

**2017-2018
OVERALL WORK
PROGRAM
Amendment No. 1**
Revised 11/6/17



**Kern Council
of Governments**

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 11th 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 with disadvantaged communities in particular. 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 19th Street, Suite 300; Bakersfield, CA 93301. Phone: (661) 635-2900 Fax: (661) 324-8215 E-mail: 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.

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

With the renewed focus on transportation planning brought about by the FAST Act, Federal Highway Administration (FHWA) and Federal Transit Administration's (FTA) Offices of Planning are jointly issuing Planning Factors. The planning factors for Federal FY 2017-18 include the following.

Federal Planning Factors

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
2. Increase the safety of the transportation system for motorized and non-motorized users;
3. Increase the security of the transportation system for motorized and non-motorized users;
4. Increase accessibility and mobility of people and freight;
5. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
7. Promote efficient system management and operation;
8. Emphasize the preservation of the existing transportation system;
9. Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation; and
10. Enhance travel and tourism.

Federal Planning Emphasis Areas

With the renewed focus on transportation planning brought about by the FAST Act, Federal Highway Administration (FHWA) and Federal Transit Administration's (FTA) Offices of Planning are jointly issuing Planning Emphasis Areas (PEAs). The planning emphasis areas for Federal FY 2017-18 include the following.

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.

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.

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.

How each of the three Federal Planning Emphasis Areas are integrated into Kern COG's Overall Work Program by work element is illustrated in the following table.

| Federal Planning Emphasis Areas | | | | |
|---------------------------------|--|----------|----------------------|------------------------|
| Description | | FAST Act | Regional Cooperation | Ladders of Opportunity |
| 101.1 | Air Quality Planning | • | • | |
| 102.1 | Environmental Review Program | | | • |
| 201.1 | Inventory Mapping | • | • | |
| 201.2 | Mapping Services and Technical Support | | • | |
| 202.1 | Climate Change Program | • | | • |
| 601.1 | Regional Transportation Plan/CMS | • | • | • |
| 601.2 | RTP/CIP-Financial Element | • | | • |
| 601.3 | RTP Outreach | • | | • |
| 602.1 | Transportation Improvement Program | • | • | • |
| 602.2 | Local Assistance for Federal-Aid Projects | • | • | • |
| 603.1 | Transportation Systems Monitoring and Coordination | • | • | • |
| 603.2 | Traffic Count Program | • | • | |
| 603.3 | Active Transportation Demand Management | • | • | • |
| 604.1 | Regional Travel Demand Model Maintenance | • | | |
| 604.2 | Growth Forecast Model | • | | |
| 604.3 | Regional Travel Demand Model | • | • | |
| 605.1 | Corridor/Major Investment/Impact Fee | • | • | |
| 606.1 | Transit Planning | • | • | • |
| 606.2 | Passenger Rail Program | • | • | • |
| 606.3 | Metro-Bakersfield Transit Center Study | • | | • |
| 606.4 | East Kern/SR 14/US 395 TDP | • | • | • |
| 607.1 | Aviation Transportation Planning | • | | |
| 608.1 | Active Transportation Planning | • | | • |
| 609.1 | Transportation Demand Management | • | | • |
| 610.1 | Freight Planning | • | • | • |
| 801.1 | Grant Writing | • | • | • |
| 902.1 | Regional Technical Assistance | | | |
| 903.1 | Information and Data Management | • | | • |
| 904.1 | Interregional Transportation Coordination | • | • | |
| 904.2 | Local Clearinghouse Review Program | | | • |
| 1001.1 | Local Reimbursements | | | |
| 1001.2 | Legislative Program | | | • |
| 1001.3 | Transportation Development Act (TDA) Program | • | | • |
| 1001.4 | Information Services | • | | • |
| 1001.5 | Overall Work Program Development and Monitoring | • | • | • |
| 2001.1 | KMAA System Implementation and Operation | | | • |
| 2002.1 | 511 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 2018 are:

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.

How each of the three California Planning Emphasis Areas are integrated into Kern COG's Overall Work Program by work element is illustrated in the following table.

| California Planning Emphasis Areas | | | | |
|------------------------------------|--|----------------------|-------------------------------|--------------------|
| <i>Description</i> | | <i>Core Planning</i> | <i>Performance Management</i> | <i>Good Repair</i> |
| 101.1 | Air Quality Planning | • | • | |
| 102.1 | Environmental Review Program | | • | • |
| 201.1 | Inventory Mapping | • | | |
| 201.2 | Mapping Services and Technical Support | • | • | |
| 202.1 | Climate Change Program | • | • | |
| 601.1 | Regional Transportation Plan/CMS | • | • | • |
| 601.2 | RTP/CIP-Financial Element | • | • | • |
| 601.3 | RTP Outreach | • | | |
| 602.1 | Transportation Improvement Program | • | • | • |
| 602.2 | Local Assistance for Federal-Aid Projects | • | • | • |
| 603.1 | Transportation Systems Monitoring and Coordination | • | • | • |
| 603.2 | Traffic Count Program | • | • | • |
| 603.3 | Active Transportation Demand Management | • | • | |
| 604.1 | Regional Travel Demand Model Maintenance | • | • | |
| 604.2 | Growth Forecast Model | • | • | |
| 604.3 | Regional Travel Demand Model | • | • | • |
| 605.1 | Corridor/Major Investment/Impact Fee | • | • | • |
| 606.1 | Transit Planning | • | • | • |
| 606.2 | Passenger Rail Program | • | • | • |
| 606.3 | Metro-Bakersfield Transit Center Study | • | • | |
| 606.4 | East Kern/SR 14/US 395 TDP | • | • | • |
| 607.1 | Aviation Transportation Planning | • | • | • |
| 608.1 | Active Transportation Planning | • | • | |
| 609.1 | Transportation Demand Management | • | • | |
| 610.1 | Freight Planning | • | • | • |
| 801.1 | Grant Writing | • | • | |
| 902.1 | Regional Technical Assistance | | • | • |
| 903.1 | Information and Data Management | • | | |
| 904.1 | Interregional Transportation Coordination | • | • | • |
| 904.2 | Local Clearinghouse Review Program | | | |
| 1001.1 | Local Reimbursements | | | |
| 1001.2 | Legislative Program | | | |
| 1001.3 | Transportation Development Act (TDA) Program | • | • | • |
| 1001.4 | Information Services | • | | |
| 1001.5 | Overall Work Program Development and Monitoring | • | | |
| 2001.1 | KMAA System Implementation and Operation | | | |
| 2002.1 | 511 Program | | | |

VI. WORK ELEMENTS

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 2017/2018
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 California Planning Emphasis Areas: Core Planning Functions and Performance Management.

**Meets the following Federal Planning Emphasis Areas: FAST Act Implementation; 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. (quarterly) (\$12,000).

2. RTP/FTIP, document updates and associated conformity analyses and determinations. (quarterly, even-numbered years) (\$12,000).
3. Conformity SIP program. (quarterly as required by Air District schedules) (\$6,716).
4. Air Quality Modeling Output Using EMFAC. (quarterly) (\$12,000).

Revenue Budget

| AGENCY | FEMA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|----------|-----------------|------|------|-----------|------------------------|-----------|----------|----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PPM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | \$21,255 | | | | \$21,255 | | | | \$42,510 | \$2,438 | \$0 | \$2,438 | \$0 |
| Consultant | | | | | | | | | \$0 | | | | |
| Capital | | | | | | | | | \$0 | | | | |
| Total | \$21,255 | \$0 | \$0 | \$0 | \$21,255 | \$0 | \$0 | \$0 | \$42,510 | \$2,438 | \$0 | \$2,438 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
Work Element #102.1 – ENVIRONMENTAL REVIEW AND MONITORING PROGRAM

Purpose & Goal

Review local government agency environmental documents to convey regional planning impacts pertaining to discretionary development projects requiring general plan amendments and/or zone changes, general plan updates and other master plan updates. Monitor ongoing Kern County Groundwater Committee programs as well as the Kern Integrated Regional Water Management Plan (IRWMP) and its relationship with the Regional Transportation Plan/Sustainable Communities Strategy.

*Addresses the following California Planning Emphasis Areas: Performance Management, State of Good Repair.

** Addresses the following Federal Planning Emphasis Areas: Ladders of Opportunity

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.
4. Integrated Regional Water Management Plans.
5. Water quality monitoring integration in Kern Regional Blueprint (2008).
6. Water quality monitoring integration in the 2014 Regional Transportation Plan/Sustainable Communities Strategy.

Study Design (Tasks & Responsible Agency)

1. Review and comment on Local Agency Formation Commission inquiries.
2. Review and comment on regionally significant environmental documents.
3. Monitor Kern County Groundwater Committee and Integrated Regional Water Management Plans.
4. Maintain Kern COG's repository of southern San Joaquin Valley region water quality studies and documents.
5. Participate in Southern California Water Committee, Inc. activities.
6. Participate as a stakeholder in the American Farmland Trust Pilot Project Exploring the Land-Water Interface in the San Joaquin Valley.

End Products (Schedule)

1. Review letters responding to Local Agency Formation Commission inquiries. (\$25,000) (monthly)
2. Review letters responding to regionally significant environmental documents. (\$25,000) (monthly)
3. Document water quality monitoring activities and report to the Board of Directors as needed. (quarterly) (\$5,000).

Revenue Budget

| AGENCY | PIMA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|----------|-----------------|------|------|-----------|------------------------|-----------|----------|----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | \$22,507 | | | | \$22,506 | | | | \$45,013 | \$2,582 | \$0 | \$2,581 | \$0 |
| Consultant | | | | | | | | | \$0 | | | | |
| Capital | | | | | | | | | \$0 | | | | |
| Total | \$22,507 | \$0 | \$0 | \$0 | \$22,506 | \$0 | \$0 | \$0 | \$45,013 | \$2,582 | \$0 | \$2,581 | \$0 |

200 COMMUNITY DEVELOPMENT

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 2017/2018
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).

*Meets the following California Planning Emphasis Areas: Core Planning Functions.

**Meets the following Federal Planning Emphasis Areas: FAST Act Implementation, Models of Regional Cooperation.

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;
3. Compile local jurisdictions' general plan information 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. (monthly) (\$35,000).
2. GIS analysis of the RTP/environmental document update for mapping transportation projects, location, safety, environmental justice, and congestion management. (December 2017) (\$100,000).
3. Use general plan land-use information from member agencies for land-use modeling inputs (June 2018) (\$100,000).

Revenue Budget

| AGENCY | FEMA | | | | RTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|-----------|-----------------|------|------|-----------|------------------------|-----------|----------|-----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | \$142,186 | | | | \$91,528 | | | | \$233,714 | \$16,309 | \$0 | \$10,498 | \$0 |
| Consultant | | | | | | | | | \$0 | | | | |
| Capital | | | | | | | | | \$0 | | | | |
| Total | \$142,186 | \$0 | \$0 | \$0 | \$91,528 | \$0 | \$0 | \$0 | \$233,714 | \$16,309 | \$0 | \$10,498 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
Work Element # 201.2 – MAPPING SERVICES AND TECHNICAL SUPPORT

Purpose & Goal

To collaborate and coordinate on comprehensive mapping projects, aerial imagery, services, training and technical support among local agencies and other entities as needed to enhance transportation planning and security while eliminating overlapping purchases and services.

*Meets the following California Planning Emphasis Areas: Core Planning Functions and Performance Management.

**Meets the following Federal Emphasis Areas: FAST Act Implementation; Regional Models of Cooperation

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)
12. Kern Multi-Agency Aerial Imagery Project (2000, 2008, 2010, 2014);
13. Kern GEONET multi-agency budget;
14. Kern multi-agency aerial imagery memorandum of understanding;
15. Shared Kern County imagery server;
16. Archive historical imagery for Kern County.

Study Design (Tasks & Responsible Agency)

1. Participate in and provide input on local, statewide and federal GIS coordination;
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.
7. Provide oversight and coordinate partnership activity for multi-agency imagery;
8. Distribute current and historical aerial imagery.

End Products (Schedule)

1. Member agency mapping service agreements (quarterly) (\$25,000).
2. Online member agency mapping application (monthly) (\$25,000).

3. Enhance historical imagery for use with modern mapping software (June 2018) (\$35,000).

Revenue Budget

| AGENCY | P-TAX | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|----------|-----------------|------|------|-----------|------------------------|-----------|----------|----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PPM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | \$42,782 | | | | \$42,782 | | | | \$85,564 | \$4,907 | \$0 | \$4,907 | \$0 |
| Consultant | | | | | | | | | \$0 | | | | |
| Capital | | | | | | | | | \$0 | | | | |
| Total | \$42,782 | \$0 | \$0 | \$0 | \$42,782 | \$0 | \$0 | \$0 | \$85,564 | \$4,907 | \$0 | \$4,907 | \$0 |

**Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/18
Work Element #202.1 – CLIMATE CHANGE PROGRAM**

Purpose & Goal*

To position Kern COG and its member agencies to meet the goals and objectives of California Senate Bill 375 by demonstrating how new community design concepts and transit contribute to improving communities through an active and participatory planning process.

*Meets the following California Planning Emphasis Areas: Core Planning Functions and Performance Management

**Meets the following Federal Planning Emphasis Areas: MAP-21 Implementation; 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)
5. Analysis of Impediments to fair housing choices;
6. Visualizations for member agencies, transit centers, and transit-oriented development (TOD).
7. Housing Needs Data for the RTP/Sustainable Community Strategy, which coordinates land use with transit investments.
8. Identify transit centers in 2015 Metropolitan Bakersfield Transit Center Study.

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 stakeholder groups to determine implementation issues and interests;
5. Develop and evaluate GHG measurement indicators;
6. Review and comment on ARB technical 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.
10. Incorporate livable communities elements into ongoing planning documents, such as the RTP/SCS and other planning, MTIS and corridor studies;
11. Assist local agencies in exploring opportunities available through livable communities;
12. Assist local agencies in developing Active Transportation and Sustainable Communities Strategies;
13. Attend smart growth, sustainable and/or livable communities, Clean Cities Coalition and Active Transportation Program workshops and conferences.

End Products (Schedule)

1. Report on target updates. (quarterly) (\$80,000)
2. Workshops and public information reports. (July 2018) (\$20,000)
3. Community visualizations (June 2018) (\$50,000)

Revenue Budget

| AGENCY | FHA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|----------|-----------------|------|------|-----------|------------------------|-----------|----------|-----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PPM | | FL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | \$50,975 | | | | \$50,975 | | | | \$101,950 | \$5,847 | \$0 | \$5,847 | \$0 |
| Consultant | \$25,000 | | | | \$25,000 | | | | \$50,000 | \$0 | \$0 | \$0 | \$0 |
| Capital | | | | | | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$75,975 | \$0 | \$0 | \$0 | \$75,975 | \$0 | \$0 | \$0 | \$151,950 | \$5,847 | \$0 | \$5,847 | \$0 |

300 ECONOMIC DEVELOPMENT

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 2017-2018.

400 HEALTH

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 2017-2018.

500 SAFETY AND JUSTICE

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 2017-2018.

600 INTERMODAL TRANSPORTATION PLANNING

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 2017/2018
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: Core Planning Functions; Performance Management; State of Good Repair

** Meets the following Federal Planning Emphasis Areas: FAST Act Implementation; Models of Regional Planning Cooperation and Ladders of Opportunity.

Previous Work

1. 2007, 2011 and 2014 RTPs, inclusive of Program Environmental Impact Reports;
2. 2012, 2014 and 2016 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. Approval of 2014 RTP Amendment 1/Sustainable Communities Action Element;
9. Federal approval of the 2017 Federal Transportation Improvement Program and related Conformity Analysis leading to acceptance of the 2014 Regional Transportation Plan (December 2014)
10. California Air Resources Board acceptance of the Sustainable Communities Strategy (July 2015)

Study Design (Tasks & Responsible Agency)

1. Implement integrated Complete Streets Congestion Management Process, including performance monitoring.
2. Implement the four-year cycle update process for the 2018 RTP/SCS, including: revised modeling, public workshops, Capital Improvement Program (CIP) list development, mapping, visualizations and element updates (Kern COG).
3. 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);
4. Review and revise conformity analysis, as necessary and re-adopt resolution documenting air quality conformity (Kern COG);

5. Conduct ongoing public outreach activities to identify public and private local transportation issues, transportation options, recommended actions, and implementation programs (Kern COG);
6. Review RTP guidelines and updates to maintain compliance with state and federal mandates, goals, policies and implementing actions of the RTP (Kern COG);
7. Review local agencies' plans and programs to update regional transportation management systems' inventories (Kern COG);
8. Assess plans for transportation-related energy conservation measures that meet Climate Action Plan goals and objectives (Kern COG);
9. Update regional transportation facilities and corridors forecasts to preserve rights-of-way (Kern COG);
10. 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);
11. Assess transit service connectivity to regional Amtrak stations and high-speed rail service.
12. Identify short- and long-range strategies and actions to meet projected demands (Kern COG);
13. Identify and assess long-range transportation funding strategies;
14. Address federal planning factors (Kern COG);
15. In collaboration with safety officials and law enforcement, assess transportation network safety and security issues (Kern COG);
16. In collaboration with transit operators, evaluate transit issues when amending and/or updating the RTP (Kern COG);
17. Amend Freight Movement analyses findings, as well as ITS studies, into the RTP (Kern COG);
18. Evaluate the federal congestion management process for consistency with the Regional Transportation Plan (Kern COG);
19. Coordinate the system planning process with Caltrans (Kern COG);
20. Assist local agencies and Caltrans in evaluating transportation facilities' management and operations (Kern COG);
21. Determine a means to address federal surface transportation funding requirements for ground access improvements (Kern COG);
22. Research and coordinate with member agencies to implement the 2014 Regional Transportation Plan; and
23. 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, including amendment(s), environmental document, as required (June 2018). (\$150,000)
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 PFM | Local | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | \$101,393 | | | | \$43,741 | | | | | \$145,134 | \$11,630 | \$0 | \$5,017 | \$0 |
| Consultant | | | | | | | | \$125,000 | | \$125,000 | \$0 | \$0 | \$0 | \$0 |
| Capital | | | | | | | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$101,393 | \$0 | \$0 | \$0 | \$43,741 | \$0 | \$0 | \$125,000 | \$0 | \$270,134 | \$11,630 | \$0 | \$5,017 | \$0 |

**Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/18
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 the life of the Plan.

*Meets the following planning emphasis areas for California: Core Planning Functions; Performance Management and; State of Good Repair.

** Meets the following Federal Planning Emphasis Areas: FAST Act Implementation and Ladders of Opportunity.

Previous Work

1. 2011 and 2014 RTPs, inclusive of program environmental impact reports;
2. 2013, 2015, and 2017 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 2018 RTP. (June 2018) (\$26,500)

2. Update financial element / Capital Improvement Program for final 2018 RTP (June 2018) (\$26,500)

Revenue Budget

| AGENCY | FEWA | | | | ETA | | | 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 | \$52,783 | | | | | | | | | \$52,783 | \$6,054 | \$0 | \$0 | \$0 |
| Consultant | | | | | | | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| Capital | | | | | | | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$52,783 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$52,783 | \$6,054 | \$0 | \$0 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
Work Element # 601.3 – REGIONAL TRANSPORTATION PLAN OUTREACH

Purpose & Goal

To gain public input on the Regional Transportation Plan/Sustainable Community Strategy process and integrate U.S. Department of Transportation Environmental Justice regulations and Title VI requirements into Kern COG's planning processes.

*Meets the following planning emphasis areas for California: Core Planning Functions;

** Meets the following Federal Planning Emphasis Areas: FAST Act Implementation and Ladders of Opportunity.

Previous Work

1. Public workshops;
2. Website and newspaper advertising;
3. Community meetings;
4. Regional community survey;
5. 2002, 2010, 2012, 2016 Environmental Justice Task Force;
6. California Central Valley Tribal Transportation Environmental Justice Collaborative Project (FY 2008-09); and
7. Tribal Notification Area Map for San Joaquin Valley (GIS map).

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. 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;
8. Reconvene as needed the Environmental Justice Task Force to assess and ensure compliance of Kern COG's transportation planning efforts with environmental justice requirements of Title VI;
9. Update and map locations of low-income, minority and tribal communities using latest Census information;
10. Identify transportation needs of target populations, including disadvantaged communities and Environmental Justice communities;
11. Quantitatively assess benefits and burdens of transportation plans with respect to target populations;
12. 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;

13. 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;
14. Continue coordination with the Tejon Indian Tribe and tribal communities generally for the RTP development process;
15. Compare investments across different modes to identify and minimize disparate impacts to traditionally underserved populations;
16. Identify funding opportunities to assist in implementing typically infeasible environmental justice procedures, such as Caltrans' Grant Programs offered through the California Strategic Growth Council;
17. Evaluate environmental justice policies for the RTP and RTIP.
18. Meet with the federally recognized Tejon Indian Tribe to develop agreements, procedures and policies that outline roles, responsibilities and key decision points on a government-to-government basis.
19. Coordinate with state-recognized tribes on environmental justice issues, including cultural resource mapping, cultural place naming strategies and transit.

End Products (Schedule)

1. Community festivals. (July 2017 – June 2018) (\$65,000).
2. Newspaper advertising. (July 2017 – June 2018) (\$3,000)
3. Public workshops and community meetings. (July 2017 – June 2018) (\$65,000)
4. Regional community survey. (Consultant) (April 2018) (\$70,000)
5. GIS maps of minority and low-income populations. (ongoing). (\$6,000)
6. Integrate U.S. Department of Transportation Environmental Justice regulations into the Regional Transportation Plan process. (ongoing). (\$2,000)
7. Revise environmental justice modeling metro and non-metro TAZs and job centers TAZs. (ongoing). (\$15,000)

Revenue Budget

| AGENCY | FPMR | | | | FTA | | | STIP FPM | 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 | \$110,030 | | | | | | | | | \$110,030 | \$12,620 | \$0 | \$0 | \$0 |
| Consultant | \$90,000 | | | | | | | | | \$90,000 | \$0 | \$0 | \$0 | \$0 |
| Capital | | | | | | | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$200,030 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$200,030 | \$12,620 | \$0 | \$0 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
Work Element # 601.4 – PERFORMANCE MEASURES

Purpose & Goal

Establish and monitor a variety of highway safety, bridge, pavement and overall system performance measures within the transportation planning process

*Meets the following planning emphasis areas for California: Core Planning Functions;

** Meets the following Federal Planning Emphasis Areas: FAST Act Implementation and Ladders of Opportunity.

Previous Work

1. 2014 Environmental Justice Measures Analysis;
2. 2012 Project Delivery Policies and Procedures;

Study Design (Tasks & Responsible Agency)

1. Consider and adopt two measures to assess motorized fatalities:
 - Number of fatalities
 - Rate of fatalities
2. Consider and adopt two measures to assess motorized serious injuries:
 - Number of serious injuries
 - Rate of serious injuries
3. Consider and adopt one measure for non-motorized safety performance:
 - Number of non-motorized fatalities and non-motorized serious injuries
4. Consider and adopt two measures for Interstate System pavement condition:
 - percentage of pavements on the Interstate System in Good condition
 - percentage of pavements on the Interstate System in Poor condition
5. Consider and adopt two measures for National Highway System (NHS) pavement condition:
 - percentage of pavements on the NHS (excluding the Interstate System) in good condition
 - percentage of pavements on the NHS (excluding the Interstate System) in poor condition
6. Consider and adopt two measures of bridge condition:
 - percentage of NHS bridges in Good condition
 - percentage of NHS bridges in Poor condition
7. Consider and adopt four system-wide measures:
 - percentage of reliable person-miles traveled on the Interstate
 - percentage of reliable person-miles traveled on the non-Interstate NHS
 - percent change in CO2 emissions from 2017, generated by on-road mobile sources on the NHS.
 - A measure evaluating truck travel time reliability on the Interstate system (average truck reliability index).

8. Consider and adopt three measures to assess the federal Congestion Mitigation Air Quality program:
 - total emission reductions for applicable criteria pollutants, for non-attainment and maintenance areas
9. Consider and adopt two measures to assess traffic congestion:
 - annual hours of peak hour excessive delay per capita
 - modal share; specifically, the percent of non-single occupancy vehicle travel, including travel avoided by telecommuting.
10. Update disadvantaged communities mapping as needed.

End Products (Schedule)

1. Statewide safety targets (September 2017)

Revenue Budget

| AGENCY | FEMA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|-------|-----------------|------|------|-----------|------------------------|-----------|----------|-------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PPM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | \$297 | | | | | | | | \$297 | \$34 | \$0 | \$0 | \$0 |
| Consultant | | | | | | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| Capital | | | | | | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$297 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$297 | \$34 | \$0 | \$0 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
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: Core Planning Functions; Performance Management; State of Good Repair.

** Meets the following Federal Planning Emphasis Areas: FAST Act Implementation; Models of Regional Planning Cooperation; Ladders of Opportunity.

Previous Work

1. 2009, 2011 and 2014 Regional Transportation Plan and amendments;
2. 2013, 2015 and 2017 Regional/Federal Transportation Improvement Program;
3. Amendments to the 2017 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. 2017 FTIP Amendments. (December 2018) (\$90,000).
2. 2019 FTIP. (December 2018) (\$90,000).
3. 2018 RTIP. (June 2018) (\$90,000).

Revenue Budget

| AGENCY | FMM | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|-----------|-----------------|------|------|-----------|------------------------|-----------|----------|-------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | Local | FL | FL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | \$211,849 | | | | | \$58,527 | | | | \$270,376 | \$24,299 | \$0 | \$6,713 |
| Consultant | | | | | | | | | | \$0 | \$0 | \$0 | \$0 |
| Capital | | | | | | | | | | \$0 | \$0 | \$0 | \$0 |
| Total | \$211,849 | \$0 | \$0 | \$0 | \$0 | \$58,527 | \$0 | \$0 | \$0 | \$270,376 | \$24,299 | \$0 | \$6,713 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/18
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.

*Meets the following California Planning Emphasis Areas: Core Planning Activities; Performance Management and; State of Good Repair.

Meets the following Federal Planning Emphasis Areas: FAST Act Implementation; Regional Models of Cooperation and; Ladders of Opportunity.

Previous Work

1. 2009, 2011 and 2014 Regional Transportation Plan and amendments;
2. 2013, 2015 and 2017 Regional/Federal Transportation Improvement Programs;
3. Short-range transit plans;
4. Accessing California Transportation Improvement Program System database;
5. Congestion Management Program Updates.

Study Design (Tasks & Responsible Agency)

1. Assist local agencies and Caltrans with State Transportation Improvement Program (STIP) 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. (quarterly) (\$65,000)
2. Progress Report for Projects of Regional Significance (quarterly) (\$65,000)
3. Project status workshops (\$65,000)

Revenue Budget

| AGENCY | FHWA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|-----------|-----------------|------|------|-----------|------------------------|-----------|----------|-----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | \$190,785 | | | | | | | | \$190,785 | \$21,883 | \$0 | \$0 | \$0 |
| Consultant | | | | | | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| Capital | | | | | | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$190,785 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$190,785 | \$21,883 | \$0 | \$0 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
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: Core Planning Functions; Performance Management; State of Good Repair.

** Meets the following Federal Planning Emphasis Areas: FAST Act Implementation; 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) (\$54,000)
2. ITS database (June 2018). (\$54,000)
3. Kern region ITS plan (June 2018) (\$105,000). (Consultant)

Revenue Budget

| AGENCY | RWA | | | | ITA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|-----------|-----------------|------|------|-----------|------------------------|-----------|----------|-----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | \$80,503 | | | | | | | | \$80,503 | \$9,234 | \$0 | \$0 | \$0 |
| Consultant | \$100,000 | | | | | | | \$32,500 | \$132,500 | \$11,470 | \$0 | \$0 | \$0 |
| Capital | | | | | | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total | \$180,503 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$32,500 | \$213,003 | \$20,704 | \$0 | \$0 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
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 21st Century (MAP-21) law; and to avoid duplication of traffic count effort among local jurisdictions.

*Meets the following planning emphasis areas for California: Core Planning Functions; Performance Management; State of Good Repair

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

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. Kern COG regional transportation model calibration;
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.
15. Develop a Bicycle and Pedestrian Monitoring Plan within the Regional Transportation Monitoring Plan;
16. Establish a Bicycle and Pedestrian Count Program, including a list of anticipated count locations.

Study Design (Tasks & Responsible Agency)

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

9. Maintain and update traffic, bicycle and pedestrian count plan, ensuring adequate coverage of disadvantaged communities.

End Products (Schedule)

1. Annual HPMS Survey. (May 2018) (\$3,000).
2. Annual traffic count resource. (June 2018) (\$3,000).
3. Traffic, Bicycle and Pedestrian Count Program. (June 2018) (\$79,677) (Consultant).
4. Traffic Count Website maintenance (June 2018) (\$3,000) (Consultant).
5. Bicycle and Pedestrian Count Website maintenance (June 2018) (\$3,000) (Consultant).

Revenue Budget

| AGENCY | FPM | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|-----|-----------------|----------|------|-----------|------------------------|-----------|----------|----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | | | | | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| Consultant | | | \$79,677 | | | | | | \$11,240 | \$90,917 | \$0 | | |
| Capital | | | | | | | | | \$0 | | | | |
| Total | \$0 | \$0 | \$79,677 | \$0 | \$0 | \$0 | \$0 | \$0 | \$11,240 | \$90,917 | \$0 | \$0 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
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: Core Planning Functions; Performance Management.

**Meets the following Federal Planning Emphasis Areas: FAST Act Implementation; Regional Models of Cooperation; Ladders of Opportunity.

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.
5. 2016 National Drive Electric Week event

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 member agency fleets or 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 May 2018 Advanced Clean Transportation Expo in Long Beach, the 2017/18 Governor's Office of Planning and Research ZEV Summit in Sacramento 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). (\$65,000)
2. Two public workshops, agendas, sign-in sheets, notes; (October 2017 & April 2018) (\$15,000)
3. Fleet analysis and capital investment plans as grant funding is available. (quarterly) (\$40,000)
4. Promotional items and materials. (annually) (\$1,000)
5. National Drive Electric Week event. (September 9-17, 2017) (\$20,000)
6. Bi-monthly Electric Vehicle Charging Space Inventory for Kern County. (\$26,000)

Revenue Budget

| AGENCY | FIMV | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|------|-----------------|------|------|-----------|------------------------|-----------|----------|----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | | | | | | | | \$85,549 | \$85,549 | \$0 | \$0 | \$0 |
| Consultant | | | | | | | | \$69,500 | \$69,500 | | | | |
| Capital | | | | | | | | | \$0 | | | | |
| Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$69,500 | \$85,549 | \$155,049 | \$0 | \$0 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
Work Element # 604.1 – REGIONAL TRAVEL DEMAND MODEL MAINTENANCE

Purpose & Goal

To develop and maintain the regional travel demand model.

*Meets the following California Planning Emphasis Areas: Core Planning Functions; Performance Management.

**Meets the following Federal Planning Emphasis Areas: FAST Act Implementation

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. Transportation investment studies for transit and multiple occupancy vehicle use; and
5. Validated model to 1988, 1990, 1994, 2001, 2006, 2008, 2015 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 2015;
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. Conform model for various years requested by ARB through 2050.

End Products (Schedule)

1. Model maintenance contract and support. (Ongoing) (\$362,000) (Consultant, Kern COG).

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 | \$118,515 | \$157,969 | | | | | | | | \$276,484 | \$13,594 | \$18,119 | \$0 | \$0 |
| Consultant | | | | | | | | | \$85,000 | \$85,000 | | | | |
| Capital | | | | | | | | | | \$0 | | | | |
| Total | \$118,515 | \$157,969 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$85,000 | \$361,484 | \$13,594 | \$18,119 | \$0 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
Work Element # 604.2 – GROWTH FORECAST MODEL

Purpose & Goal

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

*Meets the following California Planning Emphasis Areas: Core Planning Functions; Performance Management.

**Meets the following Federal Planning Emphasis Areas: FAST Act Implementation

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.
8. Updated employment data to 2015 base year and added employment types;

Study Design (Tasks & Responsible Agency)

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

End Products (Schedule)

1. Updates to TAZ socio-economic data.

Revenue Budget

| AGENCY | FEMA | | | | FTR | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|------|-----------------|------|------|-----------|------------------------|-----------|----------|-------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PPM | | 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 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
Work Element # 604.3 – REGIONAL TRAVEL DEMAND MODELING

Purpose & Goal

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

*Meets the following California Planning Emphasis Areas: Core Planning Functions; Performance Management and; State of Good Repair.

**Meets the following Federal Planning Emphasis Areas: FAST Act Implementation; Models of Regional Planning Cooperation.

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) (\$25,000).
2. Modeling to support development of local transportation impact fees. (annually) (\$25,000).
3. Transportation modeling. (monthly) (\$26,500).
4. Modeling to support development of the Sustainable Communities Strategy. (monthly) (\$25,000).

Revenue Budget

| AGENCY | TMA | | | | 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 | | \$101,215 | | | | | | | | \$101,215 | \$0 | \$11,609 | \$0 | \$0 |
| Consultant | | | | | | | | | | \$0 | | | | |
| Capital | | | | | | | | | | \$0 | | | | |
| Total | \$0 | \$101,215 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$101,215 | \$0 | \$11,609 | \$0 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
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: Core Planning Functions, Performance Management; State of Good Repair.

** Meets the following Federal Planning Emphasis Areas: FAST Act Implementation and Models of Regional Cooperation.

Previous Work

1. 2006, 2007, 2011 and 2014 Regional Transportation Plan;
2. 2011, 2013, 2015 and 2017 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. 7th 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. (annually) (\$2,000)
2. Technical assistance memorandums of agreement. (annually) (\$600)
3. Technical analysis and background supporting Regional Transportation Plan environmental documents. (monthly) (\$2,000)

Revenue Budget

| AGENCY | FHWA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|------|-----------------|------|------|-----------|------------------------|-----------|----------|-------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | Local | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | \$2,307 | | | | | | | \$0 | \$2,307 | \$0 | \$265 | \$0 |
| Consultant | | | | | | | | | | \$0 | | | |
| Capital | | | | | | | | | | \$0 | | | |
| Total | \$0 | \$2,307 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$2,307 | \$0 | \$265 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
Work Element #606.1 – TRANSIT PLANNING

Purpose & Goal* **

To provide comprehensive short and long-range transit planning for the Kern region while improving safety and security for all transit riders.

*Meets the following planning emphasis areas for California: Core Planning Functions; State of Good Repair and; Performance Management

** Meets the following Federal Planning Emphasis Areas: FAST Act Implementation; Models of Regional Cooperation and; Ladders of Opportunity.

Previous Work

1. Kern County Transit Security Plan (2013).
2. Metropolitan Bakersfield Transit System Long-range Plan (2012);
3. Metropolitan Bakersfield Fixed Guideway Passenger System, Phase I;
4. 2005 Eastern Sierra Public Transportation Plan;
5. 2004 Regional Transportation Improvement Program;
6. 2004 Regional Rural Transit Strategy;
7. 1998, 2000, and 2004 Regional Transportation Plan;
8. Metropolitan Bakersfield Major Investment Strategy (1997);
9. 1990 Short-Range Transit Plan;
10. Regional Transit Guide (1987 and 1990);
11. Rural Transportation Inventory (1987);
12. Metro Bakersfield Social Service Action Plan (1985);
13. 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.
18. Review Transit Security Plan annually and update as required (Kern COG);
19. Attend Countywide Transit Security and Emergency Management meetings (Kern COG);

End Products (Schedule)

1. FTA Section 5311 Program of Projects. (March 2018) (\$24,000).
2. Transit Operators Meeting minutes. (quarterly) (\$24,000).
3. FTA Section 5310 grant applications. (February 2018) (\$24,000).
4. Transit System Safety, Security, and Disaster Response Account (TSSDRA) Program of Projects. (June 2018) (\$24,000).
5. Public Transportation Modernization, Improvement, and Service Enhancement Act (PTMISEA) project delivery and closeout. (June 2018) (\$24,000)
6. Low-Carbon Transit Operations Program of Projects (February 2018) (\$24,000).

Revenue Budget

| AGENCY | FEMA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|------|-----------------|------|------|-----------|------------------------|-----------|----------|-------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP FPM | Local | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | \$89,199 | | | | | | | | \$89,199 | \$0 | \$10,231 | \$0 |
| Consultant | | | | | | | | | | \$0 | | | |
| Capital | | | | | | | | | | \$0 | | | |
| Total | \$0 | \$89,199 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$89,199 | \$0 | \$10,231 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
Work Element # 606.2 –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 California Planning Emphasis Areas: Core Planning Functions, Performance Management; and State of Good Repair.

**Meets the following Federal Planning Emphasis Areas: FAST Act Implementation; 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) (\$4,000).
2. San Joaquin Valley Joint Powers Authority. (bi-monthly) (\$4,000).
3. Passenger rail sections of the Regional Transportation Plan (April 2017) (\$4,000).

Revenue Budget

| AGENCY | FRAA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|------|-----------------|------|------|-----------|------------------------|-----------|----------|-------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | Local | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | \$15,463 | | | | | | | | \$15,463 | \$0 | \$1,774 | \$0 |
| Consultant | | | | | | | | | | \$0 | | | |
| Capital | | | | | | | | | | \$0 | | | |
| Total | \$0 | \$15,463 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$15,463 | \$0 | \$1,774 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
Work Element # 606.3
TRANSIT-ORIENTED DEVELOPMENT AND PARKING PRICING

Purpose & Goal**

To produce the Bakersfield Transit-Oriented Development (TOD) and parking pricing studies to document suitable locations for multi-modal TOD and provide an economic analysis of potential sites and managed parking pricing, while also supporting Kern Regional Transportation Plan (RTP) development by building on the Metropolitan Transit Center Studies.

*Meets the following California Planning Emphasis Areas: Core Planning Functions; Performance Management.

** Meets the following Federal Planning Emphasis Areas: FAST Act Implementation; 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 an agreement with a member agency to evaluate public transit services, transit-oriented development, and/or Parking Pricing;
2. Develop a TOD and/or Parking Pricing study;
3. Create visualizations illustrating one or more potential TOD sites that could be funded through parking pricing strategies.

End Products (Schedule)

1. Bakersfield Parking Pricing Study. (\$50,000) (June 2018) (Consultant)

Revenue Budget

| AGENCY | FHWA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|------|-----------------|------|------|-----------|------------------------|-----------|----------|----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP FPM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | \$1,366 | | | | | | | \$1,366 | \$0 | \$157 | \$0 | \$0 |
| Consultant | | | | | | | | | \$50,000 | | | | |
| Capital | | | | | | | | | \$0 | | | | |
| Total | \$0 | \$1,366 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$50,000 | \$0 | \$157 | \$0 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
Work Element # 606.4 – EASTERN KERN/STATE ROUTE 14/U.S. 395
TRANSPORTATION DEVELOPMENT PLAN

Purpose & Goal

Prepare a transportation development plan for eastern Kern County, including the State Route 14 and U.S. 395 corridors. (This work element is contingent upon grant selection and award.)

*Meets the following California Planning Emphasis Areas: Core Planning Functions; Performance Management and; State of Good Repair

**Meets the following Federal Planning Emphasis Areas: FAST Act Implementation; Models of Regional Cooperation and; Ladders of Opportunity.

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 California City 1991 1997 2012
 - o Tehachapi 1993 1999 2012
 - o Kern River Valley 1995 2015
 - o Ridgecrest 1992 1998 2007
 - 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. 2017) (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. 2017) (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 Board of Supervisors. (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. 2018) (Kern COG and Consultant)
- 8 Involve the public (stakeholders, system users, such as workshops, telephone, and personal interviews. (Feb. 2018) (Consultant).
- 9 Gather existing literature or data related to eastern Kern, including demographic data. (June 2018) (Consultant).
- 10 Identify transportation needs, evaluate current transportation services and analyze institution alternatives and service alternatives. (Consultant, Kern COG) (June 2018)
- 11 Assess data and summarize relevant points in the draft and final TDP. (June 2018)
- 12 Identify short-term service alternatives in a preferred service plan for eastern Kern. (June 2018) (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 County of Kern's system. (June 2017) (Consultant)
- 15 Prepare an implementation plan for the County of Kern. (June 2017) (Consultant)
- 16 Prepare a draft TDP for the County of Kern 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 County of Kern as well as the Kern COG Board of Directors. (Consultant) (June 2017)

End Products (July 2017 – January 2018)

1. Eastern Kern/State Route 14/U.S. 395 Transportation Development Plan (anticipated June 2018)

Revenue Budget

| AGENCY | FHA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|-----|-----------------|------|------|-----------|------------------------|-----------|----------|-------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | Local | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | \$5,419 | | | | | | | | \$5,419 | \$0 | \$622 | \$0 |
| Consultant | | | | | | | | | | \$0 | | | |
| Capital | | | | | | | | | | \$0 | | | |
| Total | \$0 | \$5,419 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$5,419 | \$0 | \$622 | \$0 |

Kern Council of Governments

OVERALL WORK PROGRAM – FY 2017/2018

Work Element # 606.5 – RURAL ALTERNATIVE TRANSIT PLAN

Purpose & Goal

The Rural Alternative Transit Plan will use the State of California *Statewide Transit Strategic Plan* to introduce best practices of introducing electric public transit vehicles, TDA subsidized transit network companies (TNCs), privately owned shared electric vehicle companies to lessen operating costs of Kern's rural public transit operators.

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);
6. Taft Transportation Development Plan 2015;
7. McFarland Transportation Development Plan 2015;
8. Kern River Valley Transportation Development Plan 2015; and
9. Shafter/Wasco Transportation Development Plan 2016

Study Design (Tasks & Responsible Agency)

1. Recommend projects and technology to reduce operating cost of Kern rural public transit operators over the next five year.

End Products (Five-year Rural Alternative Transit Plan)

None.

Revenue Budget

| AGENCY | FHWA | | | FTA | | | STIP PPM | Local | TOTAL |
|------------|------|------|------|-----------|-----------|------------|----------|-----------|------------|
| | PL | RSTP | CMAQ | Sec. 5303 | Sec. 5304 | SB1 | | | |
| Kern COG | | | | | | | | \$ 40,499 | \$ 40,499 |
| Consultant | | | | | | \$ 312,594 | | | \$ 312,594 |
| Capital | | | | | | | | | \$ - |
| Total | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 312,594 | \$ - | \$ 40,499 | \$ 353,093 |

Kern Council of Governments

OVERALL WORK PROGRAM – FY 2017/2018

Work Element # 606.6 – CHSTP UPDATE

Purpose & Goal**

Federal transit law requires that projects selected for funding under the Enhanced Mobility for Individuals and Individuals with Disabilities (Section 5310) Program be "included in a locally developed, coordinated public transit-human services transportation plan (CHSTP). Further, the plan should be developed and approved through a process that included participation by seniors, individuals with disabilities, representatives of public, private, and nonprofit transportation and human services providers and other members of the public" utilizing transportation services. Kern COG recognizes that CHSTP best practices recommend updating the regional CHSTP every five years. Kern COG's last CHSTP was published in 2013.

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);
6. Taft Transportation Development Plan 2015;
7. McFarland Transportation Development Plan 2015;
8. Kern River Valley Transportation Development Plan 2015; and
9. Shafter/Wasco Transportation Development Plan 2016

Study Design (Tasks & Responsible Agency)

1. Recommend projects and technology to reduce operating cost of Kern County Social Services transit operators and update CHSTP recommendations.

End Products (Schedule)

1. Kern County Coordinated Human Services Transportation Plan update (monthly) (\$80,000).

Revenue Budget

| AGENCY | FVWA | | | FTA | | | STIP PPM | Local | TOTAL |
|------------|------|------|------|-----------|-----------|-----------|----------|-----------|-----------|
| | PL | RSTP | CMAQ | Sec. 5303 | Sec. 5305 | SB1 | | | |
| Kern COG | | | | | | | | \$ 10,365 | \$ 10,365 |
| Consultant | | | | | | \$ 80,000 | | | \$ 80,000 |
| Capital | | | | | | | | | \$ - |
| Total | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 80,000 | \$ - | \$ 10,365 | \$ 90,365 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
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.

*Meets the following California Planning Emphasis Areas: Core Planning Functions; Performance Management and; State of Good Repair.

**Meets the following Federal Planning Emphasis Areas: FAST Act Implementation.

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 on the Joint Land Use Study for R-2508 Airspace.

End Products (Schedule)

1. Aviation GIS Database. (annually) (\$2,300)
2. Regional Aviation Capital Improvement Program (CIP) project lists. (biennial) (\$2,300)

Revenue Budget

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

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
Work Element # 608.1 – ACTIVE TRANSPORTATION PLANNING

Purpose & Goal*

To conduct planning studies for non-motorized and pedestrian 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 California Planning Emphasis Areas: Core Planning Functions and Performance Management.

**Meets the following Federal Planning Emphasis Areas: FAST Act Implementation and Ladders of Opportunity.

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. Complete Kern Region Active Transportation Plan
2. Complete Small Cities Bike Plans Project
3. Review existing bicycle plans from member agencies;
4. Determine the number of pedestrian facilities constructed throughout the region.
5. Review and rank bicycle and pedestrian projects under California's Active Transportation Program.
6. Toward an Active California State Bicycle Pedestrian Plan is expected to be finalized in April of 2017. Toward An Active California will guide bicycle planning in California. An update of the Kern County Regional ATP can address the visions and goals of Toward An Active California
7. Monitor construction for planned facilities;
8. Develop facilities mapping;
9. Receive comments and suggestions regarding route selection and facility construction priority scheduling from Active Transportation Plan Steering Committee;
10. Identify funding streams anticipated over period of time;
11. Complete environmental assessment of recommended non-motorized transportation facilities;
12. Submit plans for public review;
13. Receive and respond to public comments; and
14. Adoption of plans by Kern COG.

15. Consultation with tribal governments and environmental justice/disadvantaged communities for the Kern County Active Transportation Plan.
16. Analyze bicycle traffic count program data for the Kern County Active Transportation Plan.
17. Incorporate transit planning considerations in coordinating bicycle and pedestrian planning for the Kern County Active Transportation Plan.

End Products (Schedule)

1. Kern Region Active Transportation Plan
2. Small Cities Bicycle Plans (as a portion of the Kern Region Active Transportation Plan)
3. Active transportation facilities' environmental assessment.
4. Active transportation facilities maps.

Revenue Budget

| AGENCY | FRAVA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|-------|-----------------|------|----------|-----------|------------------------|-----------|----------|-----------|-----------------------------|-----------------|-----------|------------------------|
| | FL | FL carryover | RSTP | ATP | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | | FL | FL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | | | \$60,088 | | | | | \$60,088 | \$0 | \$0 | \$0 | \$0 |
| Consultant | | | | | | | | | \$172,000 | \$172,000 | | | |
| Capital | | | | | | | | | \$0 | | | | |
| Total | \$0 | \$0 | \$0 | \$60,088 | \$0 | \$0 | \$0 | \$0 | \$172,000 | \$232,088 | \$0 | \$0 | \$0 |

**Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
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: Core Planning Functions and Performance Management

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

Previous Work

1. Rideshare Week 2006-2016;
2. Clean Air Month and Rideshare Week 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;
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. (bimonthly) (\$50,000)
2. Website www.CommuteKern.org. (annually) (Consultant) (\$20,000)
3. Rideshare Week. (October 2017) (\$40,500).
4. TDM Outreach and promotions highlighting company employees who rideshare. (monthly) (\$60,000).
5. Clean Air Month. (May 2018) (\$25,000).
6. Electronic newsletter. (bi-monthly) (\$200).

7. Employer Trip Reduction Incentive Program (eTRIP) Coordinator Meetings. (quarterly) (\$4,720).
8. Employer rideshare events (monthly) (\$40,000).

Revenue Budget

| AGENCY | FHA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|-----|-----------------|------|-----------|-----------|------------------------|-----------|----------|-----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | | | \$195,912 | | | | | \$195,912 | \$0 | \$0 | \$0 | \$0 |
| Consultant | | | | \$20,000 | | | | | \$31,300 | \$51,300 | | | |
| Capital | | | | | | | | | \$0 | | | | |
| Total | \$0 | \$0 | \$0 | \$215,912 | \$0 | \$0 | \$0 | \$0 | \$31,300 | \$247,212 | \$0 | \$0 | \$0 |

**Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
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: Core Planning Functions; State of Good Repair and; Performance Management

** Meets the following Federal Planning Emphasis Areas: FAST Act Implementation; Models of Regional Planning Cooperation and Ladders of Opportunity.

Previous Work

1. San Joaquin Valley (SJV) Interregional Goods Movement Plan (March 2013).
2. Short-Line Rail Study Phase II (March 2012)
3. Kern Goods Movement Strategy (September 2012).
4. Railroad Grade Separation Study (Jan. 2011)
5. Short-Line Rail Study Phase I (Dec. 2010)
6. I-5/SR-99 Origins and Destinations Truck Study (October 2009).
7. SR-58 Origins and Destinations Truck Study (February 2009);
8. Caltrans Goods Movement Study for US-395 Corridor (June 2006);
9. San Joaquin Valley Movement Studies, Phase I (2000) and Phase II (2002);
10. Caltrans 2000 Statewide Freight 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 SJV COGs to develop the SJV 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. Participate in Statewide Coordination Process to designate Critical Urban and Critical Rural Freight Corridors;
7. Analyze future use of short-line rail for goods movement;
8. Prioritize safety improvements for goods movement along railroads;
9. Assist the Central California Railroad Authority in achieving annual goals;
10. Evaluate goods movement and truck study data to propose improvement projects for freight movement and connectivity, e.g. truck lanes, off-ramp improvements etc.; and
11. Perform truck model evaluation.

End Products (Schedule)

1. SJV Interstate 5 Corridor Study. (February 2018) (\$18,500) (Consultant)
2. Analyses and recommendations for goods movement and connectivity projects. (annually). (\$12,000)

3. Phase 2 – SJV Goods Movement Sustainable Implementation Plan (\$15,000) (March 2018) (Consultant)
4. Central California Rail Shippers and Receivers Association meetings (annually). (\$1,000)
5. Grade separation project analysis (annually). (\$11,000)
6. Short-haul rail project analysis (annually). (\$11,000)

Revenue Budget

| AGENCY | FHA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|-----|-----------------|------|------|-----------|------------------------|-----------|----------|-------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | Local | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | \$52,213 | | | | | | | | \$52,213 | \$0 | \$7,537 | \$0 |
| Consultant | | \$13,500 | | | | | | | | \$13,500 | | | |
| Capital | | | | | | | | | | \$0 | | | |
| Total | \$0 | \$65,713 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$65,713 | \$0 | \$7,537 | \$0 |

700 RECREATION AND OPEN SPACE

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 2017-2018.

800 EDUCATION

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 2017/2018
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.

*Meets the following California Planning Emphasis Areas: Core Planning and Performance Management;

**Meets the following Federal Planning Emphasis Areas: FAST Act Implementation; Models of Regional Cooperation and; Ladders of Opportunity.

Previous Work

- City of Bakersfield 2016 FASTLANE grant application
- City of Bakersfield 2017 FASTLANE grant application:
- 2016 technology workshop

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. Host grant workshops, invite funding agencies or successful project applicants. (ongoing)
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) (\$25,000)
2. Produce grant applications. (bi-monthly) (\$62,000)

Revenue Budget

| AGENCY | PWA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|-----|-----------------|------|------|-----------|------------------------|-----------|----------|----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | QMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | | | | | | | | \$87,303 | \$87,303 | \$0 | \$0 | \$0 |
| Consultant | | | | | | | | | | \$0 | | | |
| Capital | | | | | | | | | | \$0 | | | |
| Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$87,303 | \$87,303 | \$0 | \$0 | \$0 |

900 INTERGOVERNMENTAL COORDINATION

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 2017/2018
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 sub-regional issues, including sustainable development practices.

*Meets the following California Planning Emphasis Areas: Performance Management and State of Good Repair.

Previous Work

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

Revenue Budget

| AGENCY | BNTWA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|-------|-----------------|------|------|-----------|------------------------|-----------|----------|----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PPM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | | | | | | | | \$0 | \$0 | \$0 | \$0 | \$0 |
| Consultant | | | | | | | | | \$50,000 | \$50,000 | | | |
| Capital | | | | | | | | | \$0 | | | | |
| Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$50,000 | \$50,000 | \$0 | \$0 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
Work Element # 903.1 – INFORMATION AND DATA MANAGEMENT

Purpose & Goal

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

*Meets the following California Planning Emphasis Areas: Core Planning Functions.

**Meets the following Federal Planning Emphasis Areas: FAST Act Implementation and Ladders of Opportunity.

Previous Work

1. Database of Kern County socio-economic information;
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 for support of the Kern COG 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. Maintain collection of U.S. Census reports and provide library space for public inspection of the documents, including Home Mortgage Disclosure information;
7. Respond to and assist users of socio-economic information related to the Kern County 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 (\$5,000) (annually)
2. Socio-economic information database related to the Kern County area (\$80,000) (monthly).

Revenue Budget

| AGENCY | PMWA | | | | 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 | | \$85,357 | | | | | | | | \$85,357 | \$0 | \$9,790 | \$0 |
| Consultant | | | | | | | | | | \$0 | | | |
| Capital | | | | | | | | | | \$0 | | | |
| Total | \$0 | \$85,357 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$85,357 | \$0 | \$9,790 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
Work Element # 904.1 –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 California Planning Emphasis Areas: Core Planning Functions; Performance Management and; State of Good Repair

**Meets the following Federal Planning Emphasis Areas: FAST Act Implementation; Regional Models of 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. 2006-2016 San Joaquin Valley Regional Planning Agencies' policy conferences;
7. 2005-2016 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 (monthly) (\$41,000);
2. San Joaquin Valley transportation/air quality planning process (consultant) (monthly) (\$45,000);

3. San Joaquin Valley transportation planning agencies work plan/Policy Council coordination (\$27,000) (consultant) (monthly);
4. Air quality planning study (bi-monthly) (\$10,000);
5. Kern COG/SCAG coordination meetings (annually) (\$5,000);
6. San Joaquin Valley Regional Planning Agencies Policy Conference (February 2018) (\$5,000).

Revenue Budget

| AGENCY | FRTWA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|-------|-----------------|------|------|-----------|------------------------|-----------|----------|----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | Local | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | \$41,785 | | | | | | | \$41,785 | \$0 | \$4,793 | \$0 | \$0 |
| Consultant | | | | | | | | \$72,000 | \$72,000 | | | | |
| Capital | | | | | | | | | \$0 | | | | |
| Total | \$0 | \$41,785 | \$0 | \$0 | \$0 | \$0 | \$0 | \$72,000 | \$0 | \$0 | \$4,793 | \$0 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
Work Element #904.2 – 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.

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

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 (quarterly) (\$700)

| AGENCY | FEMA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|------|-----------------|------|------|-----------|------------------------|-----------|----------|-------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | | | | | | | | \$661 | \$661 | \$0 | \$0 | \$0 |
| Consultant | | | | | | | | | | \$0 | | | |
| Capital | | | | | | | | | | \$0 | | | |
| Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$661 | \$661 | \$0 | \$0 | \$0 |

1000 PROGRAM PLANNING AND ADMINISTRATION

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 2017/2018
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 (quarterly) (\$7,500)
2. Non-reimbursable travel (monthly) (\$7,500)

Revenue Budget

| AGENCY | FVIA | | | | TIA | | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|------|-----------------|------|------|-----------|------------------------|-----------|----------|----------|----------|-----------------------------|-----------------|-----------|------------------------|
| | FL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | Local | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | | | | | | | | \$15,000 | \$15,000 | \$0 | \$0 | \$0 | \$0 |
| | | | | | | | | | | | | | | |
| Consultant | | | | | | | | | | \$0 | | | | |
| | | | | | | | | | | | | | | |
| Capital | | | | | | | | | | \$0 | | | | |
| | | | | | | | | | | | | | | |
| Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$15,000 | \$15,000 | \$0 | \$0 | \$0 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
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 trips;
2. San Joaquin Valley COGs federal legislative advocacy trips;
3. Kern COG's regional state legislative advocacy trips; and
4. San Joaquin Valley COGs state legislative advocacy trips.
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. (annually) (\$15,000);
2. Legislative amendments regarding transportation, housing, water, air quality and/or energy-related bills (annually) (\$15,000);
3. San Joaquin Valley COGs federal legislative advocacy trip. (September 2017) (\$12,000);
4. San Joaquin Valley COGs state legislative advocacy trip. (March 2018) (\$8,000);

Revenue Budget

| AGENCY | RTWA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|------|-----------------|------|------|-----------|------------------------|-----------|----------|----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | | | | | | | | \$41,527 | \$41,527 | \$0 | \$0 | \$0 |
| Consultant | | | | | | | | | \$6,000 | \$6,000 | | | |
| Capital | | | | | | | | | \$0 | | | | |
| Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$47,527 | \$47,527 | \$0 | \$0 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
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.

*Meets the following California Planning Emphasis Areas: Performance Management; Core Planning Functions and; State of Good Repair.

**Meets the following Federal Planning Emphasis Areas: FAST Act Implementation and Ladders of Opportunity.

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) (\$5,000);
2. Financial statements and status reports, including a balance sheet and statement of revenues and disbursements. (monthly) (\$5,000);
3. Annual estimate of area apportionments. (March 2018) (\$5,000);
4. Subsidiary trust account statements. (quarterly) (\$5,000)
5. Annual claims and applications. (Transit March 2018); (Pedestrian/Bike August 2017); (Streets/Roads September 2017) (\$5,000);
6. Annual financial and compliance audit reports. (annually) (Consultant = \$150,000)
7. Triennial performance audit reports. (triennially) (consultant)
8. Metro CTSA monitoring and evaluation report. (annually) (\$5,000)
9. Annual TDA Pedestrian and Bikeway Program of Projects (annually) (\$5,000);
10. Countywide ridership report. (January 2018) (\$5,000);
11. Unmet transit needs finding and documentation. (June 2018) (\$5,000);
12. Coordinated Human Services Transportation Plan Update. (biennially)
13. Social Service Transportation Advisory Committee meetings. (quarterly) (\$5,000);
14. Special Transit Studies (biennially) (Consultant = \$80,000)
15. Monitor and evaluate the Social Service Transit Program in the Metro Bakersfield area. (quarterly) (\$5,000);

Revenue Budget

| AGENCY | FUTA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|------|-----------------|------|------|-----------|------------------------|-----------|----------|-----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PPM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | | | | | | | | \$156,921 | \$156,921 | \$0 | \$0 | \$0 |
| Consultant | | | | | | | | | \$150,000 | \$150,000 | | | |
| Capital | | | | | | | | | | \$0 | | | |
| Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$306,921 | \$306,921 | \$0 | \$0 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
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.

*Meets the following California Planning Emphasis Areas: Core Planning Functions

**Meets the following Federal Planning Emphasis Areas: FAST Act Implementation and Ladders of Opportunity.

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) 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.
15. Create a public education campaign about transportation funding for a broad range of individuals and groups throughout Kern.

End Products (Schedule)

1. Kern COG Quarterly. (Sept. 2017, Dec. 2017, March 2018, June 2018) (\$7,500);
2. Informational brochures, annual report and news releases. (annually) (\$10,000);
3. Kern COG Internet provider. (KCSOS=\$12,000) (monthly);
4. Kern COG website maintenance (\$25,000) (monthly)
5. Board meetings and other broadcasts. (KGOV = \$46,500) (monthly);
6. Regional Awards Program. (\$30,000) (March 2018) (Non-reimbursable).
7. Speaking engagements, community festivals (quarterly) (\$52,000)
8. Public education campaign about transportation funding i.e. logo, website, social media. (\$30,000) (June 2018).

Revenue Budget

| AGENCY | FIMA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|------|--------------|------|------|-----------|------------------------|-----------|----------|-----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PPM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | \$91,746 | | | | | | | \$91,746 | \$0 | \$21,592 | \$0 | \$0 |
| Consultant | | \$96,500 | | | | | | | \$96,500 | | | | |
| Capital | | | | | | | | | \$0 | | | | |
| Total | \$0 | \$188,246 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$188,246 | \$0 | \$21,592 | \$0 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
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.

*Meets the following California Planning Emphasis Areas: Core Planning Functions;

**Meets the following Federal Planning Emphasis Areas: FAST Act Implementation; Models of Regional Cooperation and; Ladders of Opportunity.

Previous Work

1. 2016-17 Kern COG financial plan and OWP development;
2. Public notices, announcements and workshops announcing the OWP.
3. 2016-17 Financial plan and OWP monitoring and monthly cost allocation;
4. 2016-17 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 2016-17 (August 2018) (\$2,000)
2. Quarterly reporting for 2017-18 fiscal year (quarterly) (\$10,000)
3. OWP and related public participation documentation for 2017-18 (monthly) (\$300,000)
4. Coordinate 2017-18 OWP preparation (December 2017-May 2018) (\$50,000)

Revenue Budget

| AGENCY | FTA | | | | FTA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|-----|-----------------|------|------|-----------|------------------------|-----------|----------|-----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PPM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | | | | | | | | \$360,786 | \$360,786 | \$0 | \$0 | \$0 |
| Consultant | | | | | | | | | | \$0 | | | |
| Capital | | | | | | | | | | \$0 | | | |
| Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$360,786 | \$360,786 | \$0 | \$0 | \$0 |

2000 Traveler Information & Assistance

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 2017/2018
Work Element # 2001.1 – KMAA SYSTEM ADMINISTRATION AND OPERATIONS

Purpose & Goal

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

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

Previous Work

1. Call Box Upgrade to 3G voice and 4G data technology. (Fall 2016);
2. Call Box Retrofit & Upgrade Project. (September 2009);
3. Call Box Program Evaluation & Needs Assessment (June 2006);
4. CalSAFE "Call Box Crash Worthiness Study" (June 2004);
5. The KMAA "Ten-Year Strategic Plan" (1998-2008);
6. Participate in the California Service Authority for Freeways and Expressways Committee (CalSAFE);
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. Prepare periodic management reports regarding contract status, service performance and related matters.

Study Design (Tasks & Responsible Agency)

1. Investigate call box network modifications;
2. Evaluate new technological capabilities developed for call boxes;
3. Identify and define local issues related to network design and operation;
4. Provide for call box installation and removal pursuant to approved plans;
5. Provide for the periodic preventive, corrective maintenance of network hardware;
6. Provide for regular and reliable radio, cellular or other communication services;
7. Provide for and analyze periodic statistical reports regarding call box use.
8. Review legislation, regulations and guidelines regarding call box services;
9. Prepare an annual KMAA work program and budget;
10. Review and approve for payment invoices for purchases & contractual services;
11. 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
12. 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. Call Box Use Statistical Reports. (quarterly) (\$1,000)
2. Knockdown and vandalism report. (quarterly) (\$10,000)
3. Special studies. (annually) (\$12,000)
4. Annual work plan and budget (annually) (\$1,000)
5. Financial statements. (quarterly) (\$1,000)

Revenue Budget

| AGENCY | PMA | | | | ITA | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|-----|-----------------|------|------|-----------|------------------------|-----------|----------|----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | | | | | | | | \$17,486 | \$17,486 | \$0 | \$0 | \$0 |
| Consultant | | | | | | | | | | \$0 | | | |
| Capital | | | | | | | | | | \$0 | | | |
| Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$17,486 | \$17,486 | \$0 | \$0 | \$0 |

Kern Council of Governments
OVERALL WORK PROGRAM – FY 2017/2018
Work Element # 2002.1 – 511 SYSTEM ADMINISTRATION 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.
7. Attend the ITS California Annual Conference including a session for 511 system operators.

End Products (Schedule)

1. Kern 511 Traveler Information System, including interactive voice recognition and website capabilities (monthly) (\$10,000)
2. Kern 511 Traveler Information System Marketing Plan (biannually) (\$10,000) and
3. Modifications and/or expansions to the 511 network (annually) (\$5,000)

Revenue Budget

| AGENCY | FHWA | | | | FTA | | | | | TOTAL | TOLL CREDITS NOT REVENUE | | | |
|------------|------|-----------------|------|------|-----------|------------------------|-----------|----------|----------|----------|-----------------------------|-----------------|-----------|------------------------|
| | PL | PL carryover | RSTP | CMAQ | Sec. 5303 | Sec. 5303 carryover | Sec. 5304 | STIP PFM | Local | | PL | PL carryover | Sec. 5303 | Sec. 5303 carryover |
| Kern COG | | | | | | | | | \$26,906 | \$26,906 | \$0 | \$0 | \$0 | \$0 |
| Consultant | | | | | | | | | | \$0 | | | | |
| Capital | | | | | | | | | | \$0 | | | | |
| Total | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$26,906 | \$26,906 | \$0 | \$0 | \$0 | \$0 |

VII. SUMMARY FINANCIAL TABLE/FOOTNOTE LEGEND

SUMMARY FINANCIAL TABLE

| Funding Source | Footnotes | Cost Sharing (grantor % / KCOG %) | | | | | | | | | | | | | Regional Planning Match | Regional Planning Non-match | Regional Planning Total | TOTAL BUDGET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | (5) | (5) | (5) | (5) | (7) | 89/11 | FHWA PL | FHWA RSTP | FHWA CMAQ 89/11 | Caltrans ATP | STIP PRM | (11b) | (11c) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 101.1 | \$ | 21,255 | \$ | 21,255 | \$ | 21,255 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Kern Council of Governments
FY 2017-2018 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: | Grantor | Local Match |
|----------------------|-------------|-------------|
| PY Carryover | \$ - | \$ - |
| 2017-2018 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: | Grantor | Local Match | Toll Credits |
|----------------------|-------------------|-------------|------------------|
| PY Carryover | \$ 58,527 | | \$ 6,713 |
| 2017-2018 Allocation | \$ 297,787 | | \$ 34,156 |
| Unprogrammed | \$ - | \$ - | |
| TOTAL | <u>\$ 356,314</u> | <u>\$ -</u> | <u>\$ 40,869</u> |

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

| Funding: | Grantor | Local Match | Toll Credits |
|----------------------|---------------------|-------------|-------------------|
| PY Carryover | \$ 909,063 | | \$ 104,270 |
| 2017-2018 Allocation | \$ 1,410,208 | | \$ 161,751 |
| Unprogrammed | \$ (71,849) | | \$ (8,241) |
| TOTAL | <u>\$ 2,247,422</u> | <u>\$ -</u> | <u>\$ 257,779</u> |

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

| Funding: | Grantor | Local Match |
|----------------------|------------------|------------------|
| PY Carryover | \$ - | \$ - |
| 2017-2018 Allocation | \$ 79,677 | \$ 10,323 |
| Unprogrammed | | \$ - |
| TOTAL | <u>\$ 79,677</u> | <u>\$ 10,323</u> |

Kern Council of Governments
FY 2017-2018 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

| | | |
|----------------------|-------------------|--------------------|
| Funding: | <u>Grantor</u> | <u>Local Match</u> |
| PY Carryover | \$ - | \$ - |
| 2017-2018 Allocation | \$ 215,912 | \$ 27,974 |
| Unprogrammed | \$ - | \$ - |
| TOTAL | <u>\$ 215,912</u> | <u>\$ 27,974</u> |

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

| | | |
|----------|----------------|--------------------|
| Funding: | <u>Grantor</u> | <u>Local Match</u> |
| TOTAL | <u>\$ -</u> | <u>\$ -</u> |

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

| | | |
|----------------------|-------------------|--------------------|
| Funding: | <u>Grantor</u> | <u>Local Match</u> |
| PY Carryover | \$ 100,000 | \$ - |
| 2017-2018 Allocation | \$ - | \$ - |
| Unprogrammed | \$ - | \$ - |
| TOTAL | <u>\$ 100,000</u> | <u>\$ -</u> |

(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

| | | |
|----------------------|-------------------|--------------------|
| Funding: | <u>Grantor</u> | <u>Local Match</u> |
| PY Carryover | \$ - | \$ - |
| 2017-2018 Allocation | \$ 299,000 | \$ - |
| Unprogrammed | \$ - | \$ - |
| TOTAL | <u>\$ 299,000</u> | <u>\$ -</u> |

Kern Council of Governments
FY 2017-2018 Overall Work Program
Financial Summary Chart
FOOTNOTE LEGEND

(11c) Grantor Agency: California Department of Transportation
Designated Recipient:
Program: SB1
WorkElement: 606.5, 606.6

| Funding: | Grantor | Local Match |
|----------------------|------------------|-----------------|
| PY Carryover | \$0 | \$0 |
| 2017-2018 Allocation | \$392,594 | \$ 50,865 |
| Unprogrammed | \$0 | \$0 |
| TOTAL | <u>\$392,594</u> | <u>\$50,865</u> |

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

| Funding: | Administration | Planning | Total |
|----------------------|-------------------|----------|---------------------|
| PY Carryover | \$ 561,522 | # | \$ 561,522 |
| 2017-2018 Allocation | \$364,113 | ## | \$ 1,423,901 |
| Unprogrammed | \$ - | # | \$ (856,631) |
| TOTAL | <u>\$ 925,635</u> | <u>#</u> | <u>\$ 1,128,792</u> |

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

| Funding: | Grantor |
|------------------------|------------------|
| Contracts | \$ 40,000 |
| Member Dues | \$ - |
| Partnership Sales | \$ - |
| KMAA | \$ 44,392 |
| Freeway Service Patrol | \$ - |
| AB 811 | \$ - |
| TOTAL | <u>\$ 84,392</u> |

VIII. INFORMATION ELEMENT/OTHER ENTITIES PLANNING ACTIVITIES

ATTACHMENT A
KERN COUNCIL OF GOVERNMENTS
OTHER PLANNING ACTIVITIES WITHIN THE REGION
FY 2017 - 2018

Informational Element Matrix

The following is a list of planning activities for which Caltrans is involved in for within the MPO metropolitan planning area.

| Activity Description | MPO Work Element Number | Funding Type | Product(s) | Work Performed By | Due Date | FSTIP Prgmng. |
|--|-------------------------|--------------|--|---|-----------|---------------|
| Caltrans work elements for OWP, progress reports, reimbursement and monitoring | N/A | FED/STATE | OWP Management | Caltrans | On-going | No |
| IGR/local development reviews | N/A | STATE | Recommended mitigation for development impacts on State facilities | Caltrans | On-going | No |
| Update Various System Planning Documents | N/A | STATE | Various System Planning Documents | Caltrans | On-going | No |
| Valley-wide GIS | N/A | STATE | Coordinate Integration of Valley-wide GIS into Caltrans GIS | Caltrans | On-going | No |
| California Transportation Plan | N/A | STATE | The California Transportation Plan (CTP) 2040, was approved by the Transportation Agency in June of 2016. The CTP seeks to pull together all modal plans for a comprehensive approach to sustainable transportation in California. Implementation is on-going. | Caltrans | On-going | No |
| Tribal Consultation and Coordination | N/A | FED/STATE | Coordinating projects that impact the State Route and the Tejon Indian Tribe, including Indian Reservation Roads Inventory Program | Caltrans, Tribal Governments | On-going | No |
| SR 41 PlanWorks Grant | N/A | STATE | Preparing a TCR using FHWA's PlanWorks tools | Caltrans in coordination with local partners and stakeholders | 5/31/2017 | No |

FTA FISCAL YEAR 2017 CERTIFICATIONS AND ASSURANCES

FEDERAL FISCAL YEAR 2017 CERTIFICATIONS AND ASSURANCES FOR FEDERAL TRANSIT ADMINISTRATION ASSISTANCE PROGRAMS

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

Name of Applicant: Kern Council of Governments

The Applicant agrees to comply with applicable provisions of (Categories 01 – 23, X
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, Public Transportation Safety Program, and State Safety Oversight Requirements. | _____ |
| 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. | Enhanced Mobility of 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. | Construction Hiring Preferences. | _____ |

FTA FISCAL YEAR 2017 CERTIFICATIONS AND ASSURANCES

FEDERAL FISCAL YEAR 2017 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: Kern Council of Governments

Name and Relationship of the Authorized Representative: Ahron Hakimi, Exec. Director

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 2017, 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 during federal fiscal year 2017.

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 Ahron Hakimi, Executive Director

Authorized Representative of Applicant

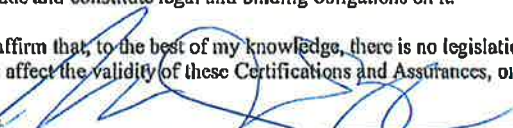
AFFIRMATION OF APPLICANT'S ATTORNEY

For (Name of Applicant): Kern Council of Governments

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:

5/31/17

Name Brian VanWyk, Kern County Counsel

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 2017/2018 FHWA and FTA Metropolitan Transportation Planning Process Self-Certification

In accordance with 23 CFR part 450, the California Department of Transportation and Kern Council of Governments, the designated Metropolitan Planning Organization for the County of Kern 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

Ahron Hakimi, Executive Director

Title

06/09/17

Date



Caltrans District Approval Signature

for Bail Miller, Deputy District Director, Planning
and Local Programs

Title

6-13-17

Date

FY 2017/2018 FHWA and FTA State and Metropolitan Transportation Planning Process Self-Certification

In accordance with 23 CFR part 450, the California Department of Transportation and Kern Council of Governments, Regional Transportation Planning Agency, 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.



RTPA Authorizing Signature

Ahron Hakimi, Executive Director

Title

06 / 09 / 17

Date



Caltrans District Approval Signature

for Gail Miller, Deputy District Director, Planning
and Local Programs

Title

6-13-17

Date

**Fiscal Year 2017/2018 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 2017/2018
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 Ahron Hakimi, Executive Director

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 Kern Council of Governments (Name of Applicant)
Signature  Date 5/31/17

Printed Name of Applicant's Attorney Brian VanWyk, Kern County Counsel

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) |
|------|--|

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 |
| SRTP | 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 |
|-----|-----------------------|