporting and billing to Caltrans, FWHA and FTA;
5. Quarterly reporting for 5307 and 5311 grants to DOT.

**End Products (Schedule)**

1. Fourth quarter reporting for 2015-16;
2. Quarterly reporting for 2016-17 fiscal year;
3. OWP and related public participation documentation for 2016-17;
4. Coordinate 2016-17 OWP preparation.

**Revenue Budget**

AGENCY	FHWA				FTA			STIP PFM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG									\$307,661	\$307,661	\$0	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$307,661	\$307,661	\$0	\$0	\$0	\$0



## **2000 Traveler Information & Assistance**

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The Kern Motorist Aid Authority (KMAA) was created on May 19, 1988. The Authority imposes a fee, not to exceed \$1.00 per year, on non-exempt motor vehicles registered within the county. The additional fee is collected by the California Department of Motor Vehicles (DMV) at the time of vehicle registration or renewal.

The purpose of the Authority is to finance, implement, operate and maintain a motorist aid system pursuant to California Streets and Highways Code Sections 2550-2560. The system may include call boxes located on the California freeway and expressway system, and on county routes which connect segments of the California freeway and expressway system that are under the jurisdiction of the California Highway Patrol (CHP).

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element # 2001.1 – KMAA SYSTEM IMPLEMENTATION AND OPERATIONS

##### Purpose & Goal

To operate a comprehensive network of roadside motorist aid call boxes within Kern County.

##### Previous Work

1. The Call Box Retrofit & Upgrade Project. (September 2009);
2. The Call Box Program Evaluation & Needs Assessment (June 2006);
3. The CalSAFE “Call Box Crash Worthiness Study” (June 2004);
4. The KMAA “Ten-Year Strategic Plan” (1998-2008);
5. Existing roadside call box service along all state and interstate routes;

##### Study Design (Tasks & Responsible Agency)

1. Investigate call box network modifications and expansions;
2. Evaluate new technological capabilities developed for call boxes;
3. Identify and define local issues related to network design and operation;
4. Develop site plans and standards for installing call boxes on approved routes;
5. Provide for call box installation and removal pursuant to approved plans;
6. Survey call box sites for ADA compliance;
7. Provide for the periodic preventive, corrective maintenance of network hardware;
8. Provide for regular and reliable radio, cellular or other communication services;
9. Provide for and analyze periodic statistical reports regarding call box use.

##### End Products (Schedule)

1. Call Box Use Statistical Reports. (quarterly)
2. Knockdown and vandalism report. (quarterly)
3. Special studies. (as developed)

##### Revenue Budget

AGENCY	FHWA				FTA			STIP PPM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG									\$19,393	\$19,393	\$0	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
<b>Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,393	\$19,393	\$0	\$0	\$0	\$0

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element # 2002.1 – KMAA ADMINISTRATION

#### Purpose & Goal

Provide effective and efficient operation of the Kern Motorist Aid Authority through management oversight and control of services and operations.

#### Previous Work

1. Participate in the California Service Authority for Freeways and Expressways Committee (CalSAFE);
2. Maintain a financial accounting system in accordance with GAAP and enterprise fund accounting, including a general ledger and books of original entry; prepare quarterly financial statements; and process monthly reconciliations; and
3. Prepare periodic management reports regarding contract status, service performance and related matters.

#### Study Design (Tasks & Responsible Agency)

1. Review proposed legislation, regulations and guidelines regarding call box services;
2. Develop and maintain an ongoing public education program;
3. Prepare an annual KMAA work program and budget;
4. Review and approve for payment invoices for purchases & contractual services;
5. Receive and process cash receipts and payments on account;
6. Process the allocation of all costs incurred in accordance with an approved cost allocation plan;
7. Maintain a financial accounting system in accordance with GAAP and enterprise fund accounting, including a general ledger and books of original entry; prepare quarterly financial statements; and process monthly reconciliations; and
8. Provide for an annual financial and compliance audit by an independent certified public accountant for the purpose of attesting to and certifying records, internal control procedures and results of operations.

#### End Products (Schedule)

1. Annual work plan and budget.
2. Financial statements. (quarterly)

#### Revenue Budget

AGENCY	FHWA				FTA			STIP PFM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG									\$19,239	\$19,239	\$0	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,239	\$19,239	\$0	\$0	\$0	\$0

## Kern Council of Governments

### OVERALL WORK PROGRAM – FY 2016/2017

#### Work Element # 2005.1 – 511 SYSTEM IMPLEMENTATION AND OPERATIONS

#### Purpose & Goal

To design and operate a comprehensive 511 system for traveler information.

#### Previous Work

1. Integrate with other motorist aid and transportation demand management programs;
2. Integrate the Kern 511 Traveler Information System with the San Joaquin Valley Regional Transportation Planning Agencies 511 system;
3. Identify and define local issues related to network design and operation;
4. Develop System Engineering Management Plan for Kern 511;
5. Perform quality assurance testing of Kern 511 Traveler Information System i.e. functional testing, integration testing and user acceptance testing; and
6. Promote the Kern 511 Traveler Information System through advertising and outreach.

#### Study Design (Tasks & Responsible Agency)

1. Investigate 511 network modification and expansion possibilities;
2. Evaluate new technological capabilities developed for 511 systems;
3. Coordinate with 511 consultant to develop a system hosting and maintenance plan providing for routine updates and quality analysis of data;
4. Provide periodic preventive and corrective maintenance of network hardware;
5. Continue the Kern 511 Traveler Information System Marketing Plan; and
6. Provide for and analyze periodic statistical reports regarding 511 usage.

#### End Products (Schedule)

1. Update Kern 511 Traveler Information System, including interactive voice recognition and website capabilities. (ongoing)
2. Kern 511 Traveler Information System Marketing Plan (periodically); and
3. Identify potential modifications and/or expansions to the 511 network. (ongoing)

#### Revenue Budget

AGENCY	FHWA				FTA			STIP PFM	Local	TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG									\$32,902	\$32,902	\$0	\$0	\$0	\$0
Consultant										\$0				
Capital										\$0				
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$32,902	\$32,902	\$0	\$0	\$0	\$0

**VII. SUMMARY FINANCIAL TABLE/FOOTNOTE LEGEND**



Kern Council of Governments  
 FY 2016-2017 Overall Work Program  
 Financial Summary Chart  
FOOTNOTE LEGEND

- (4) Grantor Agency: Federal Transit Administration  
 Designated Recipient: California Department of Transportation Division of Transportation Planning  
 Program: Section 5304 Technical Planning Assistance (Rural)  
 WorkElement: 606.2, 606.3, 606.4

Funding:	<u>Grantor</u>	<u>Local Match</u>
PY Carryover	\$ -	\$ -
2016-2017 Allocation	\$ -	\$ -
Unprogrammed	\$ -	\$ -
TOTAL	<u>\$ -</u>	<u>\$ -</u>

- (5) Grantor Agency: Federal Transit Administration  
 Designated Recipient: California Department of Transportation Division of Transportation Planning  
 Program: Section 5303 Metropolitan Planning Assistance (Urban)  
 WorkElement: 101.1, 103.1, 201.1, 201.3, 203.4, 204.1, 601.1

Funding:	<u>Grantor</u>	<u>Local Match</u>	<u>Toll Credits</u>
PY Carryover	\$ 69,256		\$ 7,944
2016-2017 Allocation	\$ 297,787		\$ 34,156
Unprogrammed	\$ -	\$ -	
TOTAL	<u>\$ 367,043</u>	<u>\$ -</u>	<u>\$ 42,100</u>

- (7) Grantor Agency: Federal Highway Administration  
 Designated Recipient: California Department of Transportation  
 Program: FHWA-PL (Formula Planning)  
 WorkElement: Various

Funding:	<u>Grantor</u>	<u>Local Match</u>	<u>Toll Credits</u>
PY Carryover	\$ 1,298,800		\$ 148,972
2016-2017 Allocation	\$ 1,410,208		\$ 161,751
Unprogrammed	\$ (238,678)		\$ (27,376)
TOTAL	<u>\$ 2,470,330</u>	<u>\$ -</u>	<u>\$ 283,347</u>

- (9) Grantor Agency: Federal Highway Administration  
 Designated Recipient: California Department of Transportation  
 Program: Regional Surface Transportation Program  
 WorkElement: 603.2

Funding:	<u>Grantor</u>	<u>Local Match</u>
PY Carryover	\$ -	\$ -
2016-2017 Allocation	\$ 79,677	\$ 10,323
Unprogrammed		\$ -
TOTAL	<u>\$ 79,677</u>	<u>\$ 10,323</u>

Kern Council of Governments  
 FY 2016-2017 Overall Work Program  
 Financial Summary Chart  
FOOTNOTE LEGEND

(10) Grantor Agency: Federal Highway Administration  
 Designated Recipient: California Department of Transportation  
 Program: Congestion Mitigation Air Quality (CMAQ)  
 WorkElement: 609.1

	Grantor	Local Match
Funding:		
PY Carryover	\$ -	\$ -
2016-2017 Allocation	\$ 204,876	\$ 26,544
Unprogrammed	\$ (12,623)	\$ (1,635)
TOTAL	\$ 192,253	\$ 24,908

(11) Grantor Agency: California Department of Transportation  
 Designated Recipient:  
 Program: Formula Planning Subventions  
 WorkElement: N/A

	Grantor	Local Match
Funding:		
TOTAL	\$ -	\$ -

(11a) Grantor Agency: Federal Highway Administration  
 Designated Recipient: California Department of Transportation  
 Program: Active Transportation Program  
 WorkElement:

	Grantor	Local Match
Funding:		
PY Carryover	\$ -	\$ -
2016-2017 Allocation	\$ 250,000	\$ -
Unprogrammed	\$ -	\$ -
TOTAL	\$ 250,000	\$ -

(11b) Grantor Agency: California Department of Transportation  
 Designated Recipient:  
 Program: STIP PPM  
 WorkElement: 201.3, 203.4, 601.1, 604.1, 606.1, 606.7, 608.1, 906.1

	Grantor	Local Match
Funding:		
PY Carryover	\$ -	\$ -
2016-2017 Allocation	\$ 299,000	\$ -
Unprogrammed	\$ -	\$ -
TOTAL	\$ 299,000	\$ -



Kern Council of Governments  
 FY 2016-2017 Overall Work Program  
 Financial Summary Chart  
FOOTNOTE LEGEND

(13) Grantor Agency: Kern COG Member Agencies  
 Designated Recipient:  
 Program: TDA, Administration & Regional Planning Contribution  
 WorkElement: Various

Funding:	<u>Administration</u>	<u>Planning</u>	<u>Total</u>
PY Carryover	\$ 403,214	\$ -	\$ 403,214
2016-2017 Allocation	\$364,113	\$1,059,788	\$ 1,423,902
Unprogrammed	\$ (767,328)	\$ (20,178)	\$ (787,506)
TOTAL	<u>\$ (0)</u>	<u>\$ 1,039,610</u>	<u>\$ 1,039,610</u>

(14) Grantor Agency: Kern COG Member Agencies  
 Designated Recipient:  
 Program: Service Contracts and Sales  
 WorkElement: 601.6, 2001.1, 2002.1

Funding:	<u>Grantor</u>
Contracts	\$ 131,591
Member Dues	\$ -
Partnership Sales	\$ -
KMAA	\$ 71,534
Freeway Service Patrol	\$ -
AB 811	\$ -
TOTAL	<u>\$ 203,125</u>

## **VIII. INFORMATION ELEMENT/OTHER ENTITIES PLANNING ACTIVITIES**

**FTA FISCAL YEAR 2016 CERTIFICATIONS AND ASSURANCES**

**FEDERAL FISCAL YEAR 2016 CERTIFICATIONS AND ASSURANCES FOR  
FEDERAL TRANSIT ADMINISTRATION ASSISTANCE PROGRAMS**

(Signature pages alternative to providing Certifications and Assurances in TrAMS)

Name of Applicant: \_\_\_\_\_

The Applicant agrees to comply with applicable provisions of Categories 01 – 23. \_\_\_\_\_

**OR**

The Applicant agrees to comply with applicable provisions of the Categories it has selected:

<u>Category</u>	<u>Description</u>	
01.	Required Certifications and Assurances for Each Applicant.	_____
02.	Lobbying.	_____
03.	Procurement and Procurement Systems.	_____
04.	Private Sector Protections.	_____
05.	Rolling Stock Reviews and Bus Testing.	_____
06.	Demand Responsive Service.	_____
07.	Intelligent Transportation Systems.	_____
08.	Interest and Financing Costs and Acquisition of Capital Assets by Lease.	_____
09.	Transit Asset Management Plan and Public Transportation Agency Safety Plan.	_____
10.	Alcohol and Controlled Substances Testing.	_____
11.	Fixed Guideway Capital Investment Grants Program (New Starts, Small Starts, and Core Capacity Improvement).	_____
12.	State of Good Repair Program.	_____
13.	Grants for Buses and Bus Facilities and Low or No Emission Vehicle Deployment Grant Programs.	_____
14.	Urbanized Area Formula Grants Programs and Passenger Ferry Grant Program.	_____
15.	Seniors and Individuals with Disabilities Programs.	_____
16.	Rural Areas and Appalachian Development Programs.	_____
17.	Tribal Transit Programs (Public Transportation on Indian Reservations Programs).	_____
18.	State Safety Oversight Grant Program.	_____
19.	Public Transportation Emergency Relief Program.	_____
20.	Expedited Project Delivery Pilot Program.	_____
21.	Infrastructure Finance Programs.	_____
22.	Paul S. Sarbanes Transit in Parks Program.	_____
23.	Hiring Preferences	_____

## FTA FISCAL YEAR 2016 CERTIFICATIONS AND ASSURANCES

**FEDERAL FISCAL YEAR 2016 FTA CERTIFICATIONS AND ASSURANCES SIGNATURE PAGE**  
(Required of all Applicants for federal assistance to be awarded by FTA and all FTA Grantees with an active Capital or Formula Award)

### AFFIRMATION OF APPLICANT

Name of the Applicant: \_\_\_\_\_

Name and Relationship of the Authorized Representative: \_\_\_\_\_

BY SIGNING BELOW, on behalf of the Applicant, I declare that it has duly authorized me to make these Certifications and Assurances and bind its compliance. Thus, it agrees to comply with all federal laws, regulations, and requirements, follow applicable federal guidance, and comply with the Certifications and Assurances as indicated on the foregoing page applicable to each application its Authorized Representative makes to the Federal Transit Administration (FTA) in federal fiscal year 2016, irrespective of whether the individual that acted on his or her Applicant's behalf continues to represent it.

FTA intends that the Certifications and Assurances the Applicant selects on the other side of this document should apply to each Award for which it now seeks, or may later seek federal assistance to be awarded by FTA during federal fiscal year 2016.

The Applicant affirms the truthfulness and accuracy of the Certifications and Assurances it has selected in the statements submitted with this document and any other submission made to FTA, and acknowledges that the Program Fraud Civil Remedies Act of 1986, 31 U.S.C. § 3801 *et seq.*, and implementing U.S. DOT regulations, "Program Fraud Civil Remedies," 49 CFR part 31, apply to any certification, assurance or submission made to FTA. The criminal provisions of 18 U.S.C. § 1001 apply to any certification, assurance, or submission made in connection with a federal public transportation program authorized by 49 U.S.C. chapter 53 or any other statute.

In signing this document, I declare under penalties of perjury that the foregoing Certifications and Assurances, and any other statements made by me on behalf of the Applicant are true and accurate.

Signature \_\_\_\_\_ Date: \_\_\_\_\_

Name \_\_\_\_\_  
Authorized Representative of Applicant

### AFFIRMATION OF APPLICANT'S ATTORNEY

For (Name of Applicant): \_\_\_\_\_

As the undersigned Attorney for the above named Applicant, I hereby affirm to the Applicant that it has authority under state, local, or tribal government law, as applicable, to make and comply with the Certifications and Assurances as indicated on the foregoing pages. I further affirm that, in my opinion, the Certifications and Assurances have been legally made and constitute legal and binding obligations on it.

I further affirm that, to the best of my knowledge, there is no legislation or litigation pending or imminent that might adversely affect the validity of these Certifications and Assurances, or of the performance of its FTA assisted Award.

Signature \_\_\_\_\_ Date: \_\_\_\_\_

Name \_\_\_\_\_  
Attorney for Applicant

*Each Applicant for federal assistance to be awarded by FTA and each FTA Recipient with an active Capital or Formula Project or Award must provide an Affirmation of Applicant's Attorney pertaining to the Applicant's legal capacity. The Applicant may enter its electronic signature in lieu of the Attorney's signature within FTA's electronic award and management system, provided the Applicant has on file and uploaded to FTA's electronic award and management system this hard-copy Affirmation, signed by the attorney and dated this federal fiscal year.*

# FY 2016/2017 FHWA and FTA Metropolitan Transportation Planning Process Self-Certification

In accordance with 23 CFR part 450, the California Department of Transportation and \_\_\_\_\_, the designated Metropolitan Planning Organization for the \_\_\_\_\_ urbanized area(s), hereby certify that the transportation planning process is being carried out in accordance with all applicable requirements including:

- (1) 23 U.S.C. 134, 49 U.S.C. 5303, and subpart C of 23 CFR part 450;
- (2) In nonattainment and maintenance areas, sections 174 and 176(c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506(c) and (d)) and 40 CFR part 93;
- (3) Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
- (4) 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- (5) Section 1101(b) of the FAST Act (Pub. L. 114-94) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
- (6) 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- (7) The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38;
- (8) The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- (9) Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
- (10) Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

\_\_\_\_\_  
MPO Authorizing Signature

\_\_\_\_\_  
Caltrans District Approval Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

**Fiscal Year 2016/2017 California Department of Transportation  
Debarment and Suspension Certification**

*As required by U.S. DOT regulations on governmentwide Debarment and Suspension*

*(Nonprocurement), 49 CFR 29.100:*

- 1) The Applicant certifies, to the best of its knowledge and belief, that it and its contractors, subcontractors and subrecipients:
  - a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
  - b) Have not, within the three (3) year period preceding this certification, been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) transaction or contract under a public transaction, violation of Federal or state antitrust statutes, or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, state, or local) with commission of any of the offenses listed in subparagraph (1)(b) of this certification; and
  - d) Have not, within the three (3) year period preceding this certification, had one or more public transactions (Federal, state, and local) terminated for cause or default.
- 2) The Applicant also certifies that, if Applicant later becomes aware of any information contradicting the statements of paragraph (1) above, it will promptly provide that information to the State.
- 3) If the Applicant is unable to certify to all statements in paragraphs (1) and (2) of this certification, through those means available to Applicant, including the General Services Administration's ***Excluded Parties List System (EPLS)***, Applicant shall indicate so in its applications, or in the transmittal letter or message accompanying its annual certifications and assurances, and will provide a written explanation to the State.

**DEPARTMENT OF TRANSPORTATION  
DEBARMENT AND SUSPENSION CERTIFICATION  
FISCAL YEAR 2016/2017  
SIGNATURE PAGE**

In signing this document, I declare under penalties of perjury that the foregoing certifications and assurances, and any other statements made by me on behalf of the Applicant are true and correct.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

As the undersigned Attorney for the above named Applicant, I hereby affirm to the Applicant that it has the authority under state and local law to make and comply with the certifications and assurances as indicated on the foregoing pages. I further affirm that, in my opinion, these certifications and assurances have been legally made and constitute legal and binding obligations of the Applicant.

I further affirm to the Applicant that, to the best of my knowledge, there is no legislation or litigation pending or imminent that might adversely affect the validity of these certifications and assurances or of the performance of the described project.

**AFFIRMATION OF APPLICANT'S ATTORNEY**

For \_\_\_\_\_ (Name of Applicant)

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name of Applicant's Attorney \_\_\_\_\_

## **IX. APPENDICES**



## LIST OF COMMONLY USED ACRONYMS

### A

AA	Alternatives Analysis
AADT	Annual Average Daily Traffic
AASHTO	American Association of State Highway and Transportation Officials
AB	Assembly Bill
AC	Asphalt Concrete
ACC/YR	Accidents/Year
ACIP	Airport Capital Improvement Program
AC/M/Y	Accident Cost/Mile/Year
ADA	American Disability Act
ADAP	Airport Development Act Program
ADIS	Advanced Driver Information System
AFB	Air Force Base
AFC	Automatic Fare Collection
AFV	Alternative Fuel Vehicle
AHAR	Advanced Highway Advisory Radio
AHS	Automated Highway System
AIP	Airport Improvement Program
AMTRAK	National Train Passenger Corporation
APCB	Air Pollution Control Board
APCD	Air Pollution Control District
AP MAP	Assessor Parcel Map
APN	Assessor Parcel Number
APTS	Advanced Public Transportation Systems
AQAP	Air Quality Attainment Plan
AQMP	Air Quality Maintenance Plan
AR	Accident Rate (Accidents averaged over 3 years)
ARTS	Advanced Rural Transportation Systems
ATC	Automated Toll Collection
ATIS	Advanced Traveler Information Systems
ATMS	Advanced Traffic Management Systems
AVCS	Advanced Vehicle Control System
AVI	Automated Vehicle Identification
AVL	Automated Vehicle Location System
AVR	Average Vehicle Ridership

### B

BAR	Bureau of Automotive Repair
BARC	Bakersfield Association for Retarded Citizens
BLM	Bureau of Land Management
BSC	Bakersfield Senior Center
BTV	Bus Ticket Validator

## C

CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CAB	Civil Aeronautics Board
CAL ACT	California Association for Coordinated Transit
CALCOG	California Association of Councils of Governments
CALTRANS	California State Department of Transportation
CARB	California Air Resources Board
CASP	California Airport Systems Plan
CCAA	California Clean Air Act
CDBG	Community Development Block Grant
CDM	Congestion/Demand Management
CDV	Credit/Debit Vendor
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CESA	California Endangered Species Act
CFS	Container Freight Station
CHCP	Cargo Handling Cooperative Program
CHP	California Highway Patrol
CIP	Capital Improvement Program
CIR	Council on Intergovernmental Relations
CL	Carload or Containerload
CMA	Congestion Management Agency
CMAQ	Congestion Management Air Quality
CMP	Congestion Management Program
CMS	Congestion Management System
CMS	Changeable Message Signs
CMV	Commercial Motor Vehicle
CNG	Compressed Natural Gas
CO	Carbon Monoxide
COG	Council of Governments
CRLA	California Rural Legal Assistance
CTAC	Communications Technical Advisory Committee
CTC	California Transportation Commission
CTP	California Transportation Plan
CTPP	Census Transportation Planning Package
CTR	Commuter Trip Reduction
CTSA	Consolidated Transportation Services Agency
CVO	Commercial Vehicle Operations
CVWP	Central Valley Water Project

## D

DADD	Delano Association for Developmentally Disabled
DB	Decibel
DBE	Disadvantaged Business Enterprise
DEIR/DEIS	Draft Environmental Impact Report/Draft Environmental Impact Statement (See EIR/EIS)
DFG	Department of Fish and Game
DHS	Department of Health Services
DOC	Department of Commerce
DOD	Department of Defense
DOE	Department of Energy
DOI	Department of the Interior
DOT	Department of Transportation
DPM	Downtown People Mover
DWR	Department of Water Resources

## E

EEOC	Equal Employment Opportunity Commission
EIR	Environmental Impact Report
EIR/EIS	Environmental Impact Report/Environmental Impact Statement
EIS	Environmental Impact Statement
EPA	Environmental Protection Agency
ESA	Endangered Species Act
ETC	Electronic Toll Collection
ETC	Employee Transportation Coordinator
ETMS	Enhanced Traffic Management System
ETR	Employers Training Resource
ETTM	Electronic Toll and Traffic Monitoring

## F

FAA	Federal Aviation Administration
FCAA	Federal Clean Air Act
FCC	Federal Communications Commission
FCR	Flexible Congestion Relief
FCS	Functional Classification System
FETSIM	Fuel Efficient Traffic Signal Management
FFV	Flexible Fuel Vehicle
FmHA	Farmers' Home Administration
FHwA	Federal Highway Administration
FIP	Federal Implementation Plan
FOCAS	Federal Railroad Administration
FS	Forest Service
FSP	Freeway Service Patrol
FTA	Federal Transit Administration
FWS	Fish and Wildlife Service

## G

GET	Golden Empire Transit District
GIS	Geographical Information Systems
GPS	Global Positioning Systems
GSA	General Services Administration

## H

HAR	Highway Advisory Radio
HAZMAT	Hazardous Materials
HCD	Housing and Community Development
HHS	Health and Human Services
HOV	High Occupancy Vehicle
HOV lane	High Occupancy Vehicle Lane
HPMS	Highway Performance Monitoring System
HSGT	High-speed Ground Transportation
HSOPP	Highway Systems Operation and Protection Plan
HSR	High Speed Rail
HUD	Department of Housing and Urban Development (federal)

## I

ICC	Interstate Commerce Commission
ICMA	International City Managers' Association
IMS	Intermodal Management System
IPG	Intermodal Planning Group
IRRS	Interregional Road System
ISTEA	Intermodal Surface Transportation Efficiency Act
ITE	Institute of Transportation Engineers
ITS	Intelligent Transportation System
ITS	Institute of Transportation Studies
IVHS	Intelligent Vehicle Highway Systems
IVRG	In-Vehicle Route Guidance System

## J

JPPB	Joint Planning Policy Board (Military)
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## K

KCAPCD	Kern County Air Pollution Control District
KCEOC	Kern County Economic Opportunity Corporation
KCWA	Kern County Water Agency
KMAA	Kern Motorist Aid Authority

## L

LAFCO	Local Agency Formation Commission
LEV	Low Emission Vehicle
LNG	Liquid Natural Gas
LOS	Level of Service
LPG	Liquefied Petroleum Gas
LRRT	Light Rail Rapid Transit
LRT	Light Rail Transit
LRV	Light Rail Vehicle
LTF	Local Transportation Fund

## M

MAGLEV	Magnetic Levitation
MAOF	Mexican American Opportunity Foundation
MMS	Maintenance Management System
MOA	Memorandum of Agreement
MOU	Memorandum of Understanding
MPG	Miles Per Gallon
MPH	Miles Per Hour
MPO	Metropolitan Planning Organization
MSA	Metropolitan Statistical Area
MTIS	Multimodal Traveler Information Systems
MTS	Metropolitan Transportation System

## N

NAAQS	National Ambient Air Quality Standard
NAFTA	North American Free Trade Agreement
NARC	National Association of Regional Councils
NASA	National Aeronautic and Space Administration
NAWS	Naval Air Weapons Station (China Lake)
NEPA	National Environmental Policy Act
NHS	National Highway System
NIMBY	Not In My Back Yard
NOR	North of the River Recreation and Parks District

## O

OAA	Older Americans Act
OMB	Office of Management and Budget
OPR	Office of Planning and Research (state)
OSHA	Occupational Safety and Health Administration (federal)
OWP	Overall Work Program

## P

PARIS	Passenger Routing and Information System
PATH	Program for Advanced Transit and Highways
PIP	Productivity Improvement Program
PIP	Public Information Program
PL	Planning Funds
PMS	Pavement Management System
PSTIP	Proposed State Transportation Improvement Program
PUC	Public Utilities Commission

## R

REEP	Reasonable Extra Efforts Program
RFP	Request for Proposal
RFQ	Request for Qualifications
ROW	Right Of Way
RTIP	Regional Transportation Improvement Program
RTP	Regional Transportation Plan
RTPA	Regional Transportation Planning Agency
RWQCB	Regional Water Quality Control Board

## S

SAFE	Service Authority for Freeway Emergencies
SB	Senate Bill
SBA	Small Business Administration
SCAG	Southern California Association of Governments
SCHWA	Southern California Hazardous Waste Authority
SIP	State Implementation Plan
SJVUAPCD	San Joaquin Valley Unified Air Pollution Control District
SMSA	Standard Metropolitan Statistical Area
SOV	Single Occupant Vehicle
S RTP	Short Range Transit Plan
STA	State Transit Assistance
STAA	Surface Transportation Assistance Act
STAF	State Transit Assistance Fund
STIP	State Transportation Improvement Program
STP	Surface Transportation Program
STPP	Surface Transportation Policy Project
SWP	State Water Project
SWRCD	State Water Resources Control Board

## T

TAP	Target Area Program (Head Start)
TARG	Transportation Air Quality Review Group
TCC	Transportation Control Center
TCD	Traffic Control Devices
TCI	Transit Capital Improvement Program
TCM	Transportation Control Measure
TDA	Transportation Development Act
TDM	Transportation Demand Management
TDP	Transportation Development Plan
TEA-21	Transportation Equity Act for the 21st Century
TIC	Transportation Information Center
TIGER	Topological Integrated Geographic Encoding & Referencing
TIP	Transportation Improvement Program
TMA	Transportation Management Area/Association
TMP	Transportation Management Plan
TMS	Traffic Management System
TMS	Traffic Monitoring System
TOC	Traffic Operations Center
TOS	Traffic Operations Systems
TP&D	Transportation Planning and Development
TP&D Account	Transportation Planning and Development Account
TRB	Transportation Research Board
TRIPS	Transportation Intelligent Planning System
TRO	Trip Reduction Ordinance
TSM	Transportation Systems Management
TTAC	Transportation Technical Advisory Committee
TV SAP Channel	Television Second Audio Program

## U

UA	Urbanized Area
UMTA	Urban Mass Transportation Administration
URISA	Urban and Regional Information Systems Association
USDOT	U.S. Department of Transportation
USFS	U.S. Forest Service
USFWS	U.S. Fish and Wildlife Service
USTIP	Updated State Transportation Improvement Program
UTPP	Urban Transportation Planning Package
UZA	Urbanized Area

## V

VFV	Variable Fuel Vehicle
VMT	Vehicle Miles Traveled
VNIS	Vehicle Navigation and Information Systems
VOR	Vehicle Occupancy Rate

## W

WADD	Wasco Association for Developmentally Disabled
WBE	Women Owned Business Enterprise
WE	Work Element
WP	Work Program
WWW	World Wide Web

## Z

ZEV	Zero Emission Vehicle
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