

# **2021-2022 OVERALL WORK PROGRAM**

***Amendment No. 3  
5-19-2022***



**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

### **General**

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

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

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

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

### **Transportation Planning Approach**

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).

### **Agency Organizational Structure and Interagency Arrangements**

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.

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)  
Transportation Modeling Committee (TMC)

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

The 11 incorporated cities and the County of Kern 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 of 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.

### **Native American Tribal Governments**

Kern COG staff has reached out to the Tejon Tribe verbally and in writing requesting a government-to-government meeting at the Tribes convenience. In addition, Kern COG provided a draft government-to-government agreement to better facilitate the interaction between the two government organizations.

In an attempt to expedite the process, Kern COG staff attended the monthly meeting of the Greater Lamont Chamber of Commerce in November 2017, when the Tejon Indian Tribe made a presentation about the history of the Tribe including the current goals. Healthcare, education, and housing are top priorities for the leadership of the Tejon Tribe. Their goal is to be entirely self-reliant as a community. They do not want to depend on the state or county to provide a service that they as a Tribe now have the opportunity to create, maintain and sustain.

### **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, Environmental Justice and Title VI communities. The multi-district county and geographic separation of communities creates difficulty in fostering public

participation. Despite the hurdles, staff is dedicated to encouraging public participation at every level of project development.

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

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

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

To get involved in the public participation process, contact Kern COG at 1401 19<sup>th</sup> Street, Suite 300; Bakersfield, CA 93301. Phone: (661) 635-2900 Fax: (661) 324-8215 E-mail: [ahakimi@kerncog.org](mailto:ahakimi@kerncog.org); Home Page: [kerncog.org](http://www.kerncog.org).

### **Progress Made Toward Implementing the RTP and TIP**

The core of this OWP effort is the development of the Regional Transportation Plan (RTP) and the Transportation Improvement Program (TIP). This OWP governs a comprehensive, cooperative, and continuing process as required for initiatives to be eligible for federal transportation funding. This year is the first year of the continuing process for the 4 year RTP cycle and the 2 year TIP. Both processes allow for periodic amendments as needed. The cooperative nature of these documents include an on-going and continuing public outreach process that begins shortly after adoption of the previous RTP and TIP. In addition, the process includes a comprehensive approach that includes an increasingly more sophisticated and integrated performance monitoring process.

## **II. 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 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).

### **III. PROGRAMS, PROCESSES AND PLANS**

#### **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 June 2019, the Kern COG transportation planning process is certified as meeting transportation planning requirements.

#### **IV. FEDERAL PLANNING FACTORS, CALIFORNIA 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.

##### **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.

### **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 the Transportation Improvement Program (TIP) and 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.

### **FAST Act 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.

MAP - 21/FAST Act Planning Factors														
	WE 101.1	WE 102.1	WE 201.1	WE 203.1A & 601.3	WE 203.2A & 601.4	WE 203.3A & 603.3	WE 203.4A	WE 203.6	WE 601.1	WE 601.2 & 602.1	WE 603.1 & 603.2	WE 604.1 & 604.2	WE 606.1, 608.1 & 609.1	WE 610.1 & 610.2
1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.						X		X			X			
2. Increase the safety of the transportation system for motorized and non-motorized users.				X	X		X		X	X	X	X		
3. Increase the security of the transportation system for motorized and non-motorized users.				X	X		X		X	X	X	X		
4. Increase the accessibility and mobility of people and for freight.				X	X		X		X	X		X		X
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.	X	X		X	X	X	X		X	X	X	X	X	
6. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight.				X	X	X	X	X	X	X		X	X	X
7. Promote efficient system management and operation.			X			X		X	X	X	X	X	X	X
8. Emphasize the preservation of the existing transportation system.				X	X		X		X		X	X	X	
9. Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater and reduce or mitigate stormwater impacts of surface transportation.		X		X	X		X							
10. Enhance travel and tourism.				X	X	X	X		X					

## **V. WORK ELEMENT**

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

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

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**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 Core Planning Functions including the Regional Transportation Plan, Federal Transportation Improvement Program, air quality conformity. and Performance Management.

**Previous Work**

1. Conformity analyses for Regional Transportation Plan and Federal Transportation Improvement Program since 1990: 2021 FTIP;
2. Transportation/air quality consultation procedures updates;
3. Use of EMFAC emissions modeling for 2021 FTIP;
4. Development of latest planning assumptions for conformity 2022 RTP;
5. Identification and tracking of transportation system management strategies.
6. Performing PM2.5 and PM10 hot-spot assessment for member agencies: Hot-Spot Assessments for The Signalization Project at McKee Road and Ashe Road Intersection; Hot Spot Assessment for Traffic Signal at McKee Road and Wible Road; Hot-Spot Assessments for The Kern County Signalization Projects: Flower and Virginia Streets, Manor Street and Day Avenue, Elizabeth Norris Road and Lake Isabela Blvd, Cummings Valley Road and Bear Valley Road (KER180507)

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

<b>Task #</b>	<b>Task</b>	<b>Completion Date</b>	<b>% of Effort</b>
1	Administer Air Quality Modeling/Transportation Management Program 2022 RTP. (Kern COG).	June 30	20%
2	Coordinate activities and provide staff support for transportation air quality, as required for the Air Quality Attainment Plans in Kern County. (Kern COG).	June 30	20%
3	Participate with SJVAPCD/Kern APCD in preparing transportation components of the State Implementation Plan (SIP). (Kern COG).	June 30	10%
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. (Kern COG).	June 30	10%
5	Monitor and implement federal air quality regulations. (Kern COG).	June 30	8%
6	Monitor transportation/air quality programs to determine needs for transportation and air quality modeling. (Kern COG).	June 30	8%
7		June 30	8%

8	Review plans and programs for conformity with state and federal Clean Air Acts, conduct necessary modeling, and maintain data and documentation. (Kern COG).	June 30	5%
9	Assist air districts in developing mobile source emission inventories. (Kern COG).	June 30	5%
10	Attend interregional model coordinating meetings and statewide air quality meetings. (Kern COG).	June 30	2%
11	Participate in air quality working groups as required. (Kern COG).	June 30	2%
12	Provide modeling of transportation programs, plans and projects. (Kern COG).	June 30	2%
	Meet and consult with various agencies during updates of EMFAC, CUBE, and other modeling software. (Kern COG).		

### End Products (Schedule)

1. Air Quality Conformity Analysis for plans, programs and amendments 2022 RTP. (quarterly).
2. RTP/FTIP, document updates and associated conformity analyses and determinations. 2022 RTP (quarterly, even-numbered years).
3. Conformity SIP program. (quarterly as required by Air District schedules).
4. Air Quality Modeling Output Using EMFAC 2022 RTP. (quarterly).

### 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	\$33,833				\$35,305	\$4,374				\$73,512	\$3,881	\$0	\$4,049	\$502
Consultant										\$0				
Total	\$33,833	\$0	\$0	\$0	\$35,305	\$4,374	\$0	\$0	\$0	\$73,512	\$3,881	\$0	\$4,049	\$502

### Funding by Task

SOURCE	TASKS												TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	
FHWA PL	\$ 6,767	\$ 6,767	\$ 3,383	\$ 3,383	\$ 2,707	\$ 2,707	\$ 2,707	\$ 1,692	\$ 1,692	\$ 677	\$ 677	\$ 677	\$ 33,833
FTA 5303	\$ 7,061	\$ 7,061	\$ 3,531	\$ 3,531	\$ 2,824	\$ 2,824	\$ 2,824	\$ 1,765	\$ 1,765	\$ 706	\$ 706	\$ 706	\$ 35,305
FTA 5303 C/O	\$ 875	\$ 875	\$ 437	\$ 437	\$ 350	\$ 350	\$ 350	\$ 219	\$ 219	\$ 87	\$ 87	\$ 87	\$ 4,374
Local	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 14,702	\$ 14,702	\$ 7,351	\$ 7,351	\$ 5,881	\$ 5,881	\$ 5,881	\$ 3,676	\$ 3,676	\$ 1,470	\$ 1,470	\$ 1,470	\$ 73,512

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**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. Review Local Agency Formation Commission inquiries concerning proposed changes in boundaries of cities, the county and special districts. Monitor ongoing Kern Integrated Regional Water Management Plan (IRWMP) and its relationship with the Regional Transportation Plan/Sustainable Communities Strategy.

**Previous Work**

1. Review and comment on regional projects' environmental documents that impact the Regional Transportation Plan/Sustainable Communities Strategy RTP/SCS;
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 the 2018 Regional Transportation Plan/Sustainable Communities Strategy; and
6. Monitor the American Farmland Trust "Saving Farmland, Growing Cities" program.

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

Task #	Task	Completion Date	% of Effort
1	Review and comment on Local Agency Formation Commission inquiries concerning proposed changes in boundaries of cities and special districts. (Responsible Party: Kern COG).	June 30	40%
2	Review and comment on regionally significant environmental documents of cities, the county and special districts for compliance with the Regional Transportation Plan/Sustainable Communities Strategy. (Responsible Party: Kern COG).	June 30	40%
3	Maintain repository of southern San Joaquin Valley regional water quality studies and documents. (Responsible Agency: Kern COG).	June 30	10%
4	Participate when applicable in the Kern IRWMP. (Responsible Agency: Kern COG).	June 30	10%

**End Products (Schedule)**

1. Issue responses to Local Agency Formation Commission inquiries concerning proposed changes in the boundaries of cities and special districts to assure compliance with the RTP/SCS. (monthly, when requested).

2. Issue letters responding to regionally significant environmental documents of cities, the county and special districts for compliance with the RTP/SCS. (monthly when requested).

## Revenue Budget

AGENCY	FHWA	FTA	TOTAL	TOLL CREDITS NOT REVENUE	
				PL	Sec. 5303
Kern COG	\$17,187	\$17,461	\$34,648	\$1,971	\$2,003
Total	\$17,187	\$17,461	\$34,648	\$1,971	\$2,003

## Funding by Task

SOURCE	TASKS				TOTAL
	1	2	3	4	
FHWA PL	6,875	6,875	1,719	1,719	\$ 17,187
FTA 5303	6,984	6,984	1,746	1,746	\$ 17,461
TOTAL	\$ 13,859	\$ 13,859	\$ 3,465	\$ 3,465	\$ 34,648

## **200 COMMUNITY DEVELOPMENT**

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Development of communities that are compact, energy efficient and designed to reduce air and noise pollution, pose problems for both government agencies and development interests. Land management and livable community concepts address many of these issues and contribute to a new perspective on housing and land use as they relate to the environment and quality of life in the Kern region. Development of a Complete Streets Policy Guide would be beneficial to Kern COG member agencies (please see Work Element 608.1 previous work completed).

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**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). The GIS mapping program is designed to both maintain map layers such as land use, imagery, and roads for RTP and SCS analysis as well as providing supporting data for use in the transportation demand model.

\*Meets Core Planning Functions including the Regional Transportation Plan and Federal Transportation Improvement Program

**Previous Work**

1. Kern Geographic Information Network (Kern GEONET) coordination;
2. Kern COG GIS Program updates;
3. Local jurisdiction land use data for modeling inputs

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

Task #	Task	Completion Date	% of Effort
1	Kern COG identify, compile and maintain environmental map data in a single database. Compile local jurisdictions' general plan information for land-use modeling. Continue maintenance of Enterprise GIS database.	June 30	35%
2	Kern COG provide assistance to the Geographic Information Advisory Committee.	June 30	20%
3	Kern COG Update Disadvantaged Communities Mapping.	June 30	20%
4	Update historical aerial imagery for modern GIS systems	June 30	25%

**End Products (Schedule)**

1. Update Disadvantaged Communities mapping. (June 2022).
2. Kern Geographic Information Network (Kern GEONET) coordination. (June 2022)
3. Maintain layers for RTP modeling inputs (June 2022)
4. Historical aerial imagery update (June 2022)

**Revenue Budget**

AGENCY	FHWA				FTA				TOTAL		TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local		PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$228,214	\$5,646			\$94,410	\$24,100			\$29,758	\$382,128	\$26,176	\$648	\$10,829	\$2,764
Consultant										\$0				
Total	\$228,214	\$5,646	\$0	\$0	\$94,410	\$24,100	\$0	\$0	\$29,758	\$382,128	\$26,176	\$648	\$10,829	\$2,764

## Funding by Task

SOURCE	TASKS				TOTAL
	1	2	3	4	
FHWA PL	79,875	45,643	45,643	57,054	\$ 228,214
FHWAPL C/O	1,976	1,129	1,129	1,412	\$ 5,646
FTA 5303	33,044	18,882	18,882	23,603	\$ 94,410
FTA 5303 C/O	8,435	4,820	4,820	6,025	\$ 24,100
Local	10,415	5,952	5,952	7,440	\$ 29,758
TOTAL	\$ 133,745	\$ 76,426	\$ 76,426	\$ 95,532	\$ 382,128

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**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. A goal of this Work Element is to ensure that local jurisdictions have up-to-date land use and other GIS data needed for development of the RTP/SCS.

\*Meets Core Planning Functions including the Regional Transportation Plan.

**Previous Work**

1. Arvin and McFarland mapping agreements;
2. Kern Multi-Agency Aerial Imagery Project 2020;
3. Shared Kern County imagery server;
4. Archive historical imagery for Kern County.
5. Wonderful Ranch 3710 Study.
6. Amazon and Landings Study.
7. Malibu Ranch Study

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

Task #	Task	Completion Date	% of Effort
1	Kern COG participate in and provide input on local, statewide and federal GIS coordination. Coordinate the Kern Geographic Information Network (Kern GEONET).	June 30	20%
2	Kern COG coordinate with local emergency response agencies and public transportation providers for transportation security. Assist in identifying natural hazard and security mapping.	June 30	20%
3	Kern COG develop and support mapping agreements with member agencies, this is billed to the jurisdiction through the agreement.	June 30	20%
4	Kern COG generate maps in response to community/public requests, this is land use data mapping used in the SCS as an input for modeling.	June 30	20%
5	Provide oversight and coordinate partnership activity for multi-agency imagery. Distribute current and historical aerial imagery.	June 30	20%

**End Products (Schedule)**

1. Participate in local and State GIS coordination (June 2022)
2. Participate in Kern Multi-jurisdiction Hazard Mitigation Plan (June 2022)
3. Develop member agency mapping service agreements (June 2022)
4. Member agency and community mapping requests (June 2022)

5. Coordinate distribution of 2020 and older aerial imagery to member agencies and other interested parties (June 2022)

## Revenue Budget

AGENCY	FHWA				FTA					TOTAL	TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local		PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$68,419				\$72,666					\$141,085	\$7,848	\$0	\$8,335	\$0
Consultant										\$0	\$0	\$0	\$0	\$0
Total	\$68,419	\$0	\$0	\$0	\$72,666	\$0	\$0	\$0	\$0	\$141,085	\$7,848	\$0	\$8,335	\$0

## Funding by Task

SOURCE	TASKS					TOTAL
	1	2	3	4	5	
FHWA PL	13,684	13,684	13,684	13,684	13,684	\$ 68,419
FTA 5303	14,533	14,533	14,533	14,533	14,533	\$ 72,666
TOTAL	\$ 28,217	\$ 28,217	\$ 28,217	\$ 28,217	\$ 28,217	\$ 141,085

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element # 203.1A – 2021/2022 SUSTAINABLE COMMUNITIES PUBLIC PARTICIPATION**

**Purpose & Goal**

The goal of this program is to fulfill the requirements of the SB 375 Regional Transportation Plan Sustainable Communities Strategy (RTP/SCS), as well as the 2017 Regional Transportation Guidelines for consultation and coordination by all interested parties. This program contributes to Caltrans' mission and overarching objectives for SB 1 formula grant resources: sustainability, preservation, mobility, safety, innovation, economy, health and social equity. It also contributes to Sustainable Communities Grant Specific Objectives: to encourage local and regional multimodal transportation and land use planning that furthers the region's RTP/SCS, contributes to the State's GHG reduction targets and other State goals. This Work Element uses 2021/22 SB 1 formula grant funding.

**Previous Work**

1. 2014 and 2018 Regional Transportation Plan/Sustainable Communities Strategies.
2. Public Information Policies and Procedures Update for 2022 Regional Transportation Plan – March 2019.

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

Task #	Task	Completion Date	% of Effort
1	Kern COG design public outreach content and timing, ensure that the planning process successfully integrates environmental justice into decision making, produce public outreach reports and data analysis for the RTP/SCS.	June 30	40%
2	Kern COG identify transportation needs of target populations, including disadvantaged communities and Environmental Justice communities; Quantitatively assess benefits and burdens of transportation plans.	June 30	15%
3	Kern COG continue government to government relationship with the Tejon Tribe and other tribal communities for the RTP/SCS process.	June 30	15%
4	Using a subscription service, Kern COG design and develop at least two online surveys for development of the RTP/SCS (Fall and Spring)		15%
5	Kern COG provide planning support to member agencies in development of grants and applications.	During Fiscal Year	15%

**End Products (Schedule)**

1. FY21-22 Schedule SCS outreach events & provide event summaries (June 2022)
2. FY21-22 Online Surveys – 2 per year (Fall 2021, Spring 2022)

3. FY21-22 SCS outreach meetings for target populations to ensure transportation planning efforts with disadvantaged communities and Environmental Justice communities. (As needed and/or requested)
4. FY21-22 SCS planning support in development of grants and applications. (June 2022)

### Revenue Budget

AGENCY	Formula Funds		TOTAL
	FY 21-22 SB-1	Local	
Kern COG	\$36,951	\$4,787	\$41,738
Consultant	\$35,000	\$4,535	\$39,535
Non-match	\$0	\$98	\$98
Total	\$71,951	\$9,420	\$81,371

### Funding by Task

SOURCE	TASKS					TOTAL
	1	2	3	4	5	
SB-1 21-22	28,780	10,793	10,793	10,793	10,793	\$ 71,951
Local	3,768	1,413	1,413	1,413	1,413	\$ 9,420
TOTAL	\$ 32,548	\$ 12,206	\$ 12,206	\$ 12,206	\$ 12,206	\$ 81,371

**Kern Council of Governments  
OVERALL WORK PROGRAM – FY 2021/2022  
Work Element # 203.2A – 2021/2022 SUSTAINABLE COMMUNITIES  
PERFORMANCE MEASURES**

**Purpose & Goal**

The goal of this program is to fulfill the requirements of the SB 375 Regional Transportation Plan Sustainable Communities Strategy (RTP/SCS), as well as the Regional Transportation Guidelines for performance measure monitoring. Kern COG was cited in the State 2010 Guidelines as a Best Practice for a Small/Medium/Rural MPO. This program contributes to Caltrans' mission and overarching objectives for SB 1 formula grant resources: sustainability, preservation, mobility, safety, innovation, economy, health and social equity. It also contributes to Sustainable Communities Grant Specific Objectives: to encourage local and regional multimodal transportation and land use planning that furthers the region's RTP/SCS, contributes to the State's GHG reduction targets and other State goals. This Work Element uses 2021-22 SB 1 formula grant funding.

**Previous Work**

1. 2014 and 2018 Regional Transportation Plan/Sustainable Communities Strategies Integrated Performance Measure Analysis

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

<b>Task #</b>	<b>Task</b>	<b>Completion Date</b>	<b>% of Effort</b>
1	SCS Performance Measure Analysis Program – for environmental justice and all communities in support of SCS development. SCS system level integrated performance measure analysis (see also 601.4). (Responsible Party: Kern COG).	June 30	30%
2	SCS update of disadvantaged communities mapping as needed using Planning and Environmental Linkages (PEL) U.S. EPA EJScreen Tool. SCS disadvantaged communities/environmental justice performance measure analysis. (Responsible Party: Kern COG).	June 30	15%
3	SCS smart mobility framework performance measure analysis; SCS health equity performance measure analysis. (Responsible Party: Kern COG).	June 30	15%
4	SCS public outreach scenario comparison performance measures. (Responsible Party: Kern COG).	June 30	15%
5	Project level performance measures to support the transportation improvement program and grant applications. (Responsible Party: Kern COG).	During Fiscal Year	15%
6	Research on developing and monitoring health performance and other emerging measures in coordination with stakeholders. Include established Environmental Justice and Business and Industry Roundtable Stakeholder groups in development of performance measures. (Responsible Party: Kern COG).	June 30	10%

**End Products (Schedule)**

1. FY21-22 SCS performance status and modeling report (bi-annual)
2. FY21-22 SCS development and modeling for disadvantaged communities for the SCS environmental justice performance report (on a four-year cycle)
3. FY21-22 SCS roundtable stakeholder meeting(s) report (on a four-year cycle)
4. FY21-22 Draft SCS integrated performance measures analysis (on a four-year cycle)
5. FY22-23 Final SCS integrated performance measures analysis (on a four-year cycle)

**Revenue Budget**

AGENCY	Formula Funds		TOTAL
	FY 21-22 SB-1	Local	
Kern COG	\$ 51,982	\$ 6,735	\$ 58,717
Consultant	\$ -	\$ -	\$ -
Total	\$ 51,982	\$ 6,735	\$ 58,717

**Funding by Task**

0	1	2	3	4	5	6	TOTAL
TASKS							
SB-1 21-22	15,595	7,797	7,797	7,797	7,797	5,198	\$ 51,982
Local	2,021	1,010	1,010	1,010	1,010	674	\$ 6,735
TOTAL	\$ 17,615	\$ 8,808	\$ 8,808	\$ 8,808	\$ 8,808	\$ 5,872	\$ 58,717

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element # 203.3A – 2021/2022 SUSTAINABLE COMMUNITIES MOBILITY**  
**INNOVATIONS AND INCENTIVES PLANNING**

**Purpose & Goal**

The goal of this program is to fulfill the requirements of the SB 375 Regional Transportation Plan Sustainable Communities Strategy (RTP/SCS) to support SCS development by identifying advanced transportation technology projects to reduce greenhouse gas emissions in all communities, and specifically in Cal Enviro screen-identified disadvantaged communities, especially racial minority and low-income communities (see also WE 603.3). This program contributes to Caltrans' mission and overarching objectives for SB 1 formula grant resources: sustainability, preservation, mobility, safety, innovation, economy, health and social equity. This program contributes to Sustainable Communities Grant-Specific Objectives: (a) to encourage local and regional multimodal transportation and land use planning that furthers the region's RTP/SCS and (b) contributes to the State's GHG reduction targets and other State goals. This Work Element uses 2021-22 SB 1 formula grant funding.

**Previous Work**

1. 2014 and 2018 Regional Transportation Plan/Sustainable Communities Strategies;
2. 2019 Kern Electric Vehicle Charging Station Blueprint (WE 603.4);
3. 2018-2020 Kern COG TRANSITions Transit Symposium;
4. 2016-2019 National Drive Electric Week Events and Media Campaigns;
5. Kern Electric Charging Space Inventory (2016 Baseline);
6. 2019 Kern Electric Vehicle Charging Station Blueprint;
7. 2021 TRANSITions Webinar Series

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

Task #	Task	Completion Date	% of Effort
1	SCS Mobility Innovations Program-to support SCS development by identifying advanced transportation technology projects to reduce greenhouse gas emissions in all communities, and specifically in CalEnviroScreen-identified disadvantaged communities (DACs), especially racial minority and low-income communities (see also WE 603.3).	June 30	10%
2	Host or sponsor public workshops on mobility innovations, funding resources or technician trainings. (Kern COG, Stakeholder Groups).	June 30	11%
3	Meet with member agencies and other public agencies to determine interest in shared mobility options, alternative fuel vehicles and fueling or charging infrastructure, and FAST Alternative Fuel Corridor designations to better tailor outreach, awareness and education efforts to meet local needs. (COG, Stakeholder Groups).	June 30	7%

4	Attend conferences and events such as the Advanced Clean Transportation Expo, the NorCal Clean Tech Forum, or the CARB clean transit symposium to gain knowledge of current technologies and funding, to share local and regional success stories, and to encourage investment in Kern County (Kern COG).	June 30	10%
5	Monitor and track charging station and alternative fuel infrastructure development to document 2019 Kern EV Charging Station Blueprint progress. (Kern COG, Stakeholder groups).	May 30	5%
6	Respond to inquiries related to mobility innovations, alternative fuel vehicles and infrastructure. (COG).	June 30	10%
7	Coordinate, host, sponsor and participate in local educational activities such as National Drive Electric Week, Clean Air Month, Alternative Fuel Vehicles Workshops, community and other promotional events.	June 30	35%
8	Partner with local agencies as appropriate, attend meetings (including AB 617 Community Steering Committees), and serve on committees with consideration for DACs. (COG, Stakeholder groups).	June 30	7%
9	Promote mobility innovations, alternative fuel vehicles and infrastructure activities and events through media releases, paid public awareness campaigns and public outreach. (COG).	June 30	5%

### End Products (Schedule)

1. FY21-22 Electric vehicle public awareness campaign (2<sup>nd</sup> or 3<sup>rd</sup> quarter, annual).
2. FY21-22 Electric Vehicle Charging Spaces in Kern County by Zip Code Report (2<sup>nd</sup> and 4<sup>th</sup> quarter, bi-annual)
3. TRANSITIONS Transit Symposium and/or Webinar Series materials including invitations, agendas, participation (3<sup>rd</sup> quarter, annual)
4. Three public electric vehicle events or training workshops (1<sup>st</sup>, 3<sup>rd</sup>, 4<sup>th</sup> quarters)
5. One public Trucking with Clean Fuels event. (Nov 2021)
6. Conference, meeting, or workshop participation (Oct 2021/May 2022)

### Revenue Budget

AGENCY	Formula Funds		TOTAL
	FY 21-22 SB-1	Local	
Kern COG	\$ 147,056	\$ 19,053	\$ 166,109
Consultant	\$ -	\$ -	\$ -
Total	\$ 147,056	\$ 19,053	\$ 166,109

### Funding by Task

SOURCE	1	2	3	4	5	6	7	8	9	TOTAL
SB-1 21-22	14,706	16,176	10,294	14,706	7,353	14,706	51,470	10,294	7,353	\$ 147,056
Local	1,905	2,096	1,334	1,905	953	1,905	6,668	1,334	953	\$ 19,053
TOTAL	\$ 16,611	\$ 18,272	\$ 11,628	\$ 16,611	\$ 8,305	\$ 16,611	\$ 58,138	\$ 11,628	\$ 8,305	\$ 166,109

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element # 203.4A – 2021/2022 SUSTAINABLE COMMUNITIES STRATEGY**  
**FORECAST AND TRAVEL MODEL ACTIVITY PROGRAM**

**Purpose & Goal**

The goal of this program is to fulfill the requirements of the SB 375 Regional Transportation Plan Sustainable Communities Strategy (RTP/SCS), as well as the 2017 Regional Transportation Guidelines for consultation and coordination by all interested parties. This program contributes to Caltrans' mission and overarching objectives for SB 1 formula grant resources: sustainability, preservation, mobility, safety, innovation, economy, health and social equity. It also contributes to Sustainable Communities Grant Specific Objectives: to encourage local and regional multimodal transportation and land use planning that furthers the region's RTP/SCS, contributes to the State's GHG reduction targets and other State goals. This program, similar to work elements 604.2 & 604.3 will focus on SCS Socio-economic, Land Use, and Travel Model Forecasting Activity – for environmental justice and all communities in support of SCS development. This Work Element uses 2020-21 SB 1 formula grant funding.

**Previous Work**

1. 2014 and 2018 Regional Transportation Plan/Sustainable Communities Strategy
2. Regional Growth Forecasting
3. Travel Model Forecasting

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

Task #	Task	Completion Date	% of Effort
1	Increase number of TAZs as needed. Calculate a build-out analysis of all general plans in Kern County by TAZ. (Responsible Party: Kern COG).	June 30	5%
2	Revise school enrollment forecast, income forecast, group quarters forecast, household and household-size forecasts and map data forecasts for visual verification. (Responsible Party: Kern COG).	June 30	10%
3	Coordinate modeling assumptions through Regional Transportation Modeling Committee/Regional Planning Advisory Committee. (Responsible Party: Kern COG).	June 30	5%
4	Refine UPLAN land-use model for distribution of regional growth forecast. (Responsible Party: Kern COG).	June 30	15%
5	Provide modeling/support for regional transportation decision-making, air quality conformity modeling and local projects and programs.	June 30	25%
6	Conduct environmental justice analysis of the short-range program and long-range plans to evaluate and determine transportation impacts. (Responsible Party: Kern COG).	June 30	20%
7	Develop initial modeling methodology to meet SB 375 requirements. (Responsible Party: Kern COG).	June 30	5%

8	Participate in San Joaquin Valley Model Improvement Program. (Responsible Party: Kern COG).	June 30	5%
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 (Responsible Party: Kern COG).	June 30	5%
10	Identify short- and long-range strategies and actions to meet projected demands (Responsible Party: Kern COG).	June 30	5%

### End Products (Schedule)

1. FY21-22 SCS status and modeling report (twice a year)
2. FY21-22 Draft SCS initial model methodology submittal (on a four-year cycle)
3. FY21-22 Final SCS initial model methodology report (on a four-year cycle)
4. FY21-22 Draft SCS land-use model forecast report (on a four-year cycle)
5. FY21-22 Final SCS land-use model forecast report (on a four-year cycle)
6. FY21-22 SCS development and modeling for disadvantaged communities and all other communities for the SCS environmental justice performance report (on a four-year cycle)

### Revenue Budget

AGENCY	Formula Funds		TOTAL
	FY 21-22 SB-1	Local	
Kern COG	\$ 114,098	\$ 14,783	\$ 128,881
Consultant	\$ -	\$ -	\$ -
Total	\$ 114,098	\$ 14,783	\$ 128,881

### Funding by Task

SOURCE	1	2	3	4	5	6	7	8	9	10	TOTAL
SB-1 21-22	5,705	11,410	5,705	17,115	28,525	22,820	5,705	5,705	5,705	5,705	\$ 114,098
Local	739	1,478	739	2,217	3,696	2,957	739	739	739	739	\$ 14,783
TOTAL	\$ 6,444	\$ 12,888	\$ 6,444	\$ 19,332	\$ 32,220	\$ 25,776	\$ 6,444	\$ 6,444	\$ 6,444	\$ 6,444	\$ 128,881

**Kern Council of Governments  
OVERALL WORK PROGRAM – FY 2021/2022  
Work Element # 203.5 - Regional Housing Need Allocation Plan/Regional  
Early Action Planning Grant Program**

**Purpose & Goal**

An update of the Kern Regional Housing Needs Allocation (RHNA) Plan to estimate and allocate regional housing needs in Kern County. Regional Early Action Planning (REAP) Program reflects the state's commitment to work in partnership with regional entities and local governments to address California's critical housing needs. REAP was established in the 2019-20 Budget Act to accelerate housing production and facilitate compliance to implement the sixth cycle of the regional housing needs assessment. Maintain an active planning program to reduce transportation emissions and improve regional air quality through transportation system management.

**Previous Work**

1. Regional Housing Needs Allocation Plan (2013-2023).
2. Prepared Regional Housing Needs Assessment including Kern Regional Housing Data Report (2014)
3. Track and provide comments on regulatory changes (SB375 – 2008; AB32 – 2006; SB150 – 2017; SB 2 – 2017; AB101 – 2019).
4. Assist member agencies with update of general plan housing elements (2016).

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

Task #	Task	Completion Date	% of Effort
1	Consultation with HCD regarding sixth cycle RHNA	June 30	3%
2	Update Regional Planning Advisory Committee and Transportation Planning and Policy Committee about the sixth cycle RHNA	June 30	4%
3	Gather data and conduct analysis for factors relating to RHNA	June 30	2%
4	Develop and administer a survey for member agencies regarding sixth cycle RHNA	June 30	3%
5	Develop sixth cycle RHNA methodology	June 30	3%
6	Visualizations for member agencies, transit centers, and transit-oriented development (TOD)	June 30	2%
7	Provide support to Kern members of the San Joaquin Valley Multi Agency Working Group to allocate the regional funds under the REAP Grant	June 30	70%
8	Develop a Kern Regional Housing Data Report to incorporate into the RHNA Plan	June 30	4%
9	Develop the RHNA Plan	June 30	9%

**End Products (Schedule)**

1. Summary Report on findings from the survey regarding sixth cycle RHNA.

2. Development of RHNA methodology and RHNA Plan (Consultant) (June 2022) (\$90,000).
3. Consulting services for housing related modeling (\$15,000)

## Revenue Budget

AGENCY	FHWA				FTA				TOTAL	
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	FY 20-21 SB-1	HCD	Local	
Kern COG								\$99,316		\$99,316
Consultant								\$823,339		\$823,339
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$922,655	\$0	\$922,655

## Funding by Task

SOURCE	TASKS									TOTAL
	1	2	3	4	5	6	7	8	9	
HCD	27,680	36,906	18,453	27,680	27,680	18,453	645,859	36,906	83,039	\$ 922,655
Local	-	-	-	-	-	-	-	-	-	\$ -
TOTAL	\$ 27,680	\$ 36,906	\$ 18,453	\$ 27,680	\$ 27,680	\$ 18,453	\$ 645,859	\$ 36,906	\$ 83,039	\$ 922,655

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element # 203.6: SJV HOUSEHOLD TRAVEL SURVEY**

**Purpose & Goal**

The San Joaquin Valley Household Travel Survey will collect data for the eight counties in the San Joaquin Valley, including household demographic information, travel patterns, and trip-making characteristics. The data will be used in estimation, calibration, and validation of the travel demand models owned by the eight Valley MPOs. These models are a critical tool for planning activities at local, regional, state, and federal levels, such as RTP/SCS development, conformity, transportation corridor studies, environmental justice analysis, SB 743 VMT analysis under CEQA, impact fee nexus studies, and transit service planning.

**Previous Work**

1. None.

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

Task #	Task	Completion Date	% of Effort
1	In consultation with Caltrans District 6 & 9 and the California Housing and Community Development (HCD) develop questions related to housing for the survey. (Responsible Party: SJV MPOs.)	Fall 2021	25%
2	Finalize/issue survey instrument, create report. (Responsible Party: Consultant)	June 30	75%

**End Products (Schedule)**

1. Completed Household Travel Survey for use with 2026 Regional Transportation Planning.

**Revenue Budget**

AGENCY	FHWA				FTA		FY 20-21 SB-1	HCD	TOTAL		TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover			Local		PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG										\$0	\$0		\$0	
Consultant									\$152,342	\$152,342				
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$152,342	\$152,342	\$0	\$0	\$0	\$0

**Funding by Task**

SOURCE	TASKS		TOTAL
	1	2	
HCD	-	-	\$ -
Local	38,086	114,257	\$ 152,342
TOTAL	\$ 38,086	\$ 114,257	\$ 152,342

### **300 ECONOMIC DEVELOPMENT**

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

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

No projects are programmed in FY 2021-2022.

## **400 HEALTH**

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Kern COG is concerned about any adverse effects its policies and programs might have on community health and related issues. All activities are carefully reviewed for potential impacts on community health. In addition, Kern COG attempts to take advantage of all opportunities to improve and protect public health through its environmental and other projects (please see Work Element 601.4).

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

No projects are programmed in FY 2021-2022.

## **500 SAFETY AND JUSTICE**

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

Kern COG is responsible for ensuring that land use policies in the vicinity of public use airports protect public safety. The area-wide housing plan is intended to promote policies that encourage the provision of a safe and pleasant community environmental 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 2021-2022.

## **600 INTERMODAL TRANSPORTATION PLANNING**

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

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

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**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 several Federal Planning Factors, Core Planning Functions including the Regional Transportation Plan, Federal Transportation Improvement Program, air quality conformity, Performance Management and State of Good Repair.

**Previous Work**

1. Contract between Impact Sciences and Kern COG for 2022 RTP/SCS Program Environmental Impact Report (PEIR) (2021)
2. Request for Proposal for the 2022 RTP/SCS Program Environmental Impact Report (PEIR) (2020)
3. 2014, 2018 RTPs, SCSs, CMPs, supportive studies (freight, transit, complete streets, etc.), and inclusive of programmatic environmental documents;
4. 2014, 2016, 2018 Regional Transportation Improvement Programs;
5. 2015, 2017, 2019 and Federal Transportation Improvement Program, amendments, and Conformity Analysis;
6. 2014, 2018, 2020 Federal approval of the Federal Transportation Improvement Program, RTP and related Conformity Analysis and amendments; and
7. 2015, 2020, California Air Resources Board acceptance of the SCS.

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

Task #	Task	Completion Date	% of Effort
1	Continue the four-year cycle update process for the RTP/SCS, including: revised modeling, revenue projections, Capital Improvement Program (CIP) list development, mapping, visualizations and element updates (Responsible Party: Kern COG).	June 30	10%
2	2022 RTP/SCS Program Environmental Impact Report (PEIR) (Responsible Party: Consultant, Kern COG).	June 30	55%
3	Review and revise conformity analysis, as necessary and re-adopt resolution documenting air quality conformity (Responsible Party: Kern COG).	June 30	2%
4	Review RTP guidelines and updates to maintain compliance with state and federal mandates, goals, policies and implementing actions of the RTP (Responsible Party: Kern COG).	March 31	2%

5	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 (Responsibility Party: Kern COG);	December 30	10%
6	Identify short- and long-range strategies and actions to meet projected demands; When updating the RTP, include Freight Movement analyses findings, as well as ITS studies (Responsible Party: Kern COG);	December 30	10%
7	Evaluate the federal congestion management process for consistency with the Regional Transportation Plan (Responsible Party: Kern COG);	December 30.	4%
8	Coordinate the system planning process with Caltrans Districts 6 and 9; Coordinate with member agencies to implement the currently adopted Regional Transportation Plan (Responsible Party: Kern COG);	June 30	2%
9	Determine a means to address federal surface transportation funding requirements for ground access improvements (Responsible Party: Kern COG);	June 30	2%
10	As necessary, revise, amend and update the 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 two local air districts (Responsible Party: Kern COG).	June 30	3%

### End Products (Schedule)

1. Modeling runs in support of RTP Development; Revenue Projections; Draft; Capital Improvement Program and mapping; (June 2022)
2. Capital Improvement Program; (June 2022)
3. Conformity analysis; and (June 2022)
4. Finalize 2022 RTP/SCS with Appendices. (June 2022)

### Revenue Budget

AGENCY					FTA				TOTAL		TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local		PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$64,975				\$82,558				\$97,715	\$245,248	\$7,453	\$0	\$9,469	\$0
Consultant	\$50,000							\$123,000	\$0	\$173,000	\$5,735	\$0	\$0	\$0
Total	\$114,975	\$0	\$0	\$0	\$82,558	\$0	\$0	\$123,000	\$97,715	\$418,248	\$13,188	\$0	\$9,469	\$0

### Funding by Task

SOURCE	TASKS										TOTAL
	1	2	3	4	5	6	7	8	9	10	
FHWA PL	11,498	63,236	2,300	2,300	11,498	11,498	4,599	2,300	2,300	3,449	\$ 114,975
FTA 5303	8,256	45,407	1,651	1,651	8,256	8,256	3,302	1,651	1,651	2,477	\$ 82,558
STIP PPM	12,300	67,650	2,460	2,460	12,300	12,300	4,920	2,460	2,460	3,690	\$ 123,000
Local	9,772	53,743	1,954	1,954	9,772	9,772	3,909	1,954	1,954	2,931	\$ 97,715
TOTAL	\$ 41,825	\$ 230,036	\$ 8,365	\$ 8,365	\$ 41,825	\$ 41,825	\$ 16,730	\$ 8,365	\$ 8,365	\$ 12,547	\$ 418,248



**Kern Council of Governments  
OVERALL WORK PROGRAM – FY 2021/2022  
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 several Federal Planning Factors, Core Planning Functions including the Regional Transportation Plan, Federal Transportation Improvement Program, Performance Management and State of Good Repair.

**Previous Work**

1. 2018 and 2022 RTPs, inclusive of program environmental impact reports;
2. 2019 and 2021 Federal Transportation Improvement Programs;
3. Congestion Management Program as updated;
4. Develop financial nexus for future corridor and subarea studies, such as the Bakersfield System Study and high-speed rail analysis;
5. Kern Data publications; and
6. Other Kern COG planning studies.

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

Task #	Task	Completion Date	% of Effort
1	Prepare Draft 2022 RTP Capital Improvement Program updates based on updated lists of transportation projects for further document development and modeling. (Responsible Party: Kern COG).	June 30	50%
2	Update the financial element narrative and CIP analysis to support transportation demand management and transportation control measures. (Responsible Party: Kern COG).	June 30	10%
3	Coordinate transportation demand management actions and transportation control measures to meet needs of major capital improvements. (Responsible Party: Kern COG).	June 30	10%
4	Update funding strategies and actions to meet projected financial demand and shortfall. (Responsible Party: Kern COG).	June 30	10%
5	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. (Responsible Party: Kern COG).	June 30	10%
6	Develop data for available transportation funding options with private sector participation. (Responsible Party: Kern COG).	June 30	10%

## End Products (Schedule)

1. Financial element/Capital Improvement Program amendments as necessary to maintain compatibility with other elements of the 2018 RTP. (June 2022)
2. Update financial element / Capital Improvement Program for Draft 2022 RTP (June 2022)

## Revenue Budget

AGENCY FHWA					FTA				TOTAL		TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local		PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$58,937								\$17,575	\$76,512	\$6,760	\$0	\$0	\$0
Consultant										\$0	\$0	\$0	\$0	\$0
Total	\$58,937	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,575	\$76,512	\$6,760	\$0	\$0	\$0

## Funding by Task

SOURCE	TASKS						TOTAL
	1	2	3	4	5	6	
FHWA PL	29,469	5,894	5,894	5,894	5,894	5,894	\$ 58,937
Local	8,788	1,758	1,758	1,758	1,758	1,758	\$ 17,575
TOTAL	\$ 38,256	\$ 7,651	\$ 7,651	\$ 7,651	\$ 7,651	\$ 7,651	\$ 76,512

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element # 601.3 –REGIONAL TRANSPORTATION COMMUNITY**  
**SURVEY & OUTREACH**

**Purpose & Goal**

To gain public input on the Regional Transportation Plan/Sustainable Community Strategy (RTP/SCS) process and integrate U.S. Department of Transportation Environmental Justice regulations and Title VI requirements into Kern COG's planning processes. This Work Element uses PL and STIP PPM funds to encourage local and regional multimodal transportation and land use planning, provide education and outreach to disadvantaged communities and strive to achieve sustainability, preservation, mobility, improved health and social equity.

**Previous Work**

1. Public workshops/Community meetings;
2. Website and newspaper advertising;
3. Regional community survey 2009 through 2021;
4. 2010, 2012, 2016 Environmental Justice Task Force;
5. California Central Valley Tribal Transportation Environmental Justice Collaborative Project (FY 2008-09);
6. Tribal Notification Area Map for San Joaquin Valley (GIS map);
7. Tejon Indian Tribe designated as a member of the Regional Planning Advisory Group;
8. Continue government-to-government coordination with the Tejon Indian Tribe; and
9. Updated Public Information Policies and Procedures – May 2019.

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

Task #	Task	Completion Date	% of Effort
1	Design public outreach content and timing, ensure that the planning process successfully integrates environmental justice into decision making, produce public outreach reports and data analysis for the RTP/SCS. (Responsible Party: Kern COG).	June 30	40%
2	Identify transportation needs of target populations, including disadvantaged communities and Environmental Justice communities; Quantitatively assess benefits and burdens of transportation plans. (Responsible Party: Kern COG).	June 30	15%
3	Continue government to government relationship with the Tejon Tribe and other tribal communities for the RTP/SCS process. (Responsible Party: Kern COG).	June 30	15%
4	Continue government to government relationship with the Tejon Tribe with the goal of developing an agreement with policies and procedures that outline roles, responsibilities and key decision points. (Responsible Party: Kern COG).	June 30	15%

5	Prepare and conduct the annual quality of life community survey. (Responsible Party: Consultant).	Spring 2022	15%
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### End Products (Schedule)

1. Outreach at Community Events (July 2021 – June 2022).
2. Newspaper advertising (July 2021 – June 2022).
3. Public workshops and community meetings (July 2021 – June 2022).
4. Regional community survey (Consultant) (March/April 2022) (\$75,000 – STIP PPM).
5. GIS maps of minority and low-income populations (June 2022).
6. Integrate U.S. Department of Transportation Environmental Justice regulations into the Regional Transportation Plan process (June 2022).
7. Monitor Integrated Performance Measures Analysis from 2018 Regional Transportation Plan (June 2022).
8. Revise environmental justice modeling metro and non-metro TAZs and job centers TAZs (June 2022).

### Revenue Budget

AGENCY		FHWA		TOTAL		TOLL CREDITS NOT REVENUE	
	PL	PL carryover	STIP PPM	Local		PL	PL carryover
Kern COG	\$16,180			\$49,469	\$65,649	\$1,856	\$0
Consultant			\$75,000		\$75,000		
Total	\$16,180	\$0	\$75,000	\$49,469	\$140,649	\$1,856	\$0

### Funding by Task

SOURCE	TASKS					TOTAL
	1	2	3	4	5	
FHWA PL	6,472	2,427	2,427	2,427	2,427	\$ 16,180
STIP PPM	30,000	11,250	11,250	11,250	11,250	\$ 75,000
Local	19,788	7,420	7,420	7,420	7,420	\$ 49,469
TOTAL	\$ 56,260	\$ 21,097	\$ 21,097	\$ 21,097	\$ 21,097	\$ 140,649

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element # 601.4 – FEDERAL PERFORMANCE MEASURES DATA AND ANALYSIS**

**Purpose & Goal\***

Establish and monitor a variety of highway safety, bridge, pavement and overall system performance measures within the transportation planning process. Provides for data gathering and analysis to promote a safe, sustainable, integrated and efficient transportation system to enhance the region's economy, health and livability.

\*Meets several Federal Planning Factors, Core Planning Functions including the Regional Transportation Plan, and Performance Management.

**Previous Work**

1. 2018 - 2020 Federal MPO/State Safety Performance Measure (PM 1);
2. 2018 Federal MPO/State Pavement & Bridge Performance Measure (PM2);
3. 2018 Federal MPO/State Travel Time Reliability Performance Measure (PM3);
4. Completion of PM 1-3 targets;
5. Participated in PM1-3 Webinars and Trainings;
6. 2014 and 2018 Environmental Justice Measures Analysis;
7. 2021 Project Delivery Policies and Procedures; and
8. Developed Health Equity Performance Measures.

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

Task #	Task	Completion Date	% of Effort
1	PM 1 – Consider and adopt two measures to assess motorized fatalities: (1) Number of fatalities; (2) Rate of fatalities. (Responsible Party: Kern COG).	February	10%
2	PM 1 – Consider and adopt two measures to assess motorized serious injuries: (1) Number of serious injuries; (2) Rate of serious injuries. (Responsible Party: Kern COG).	February	15%
3	PM 1 – Consider and adopt one measure for non-motorized safety performance: (1) Number of non-motorized fatalities and non-motorized serious injuries. <b>Note:</b> Pedestrian and non-motorized fatalities and sever injuries are combined as requested by Caltrans MAP-21 Safety Performance Management (PM 1) Team in accordance with FHWA. (Responsible Party: Kern COG).	February	5%
4	Create Safety Plans for 9 participating cities with consultant	April	5%
5	PM 2 – Consider and adopt two measures for Interstate system pavement condition: (1) Percentage of pavements on the Interstate System in Good condition; (2) Percentage of pavements on the Interstate system in Poor condition. (Responsible Party: Kern COG).	November	5%
6	PM 2 – Consider and adopt two measures for National Highway System (NHS) pavement condition: (1) Percentage	November	5%

	of pavements on the NHS (excluding the Interstate System) in good condition; (2) Percentage of pavements on the NHS (excluding the Interstate System) in Poor condition. (Responsible Party: Kern COG).		
7	PM 2 – Consider and adopt two measures of bridge condition: (1) Percentage of NHS bridges in Good condition; (2) Percentage of NHS bridges in Poor condition. (Responsible Party: Kern COG).	November	5%
8	PM 3 – Consider and adopt four system-wide measures: (1) Percentage of reliable person-miles traveled on the Interstate; (2) Percentage of reliable person-miles traveled on the non-Interstate NHS; (3) Percent change in CO2 emissions from 2017, generated by on-road mobile sources on the NHS; (4) A measure evaluating truck travel time reliability on the Interstate system (average truck reliability index). (Responsible Party: Kern COG).	November	5%
9	PM 3 – Consider and adopt three measures to assess the federal Congestion Mitigation Air Quality program: (1) Total emission reductions for applicable criteria pollutants, for non-attainment and maintenance areas. (Responsible Party: Kern COG).	November	5%
10	PM 3 – Consider and adopt two measures to assess traffic congestion: (1) Annual hours of peak hour excessive delay per capita; (2) Modal share; specifically, the percent of non-single occupancy vehicle travel, including travel avoided by telecommuting. (Responsible Party: Kern COG).	November	5%
11	Update disadvantaged communities mapping as needed. (Responsible Party: Kern COG).	June 30	5%
12	Implement a Federal Transit Administration (FTA) Transit Asset Management Plan and Performance Measures (rolling stock, equipment, facilities, infrastructure; and Caltrans transit “State of Good Repair” countywide reporting program). (Responsible Party: Kern COG).	June 30	5%
13	System level integrated performance measures for Environmental Justice, Title VI, and smart mobility framework. (Responsible Party: Kern COG).	June 30	15%
14	Project Level Performance measures to support the transportation improvement program and grant applications. (Responsible Party: Kern COG).	June 30	5%
15	Continue developing and monitoring health performance measures in coordination with health advocates. (Responsible Party: Kern COG).	June 30	5%

### End Products (Schedule)

1. MPO PM 1 Targets (annually) (February 2022)
2. MPO PM 2-3 Targets (every-other-year) (November 2021)
3. MPO PM Online Report (annually) (November 2021)
4. Create Safety Plans for 9 cities (April 2022)

## Revenue Budget

AGENCY					FHWA		FTA				TOTAL		TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	FY 18-19 SB-1	HSP Grant	Local		PL	PL carryover	Sec. 5303	Sec. 5303 carryover		
Kern COG	\$19,909								\$25,088	\$44,997	\$2,284	\$0	\$0	\$0		\$0
Consultant								\$428,000	\$47,556	\$475,556	\$0	\$0	\$0	\$0		\$0
Total	\$19,909	\$0	\$0	\$0	\$0	\$0	\$0	\$428,000	\$72,644	\$520,553	\$2,284	\$0	\$0	\$0		\$0

## Funding by Task

SOURCE	TASKS															TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
FHWA PL	1,991	2,986	995	995	995	995	995	995	995	995	995	995	2,986	995	995	\$ 19,909
HSP	42,800	64,200	21,400	21,400	21,400	21,400	21,400	21,400	21,400	21,400	21,400	21,400	64,200	21,400	21,400	\$ 428,000
Local	7,264	10,897	3,632	3,632	3,632	3,632	3,632	3,632	3,632	3,632	3,632	3,632	10,897	3,632	3,632	\$ 72,644
TOTAL	\$ 52,055	\$ 78,083	\$ 26,028	\$ 26,028	\$ 26,028	\$ 26,028	\$ 26,028	\$ 26,028	\$ 26,028	\$ 26,028	\$ 26,028	\$ 26,028	\$ 78,083	\$ 26,028	\$ 26,028	\$ 520,553

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**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 Core Planning Functions including Regional Transportation Plan, Federal Transportation Improvement Program and Congestion Management Process, air quality, Performance Management and State of Good Repair.

**Previous Work**

1. 2018 and 2022 Regional Transportation Plan and amendments;
2. 2019 and 2021 Regional/Federal Transportation Improvement Program;
3. Amendments to the 2021 Federal Transportation Improvement Program;
4. Develop and submit 2022 Regional Transportation Improvement Program;
5. Develop 2021 Federal Transportation Improvement Program; and
6. California Transportation Improvement Program System (CTIPS).

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

<b>Task #</b>	<b>Task</b>	<b>Completion Date</b>	<b>% of Effort</b>
1	Develop and manage the Federal Transportation Improvement Program. (Responsible Party: Kern COG).	June 30	25%
2	Develop and manage the Regional Transportation Improvement Program. (Responsible Party: Kern COG).	December 15	15%
3	Conduct outreach meetings and workshops to develop Transportation Improvement Programs and lists of capital projects. (Responsible Party: Kern COG).	June 30	5%
4	Coordinate state and federal-aid capital improvement programs including ranking and development, review and approval for project applications. (Responsible Party: Kern COG).	June 30	15%
5	Conduct conformity analysis, adopt resolution to accept conformity findings and document conformity with various air quality strategies. (Responsible Party: Kern COG).	June 30	5%
6	Monitor proposed at-grade and grade-separated rail projects. (Responsible Party: Kern COG).	June 30	5%
7	Evaluate compliance with air quality conformity, state implementation plan, NEPA and Title VI in project delivery process. (Responsible Party: Kern COG).	June 30	5%
8	Monitor California Transportation Commission and legislative proposals related to transportation financing. (Responsible Party: Kern COG).	June 30	10%

9	Continue CTIPS and participate in statewide programming coordination meetings. (Responsible Party: Kern COG).	June 30	10%
10	Update transportation improvement project selection policy as needed to include new state and federally mandated air quality and planning policies. (Responsible Party: Kern COG).	June 30	5%

### End Products (Schedule)

1. 2022 RTIP (December 2021)

### Future End Products (Schedule)

1. 2021 FTIP Amendments (December 2022)
2. 2023 FTIP (December 2022)

### Revenue Budget

FHWA					FTA				TOTAL		TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	OMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local		PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$161,739	\$34,353							\$146,912	\$343,004	\$18,551	\$3,940	\$0	\$0
Consultant										\$0	\$0	\$0	\$0	\$0
Total	\$161,739	\$34,353	\$0	\$0	\$0	\$0	\$0	\$0	\$146,912	\$343,004	\$18,551	\$3,940	\$0	\$0

### Funding by Task

SOURCE	1	2	3	4	5	6	7	8	9	10	TOTAL
FHWA PL	40,435	24,261	8,087	24,261	8,087	8,087	8,087	16,174	16,174	8,087	\$ 161,739
FHWA PL C/O	4,338	2,603	868	2,603	868	868	868	1,735	1,735	868	\$ 34,353
Local	36,728	22,037	7,346	22,037	7,346	7,346	7,346	14,691	14,691	7,346	\$ 146,912
TOTAL	\$ 81,501	\$ 48,901	\$ 16,300	\$ 48,901	\$ 16,300	\$ 16,300	\$ 16,300	\$ 32,600	\$ 32,600	\$ 16,300	\$ 343,004

**Kern Council of Governments  
OVERALL WORK PROGRAM – FY 2021/2022  
Work Element # 602.2 – PROJECT PLANNING & DEVELOPMENT ASSISTANCE  
FOR FEDERAL-AID PROJECTS**

**Purpose & Goal\***

Assist local agencies with planning and development of federal aid projects consistent with federal Title 23 requirements. Work cooperatively with Caltrans Planning, Federal Highway Administration and Federal Transit Administration to facilitate planning, development of federal aid projects to reduce duplication of effort.

\*Meets various Federal Planning Factors, Core Planning Activities including the Regional Transportation Plan and Federal Transportation Improvement Program, Performance Management and State of Good Repair.

**Previous Work**

1. 2018 and 2022 Regional Transportation Plan and amendments;
2. 2019 and 2021 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)**

Task #	Task	Completion Date	% of Effort
1	Assist local agencies and Caltrans with State Transportation Improvement Program (STIP) project planning & development and other state funded programs. (Responsible Party: Kern COG).	June 30	20%
2	Host local assistance planning & project development and other state funded programs. (Responsible Party: Kern COG).	June 30	10%
3	Monitor RIP, IIP, RSTP, CMAQ, ATP and other federal-aid projects. Monitor state funded projects, including SB 1 programs and projects. Report project development status to Caltrans, CTC and member agencies annually. (Responsible Party: Kern COG).	June 30	30%
4	Participate with Caltrans Districts 6 and 9 in state highway project planning, development, coordination and programming. (Responsible Party: Kern COG).	June 30	10%
5	Monitor Caltrans Districts 6 and 9 expenditures and project development activities to assure Kern regional projects are timely and budget constrained. (Responsible Party: Kern COG).	June 30	10%
6	Develop and submit responses to project planning & development inquiries to local agencies, Caltrans Local Assistance, Caltrans Planning, FHWA, and FTA. (Responsible Party: Kern COG).	June 30	20%

**End Products (Schedule)**

1. Project status reports (CMAQ/RSTP/ATP/TDA Article 3) to local agencies. (quarterly)
2. Progress Report for Projects of Regional Significance (quarterly)
3. Project status workshops

## Revenue Budget

AGENCY					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	\$234,502								\$23,957	\$258,459	\$26,897	\$0	\$0	\$0
Consultant										\$0	\$0	\$0	\$0	\$0
Total	\$234,502	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,957	\$258,459	\$26,897	\$0	\$0	\$0

## Revenue Budget

SOURCE	TASKS						TOTAL
	1	2	3	4	5	6	
FHWA PL	46,900	23,450	70,351	23,450	23,450	46,900	\$ 234,502
Local	4,791	2,396	7,187	2,396	2,396	4,791	\$ 23,957
TOTAL	\$ 51,692	\$ 25,846	\$ 77,538	\$ 25,846	\$ 25,846	\$ 51,692	\$ 258,459

**Kern Council of Governments  
OVERALL WORK PROGRAM – FY 2021/2022  
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 several Federal Planning Factors, Core Planning Functions including the Regional Transportation Plan, Public Participation and Education, Federal Transportation Improvement Program, Performance Management and State of Good Repair.

**Previous Work**

1. 2018 Intelligent Transportation Systems Plan for the Kern Region – annual report

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

<b>Task #</b>	<b>Task</b>	<b>Completion Date</b>	<b>% of Effort</b>
1	Participate in transportation monitoring systems for projects funded in the FTIP through project status meetings with member agencies. (Responsible Party: Kern COG).	June 30	10%
2	Provide technical assistance and transportation-related assistance to member agencies. (Responsible Party: Kern COG).	June 30	10%
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 (Responsible Party: Kern COG).	June 30	5%
4	Coordinate and cooperate with Caltrans Districts 6 and 9 in developing system planning studies (Responsible Party: Kern COG).	June 30	10%
5	Encourage and coordinate public involvement in transportation planning services at state, regional and local levels. (Responsible Party: Kern COG).	June 30	5%
6	Coordinate regional transportation planning activities with local land use agencies and local system planning studies. (Responsible Party: Kern COG).	June 30	5%
7	Monitor and coordinate the operational and physical continuity of transportation system within the region with neighboring regions. (Responsible Party: Kern COG).	June 30	5%
8	Monitor local planning activities for transportation related energy conservation measures that meet federal, state and local goals and objectives. (Responsible Party: Kern COG).	June 30	5%

9	Continue to monitor and update proposed at-grade and grade-separated rail safety projects for Kern County. (Responsible Party: Kern COG).	June 30	5%
10	Review each transportation proposal, short-range transit plan or social service requests to be included with or measured against, the Regional Transportation Plan. (Responsible Party: Kern COG).	June 30	5%
11	Monitor and review Intelligent Transportation Systems (ITS) activity at the federal, state, valley and local level. (Responsible Party: Kern COG).	June 30	35%

## End Products (Schedule)

1. Project status meeting report. (June 2022 Kern COG TPPC meeting)
2. ITS database update. (As requested and approved by the Architecture Maintenance committee)

## Revenue Budget

AGENCY FHWA					FTA				TOTAL		TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local		PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$50,192								\$1,990	\$52,182	\$5,757	\$0	\$0	\$0
Consultant										\$0	\$0	\$0	\$0	\$0
Total	\$50,192	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,990	\$52,182	\$5,757	\$0	\$0	\$0

## Funding by Task

SOURCE	1	2	3	4	5	6	7	8	9	10	11	TOTAL
FHWA PL	5,019	5,019	2,510	5,019	2,510	2,510	2,510	2,510	2,510	2,510	17,567	\$ 50,192
Local	199	199	100	199	100	100	100	100	100	100	697	\$ 1,990
TOTAL	\$ 5,218	\$ 5,218	\$ 2,609	\$ 5,218	\$ 2,609	\$ 2,609	\$ 2,609	\$ 2,609	\$ 2,609	\$ 2,609	\$ 18,264	\$ 52,182

**Kern Council of Governments  
OVERALL WORK PROGRAM – FY 2021/2022  
Work Element # 603.2 – TRAFFIC COUNT PROGRAM**

**Purpose & Goal\***

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

\*Meets several Federal Planning Functions, Core Planning Functions including the Regional Transportation Plan, Performance Management and State of Good Repair.

**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.
17. Developed a regional traffic count program that includes counts in both incorporated and unincorporated disadvantaged communities.

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

Task #	Task	Completion Date	% of Effort
1	Participate in the Highway Performance Monitoring system (HPMS) Program, including traffic counts on designated segments. Coordinate HPMS information into the Kern GeoNet system. (Responsible Party: Kern COG).	June 30	5%
2	Oversee a Regional Traffic Count Program. (Responsible Party: Consultant).	June 30	30%
3	Hold bi-monthly Kern Regional Transportation Modeling Committee meetings.	Bi-monthly	10%

4	Oversee Regional Traffic Count Service contract and perform quality assurance testing for all deliverables. (Responsible Party: Consultant).	June 30	30%
5	Maintain a Regional Speed Survey program. (Responsible Party: Kern COG).	June 30	5%
6	Conduct a bike census. Maintain a Bike and Pedestrian Count website. (Responsible Party: Consultant).	June 30	5%
7	Maintain and update traffic, bicycle and pedestrian count plan, ensuring adequate coverage of disadvantaged communities. (Responsible Party: Kern COG).	June 30	10%
8	Coordinate the Disadvantaged Communities/ Environmental Justice Mapping in Work Element 201.1 with the Bicycle and Pedestrian Count Program. (Responsible Party: Kern COG).	June 30	5%

### End Products (Schedule)

1. Annual HPMS Survey. (May 2022).
2. Annual traffic count resource. (June 2022).
3. Traffic, Bicycle and Pedestrian Count Program. (Consultant) (June 2022).
4. Traffic Count Website maintenance (Consultant) (June 2022).
5. Bicycle and Pedestrian Count Website maintenance (Consultant) (June 2022).

### Revenue Budget

AGENCY					FTA				TOTAL	
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local	
Kern COG										\$0
Consultant			\$79,677						\$13,638	\$93,315
Total	\$0	\$0	\$79,677	\$0	\$0	\$0	\$0	\$0	\$13,638	\$93,315

### Funding by Task

SOURCE	1	2	3	4	5	6	7	8	TOTAL
FHWA RSTP	3,984	23,903	7,968	23,903	3,984	3,984	7,968	3,984	\$ 79,677
Local	682	4,091	1,364	4,091	682	682	1,364	682	\$ 13,638
TOTAL	\$ 4,666	\$ 27,995	\$ 9,332	\$ 27,995	\$ 4,666	\$ 4,666	\$ 9,332	\$ 4,666	\$ 93,315

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element # 603.3 – MOBILITY INNOVATIONS AND INCENTIVES**

**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. Provides a more sustainable, efficient transportation system through innovation.

\*Meets several Federal Planning Factors, Core Planning Functions including the Regional Transportation Plan and Performance Management.

**Previous Work**

1. 2019 Kern Electric Vehicle Charging Station Plan;
2. 2018 Regional Transportation Plan (and 2014);
3. 2012 Kern Region Energy Action Plans: Local Government Operations Protocol Greenhouse Gas Inventories;
4. San Joaquin Valley Air Pollution Control District Plug-in Electric Vehicle Readiness Plan;
5. Project delivery, grant research, and writing;
6. 2013-2021 San Joaquin Valley Electric Vehicle Partnership member;
7. 2016-2019 National Drive Electric Week
8. 2018-2020 TRANSITions Transit Symposium
9. 2021 TRANSITions Webinar Series.

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

Task #	Task	Completion Date	% of Effort
1	Host or sponsor public workshops on mobility innovations, funding resources, or technician training with consideration for DACs. (Responsible Party: Kern COG).	June 30	14%
2	Meet with member agencies and other public agencies to determine interest in shared mobility options, alternative fuel vehicles and fueling or charging infrastructure, and FAST Alternative Fuel Corridor designations. (Responsible Party: Kern COG).	June 30	7%
3	Attend the Advanced Clean Transportation Expo (Aug/Sept 2021), the NorCal Clean Tech Forum or other advanced transportation technology conferences either in person or online. (Responsible Party: Kern COG).	June 30	7%
4	Coordinate, host, sponsor and participate in local activities to support the development of the electric vehicle market or infrastructure. May include EV station openings, National Drive electric Week, Clean Air Month, community and promotional events. Partner with local agencies as appropriate, attend meetings (including AB 617 Community Steering Committee Meetings), and serve on committees with consideration for DACs. (Responsible Party: Kern COG).	June 30	54.5%

- |   |   |         |       |
|---|---|---------|-------|
| 5 | Promote mobility innovations, alternative fuel vehicles and infrastructure activities and events through media releases, paid public awareness campaigns, and public outreach. (Responsible Party: Kern COG). | June 30 | 17.5% |
|---|---|---------|-------|

### End Products (Schedule)

1. Project status reports (quarterly) (PPM)
2. Advertising and marketing materials. (annually) (Local) WE 1001.1
3. National Drive Electric Week (Sept/Oct 2021) (PPM)
4. TRANSITions Symposium materials or Webinar Series (Feb. 2022) (PPM)
5. Three public EV Charging Station events or training workshops (PPM)
6. Conference, meeting and workshop participation (Oct 2021/May 2022) (Local)
7. One public Renewable, Liquefied and Compressed Natural Gas technology and incentive workshop (Oct./Nov. 2021) (PPM)

### Revenue Budget

AGENCY					FHWA		FTA				TOTAL	
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	FY 18-19 SB-1	STIP PPM		Local		
Kern COG										\$6,768		\$6,768
Consultant										\$35,000		\$35,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$41,768		\$41,768

### Funding by Task

SOURCE	TASKS					TOTAL	
	1	2	3	4	5		
Local	5,848	2,924	2,924	22,764	7,309	\$	41,768
TOTAL	\$ 5,848	\$ 2,924	\$ 2,924	\$ 22,764	\$ 7,309	\$	41,768

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element # 603.4 – KERN ELECTRIC VEHICLE (EV) BLUEPRINT**

**Purpose & Goal\***

The goal of this program is to implement the 2019 Kern Electric Vehicle Charging Station Blueprint developed to place Kern County on a pathway to achieve its 2018 Regional Transportation Plan and Sustainable Communities Strategy greenhouse gas emission reduction goals at an accelerated rate through high-impact transportation electrification projects.

\*Meets several Federal Planning Factors and Performance Management.

**Previous Work**

1. 2014 and 2018 Regional Transportation Plan;
2. San Joaquin Valley Air Pollution Control District Plug-in Electric Vehicle Readiness Plan (Plug-In Electric Vehicle Coordinating Council Member);
3. San Joaquin Valley Electric Vehicle Partnership Market Development Plan (Action Team Member)
4. Electric vehicle charging space inventory (bi-annual)
5. 2019 Kern EV Charging Station Plan
6. Final 2019 EV Charging Station Plan Toolkit and Distribution Results
7. California Energy Commission Solicitation GFO-19-603 EV Ready Communities Funding secured in April 2021.

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

Kern County is challenged by poor air quality and barriers to the deployment of emission reduction technologies. According to the CalEnviroScreen, 81-90% of the County qualifies as Disadvantaged Area Communities (DACs). DACs generally lack private investment and a capacity to develop clean transportation projects. Nonprofits and governments are overwhelmed and capital-restrained in their efforts to support emission reduction efforts. Kern COG applied for, and in January 2021 was awarded funding from the California Energy Commission to implement the 2019 Kern EV Charging Station Blueprint.

The project will address implementation strategies under two goals identified in the Blueprint and encompass (1) the installation of EV Charging Stations in High Impact locations, (2) through the purchase of a BEAM EV ARC and two Level 2 Charging stations, support EV and EV Infrastructure workforce development through the Bakersfield College Automotive Technology Program, creating pathways to higher education and technical careers. This effort complements public education and outreach efforts under Mobility Innovations Work Elements 203.3A and 603.3.

Task #	Task	Completion Date	% of Effort
1	Complete or validate Memorandums of Understanding with the Electric Vehicle Charging Station Site Hosts (Site Hosts) selected for this project. (Kern COG, Bakersfield College, Cities of Arvin, Bakersfield, Delano, McFarland, Shafter, Wasco)	September 30	10%

2	Site hosts initiate and complete all tasks to install and open charging stations at the agreed-upon location(Site hosts)	December 31	15%
3	Site hosts install directional signs as appropriate (Site hosts)	May 31	5%
4			
5	Site hosts conduct a ribbon cutting ceremony, update their agency personnel as to the purpose and availability of the stations, media releases or media events such as a ground-breaking and/or ribbon cutting ceremony including Kern COG and the California Energy Commission in invitations (Site Host, Kern COG)	May 31	10%
6	Site hosts list the station on the US Department of Energy Alternative Fuel Data Center Station Locator, <a href="http://www.afdc.energy.gov">www.afdc.energy.gov</a> which also has mobile apps for Apple and Android	May 31	5%
7	Site hosts submit a project completion package to Kern COG, including an invoice (Site Hosts)	June 30	10%
8	Kern COG processes Site Host Completion Packages, which may require coordination with other granting agencies, such as the San Joaquin Valley Air Pollution Control District. (Kern COG, Site Hosts, SJVAPCD)	June 30	25%
9	Site Hosts participate in monthly project status calls or submit monthly project status reports with Kern COG.(Kern COG, Site hosts)	June 30	10%
10	Site hosts gather usage data from the stations and report quarterly for 12 months following the station opening. (Site host)	June 30	5%

### End Products (Schedule)

1. EV Charging Stations installed at six locations in Kern County
2. Kern EV Charging Station (CS) Blueprint Phase 2 Implementation Project progress reports to the California Energy Commission (CEC).
3. Kern EV CS Blueprint Implementation Project invoices to the CEC.
4. Presentations to Kern COG TTAC, RPAC, and TPPC or Board.

### Revenue Budget

AGENCY					FHWA			FTA			TOTAL	
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	FY 18-19 SB-1	CEC	Local			
Kern COG								\$62,052	\$5,000		\$67,052	
Consultant								\$572,175			\$572,175	
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$634,227	\$5,000		\$639,227	

### Funding by Task

SOURCE	TASKS										TOTAL
	1	2	3	4	5	6	7	8	9	10	
CEC	63,923	95,884	31,961	63,923	31,961	63,923	159,807	63,923	31,961	31,961	\$ 639,227
TOTAL	\$ 63,923	\$ 95,884	\$ 31,961	\$ 63,923	\$ 31,961	\$ 63,923	\$ 159,807	\$ 63,923	\$ 31,961	\$ 31,961	\$ 639,227

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element #603.5 MD & HD ZERO-EMISSION VEHICLE INFRASTRUCTURE**

**Purpose & Goal\***

The goal of this program is to implement the 2019 Kern Electric Vehicle Charging Station Blueprint developed to place Kern County on a pathway to achieve its 2018 Regional Transportation Plan and Sustainable Communities Strategy greenhouse gas emission reduction goals at an accelerated rate through high-impact transportation electrification projects.

\*Meets several Federal Planning Factors and Performance Management.

**Previous Work**

1. 2014 and 2018 Regional Transportation Plan;
2. San Joaquin Valley Air Pollution Control District Plug-in Electric Vehicle Readiness Plan (Plug-In Electric Vehicle Coordinating Council Member);
3. San Joaquin Valley Electric Vehicle Partnership Market Development Plan (Action Team Member)
4. Electric vehicle charging space inventory (bi-annual)
5. 2019 Kern EV Charging Station Plan
6. Final 2019 EV Charging Station Plan Toolkit and Distribution Results
7. California Energy Commission Solicitation GFO-19-603 EV Ready Communities Funding secured in April 2021.

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

Kern County is challenged by poor air quality and barriers to the deployment of emission reduction technologies. According to the CalEnviroScreen, 81-90% of the County qualifies as Disadvantaged Area Communities (DACs). DACs generally lack private investment and a capacity to develop clean transportation projects. Nonprofits and governments are overwhelmed and capital-restrained in their efforts to support emission reduction efforts. Kern COG applied for, and in January 2021 was awarded funding from the California Energy Commission to implement the 2019 Kern EV Charging Station Blueprint.

The project will address implementation strategies under two goals identified in the Blueprint and encompass (1) the installation of EV Charging Stations in High Impact locations, (2) through the purchase of a BEAM EV ARC and two Level 2 Charging stations, support EV and EV Infrastructure workforce development through the Bakersfield College Automotive Technology Program, creating pathways to higher education and technical careers. This effort complements public education and outreach efforts under Mobility Innovations Work Elements 203.3A and 603.3.

Task #	Task	Completion Date	% of Effort
1	Complete or validate Memorandums of Understanding with the Electric Vehicle Charging Station Site Hosts (Site Hosts) selected for this project. (Kern COG, Bakersfield College, Cities of Arvin, Bakersfield, Delano, McFarland, Shafter, Wasco)	September 30	10%

2	Site hosts initiate and complete all tasks to install and open charging stations at the agreed-upon location(Site hosts)	December 31	15%
3	Site hosts install directional signs as appropriate (Site hosts)	May 31	5%
4			
5	Site hosts conduct a ribbon cutting ceremony, update their agency personnel as to the purpose and availability of the stations, media releases or media events such as a ground-breaking and/or ribbon cutting ceremony including Kern COG and the California Energy Commission in invitations (Site Host, Kern COG)	May 31	10%
6	Site hosts list the station on the US Department of Energy Alternative Fuel Data Center Station Locator, <a href="http://www.afdc.energy.gov">www.afdc.energy.gov</a> which also has mobile apps for Apple and Android	May 31	5%
7	Site hosts submit a project completion package to Kern COG, including an invoice (Site Hosts)	June 30	10%
8	Kern COG processes Site Host Completion Packages, which may require coordination with other granting agencies, such as the San Joaquin Valley Air Pollution Control District. (Kern COG, Site Hosts, SJVAPCD)	June 30	25%
9	Site Hosts participate in monthly project status calls or submit monthly project status reports with Kern COG.(Kern COG, Site hosts)	June 30	10%
10	Site hosts gather usage data from the stations and report quarterly for 12 months following the station opening. (Site host)	June 30	5%

### End Products (Schedule)

1. EV Charging Stations installed at six locations in Kern County
2. Kern EV Charging Station (CS) Blueprint Phase 2 Implementation Project progress reports to the California Energy Commission (CEC).
3. Kern EV CS Blueprint Implementation Project invoices to the CEC.
4. Presentations to Kern COG TTAC, RPAC, and TPPC or Board.

### Revenue Budget

AGENCY FHWA					FTA				TOTAL	
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	FY 18-19 SB-1	CEC	Local	
Kern COG									\$13,953	\$13,953
Consultant								\$108,372		\$108,372
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$108,372	\$13,953	\$122,325

### Funding by Task

SOURCE	1	2	3	4	5	6	7	8	9	10	TOTAL
CEC	12,233	18,349	6,116	12,233	6,116	12,233	30,581	12,233	6,116	6,116	\$ 122,325
TOTAL	\$ 12,233	\$ 18,349	\$ 6,116	\$ 12,233	\$ 6,116	\$ 12,233	\$ 30,581	\$ 12,233	\$ 6,116	\$ 6,116	\$ 122,325

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element # 604.1 – REGIONAL TRAVEL DEMAND MODEL MAINTENANCE**

**Purpose & Goal\***

To develop and maintain the regional travel demand model. The maintenance of the regional travel demand model will ensure KernCOG has updated travel data and projections that will inform decision-making and the RTP. This activity will include a consultant contract for the purposes of maintaining the model. All modeling assumptions will be coordinated with KernCOG's Regional Planning Advisory Committee.

\*Meets several Federal Planning Factors, Core Planning Functions including the Regional Transportation Plan, Federal Transportation Improvement Program, air quality planning and Performance Management.

**Previous Work**

1. Acquired training, computer software and hardware for Regional Transportation Model;
2. Maintained travel/transit networks, 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;
3. Transportation investment studies for transit and multiple occupancy vehicle use; and

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

Task #	Task	Completion Date	% of Effort
1	Maintain TAZ boundaries as needed (model maintenance). (Responsible Party: Kern COG).	June 30	5%
2	Maintain transit network in Cube (model maintenance). (Responsible Party: Kern COG).	June 30	10%
3	Maintain transit access file using GIS (model maintenance). (Responsible Party: Kern COG).	June 30	10%
4	Calibrate & validate outlying communities in Cube model to base year 2019/2020 (model maintenance). (Responsible Party: Kern COG).	June 30	20%
5	Develop milestone years to check for reasonableness. (Responsible Party: Kern COG).	June 30	20%
6	Bring network and modeling assumptions for the base (existing) and future (2050) years into conformance with existing general plans and assumption (model maintenance). (Responsible Party: COG).	June 30	5%
7	Conduct Title VI environmental justice analysis of the short-range program and long-range plans to evaluate and determine transportation impacts. (Responsible Party: Kern COG).	June 30	5%
8	Coordinate modeling assumptions and cumulative effect modeling through Regional Planning Advisory Committee. (Responsible Party: Kern COG).	June 30	5%
9	Conform model for various years requested by ARB through 2050. (Responsible Party: Kern COG).	June 30	20%

Note: Model maintenance performed by Kern COG with occasional assistance from consultant as needed.

## End Products (Schedule)

1. Regional Planning Advisory Committee Agendas and Minutes (at least quarterly)
2. Model maintenance: updated networks, scripts, and inputs of transportation model. (ongoing)
3. Environmental Justice Analysis Report (June 2022)
4. Calibrate & validate Cube model to base year 2019/2020 (June 2022)
5. Develop future year model output (June 2022)
6. Model maintenance contract and support. (Ongoing) (Consultant)

## Revenue Budget

AGENCY					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	\$152,400								\$124,250	\$276,650	\$20,850	\$0	\$0	\$0
Consultant	\$29,379								\$25,621	\$55,000				
Total	\$181,779	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$149,871	\$331,650	\$20,850	\$0	\$0	\$0

## Funding by Task

SOURCE	TASKS									TOTAL
	1	2	3	4	5	6	7	8	9	
FHWA PL	9,089	18,178	18,178	36,356	36,356	9,089	9,089	9,089	36,356	\$ 181,779
Local	7,494	14,987	14,987	29,974	29,974	7,494	7,494	7,494	29,974	\$ 149,871
TOTAL	\$ 16,583	\$ 33,165	\$ 33,165	\$ 66,330	\$ 66,330	\$ 16,583	\$ 16,583	\$ 16,583	\$ 66,330	\$ 331,650

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element # 604.2 – REGIONAL GROWTH FORECAST MODEL**  
**DATA & ANALYSIS**

**Purpose & Goal**

Provide growth forecast information to develop and maintain the regional travel demand model. Provides for data gathering and analysis to promote a more safe, sustainable, integrated and efficient transportation system to enhance the region's economy, health and livability.

**Previous Work**

1. Adopted 2015-2050 Regional Growth Forecast (November 2015).
2. Updated 2014 employment data (June 2015).
3. Coordinated with San Joaquin Valley Demographic Forecast update.
4. Updated forecast base-year population with 2010 Census data.
5. Regional Growth Forecast Update 2020-2050 (March 2020)
6. Draft Regional Statistical Area distribution of Growth Forecast (Fall 2020)
7. Acquired land use modeling software support for growth forecast distribution (Dec 2020)
8. Updated employment data to 2020 base year (March 2021)
9. Status and Modeling Report FY20-21 (June 2021)

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

Task #	Task	Completion Date	% of Effort
1	Increase number of TAZs as needed. (Responsible Party: Kern COG).	June 30	5%
2	Adjust base year (2020) employment data. (Responsible Party: Kern COG).	June 30	5%
3	Map data forecasts for visual verification. (Responsible Party: Kern COG).	June 30	20%
4	Redistribute socio-economic data based on latest assumptions to transportation analysis zones (TAZs). (Responsible Party: Kern COG).	June 30	50%
5	Coordinate modeling assumptions through Regional Transportation Modeling Committee/Regional Planning Advisory Committee. (Responsible Party: Kern COG).	June 30	5%
6	Refine UPLAN land-use model for distribution of regional growth forecast. (Responsible Party: Kern COG).	June 30	10%
7	Develop updated land use modeling software tool for redistribution of regional growth forecast. (Responsible Party: Consultant).	June 30	5%

**End Products (Schedule)**

1. Updated TAZ data of growth forecast (Winter 2021)
2. Updated TAZ base year data (Winter 2021)

3. Status and modeling report FY21-22 (June 2022)
4. Updated land use modeling software (June 2022) (Consultant \$10,000)

## Revenue Budget

AGENCY					FHWA		FTA		TOTAL		TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	FY 18-19 SB-1	STIP PFM	Local		PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$28,342								\$19,964	\$48,306	\$3,251	\$0	\$0	\$0
Consultant	\$5,629								\$4,371	\$10,000	\$646	\$0	\$0	\$0
Total	\$33,971	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$24,335	\$58,306	\$3,896	\$0	\$0	\$0

## Funding by Task

SOURCE	TASKS							TOTAL
	1	2	3	4	5	6	7	
FHWA PL	1,699	1,699	6,794	16,986	1,699	3,397	1,699	\$ 33,971
Local	1,217	1,217	4,867	12,168	1,217	2,434	1,217	\$ 24,335
TOTAL	\$ 2,915	\$ 2,915	\$ 11,661	\$ 29,153	\$ 2,915	\$ 5,831	\$ 2,915	\$ 58,306

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element # 604.3 – REGIONAL TRAVEL DEMAND MODEL ANALYSIS**

**Purpose & Goal\***

Kern COG's transportation model assists in regional transportation and land use planning decisions. Provides for data gathering and analysis to promote a safer, sustainable, integrated and efficient transportation system to enhance the region's economy, health and livability.

\*Meets several Federal Planning Factors, Core Planning Functions including the Regional Transportation Plan and Federal Transportation Improvement Program, air quality conformity, Performance Management and State of Good Repair.

**Previous Work**

1. Amazon Site Study
2. Westside Parkway Highway Study;
3. Metro Bakersfield Land Use/Circulation Plan;
4. Morning Drive Corridor Study;
5. Route 58 Study;
6. GET Public Transportation Study;
7. GET Metropolitan Transportation Investment Strategy;
8. Downtown Delano Study;
9. SE Kern Transportation Study Tier I EIR specific requests;
10. MIP 2 Travel Model Development Report
11. Cube Land integrated land use and transportation model pilot project;
12. Centennial Corridor Study;
13. Wasco High Speed Rail Impact Study; and
14. Delano Transit Study.
15. Modeling support for Phase 1 of the Kern Area Regional Goods-Movement Operations Study (KARGO)
16. Kern County Base Year 2020 model..

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

<b>Task #</b>	<b>Task</b>	<b>Completion Date</b>	<b>% of Effort</b>
1	Provide modeling/support for regional transportation decision-making, air quality conformity modeling, local transportation impact fees and regional and member agency requested corridor studies. (Responsible Party: Kern COG).	June 30	20%
2	Provide modeling/support for Phase 2 of the Kern Area Regional Goods-movement Operations Study (KARGO). (Responsible Party: Kern COG).	June 30	20%
3	Conduct Title VI environmental justice analysis of the short-range program and long-range plans to evaluate and determine transportation impacts. (Responsible Party: Kern COG).	June 30	10%

4	Maintain airport ground access routes in the travel demand model. (Responsible Party: Kern COG).	June 30	10%
5	Participate in San Joaquin Valley Model Improvement Program. (Responsible Party: Kern COG).	June 30	10%
6	Assess the intermodal feasibility of proposed aviation, highway, public transit, goods movement and non-motorized projects. Continue to monitor and update proposed at-grade and grade-separated rail safety projects. (Responsible Party: Kern COG).	June 30	10%
7	Identify short- and long-range strategies and actions to meet projected demands. (Responsible Party: Kern COG).	June 30	10%
8	Provide oversight for modeling support contracts. (Responsible Party: Kern COG).	June 30	10%

### End Products (Schedule)

1. Model support for regional air quality conformity analysis and amendments. 2022 RTP(quarterly)
2. Modeling to support development of local transportation impact fees. (annually)
3. Transportation modeling. (monthly)
4. Modeling to support development of the Sustainable Communities Strategy. (monthly)
5. Modeling support for Phase 2 of the Kern Area Regional Goods-Movement Operations Study (KARGO 2 Study)

### Revenue Budget

AGENCY					FHWA				FTA			TOTAL		TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	FY 18-19 SB-1	STIP PPM	Local		PL	PL carryover	Sec. 5303	Sec. 5303 carryover			
Kern COG	\$29,762								\$4,148	\$33,910	\$3,414	\$0	\$0	\$0			
Consultant										\$0							
Total	\$29,762	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,148	\$33,910	\$3,414	\$0	\$0	\$0			

### Funding by Task

SOURCE	TASKS								TOTAL	
	1	2	3	4	5	6	7	8		
FHWA PL	5,952	5,952	2,976	2,976	2,976	2,976	2,976	2,976	\$	29,762
Local	830	830	415	415	415	415	415	415	\$	4,148
TOTAL	\$ 6,782	\$ 6,782	\$ 3,391	\$ 3,391	\$ 3,391	\$ 3,391	\$ 3,391	\$ 3,391	\$	33,910

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**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 several Federal Planning Factors, Core Planning Functions including the Regional Transportation Plan and Federal Transportation Improvement Program, Performance Management and State of Good Repair.

**Previous Work**

1. Web-based regional traffic-count historical analysis ;
2. Technical analysis and background supporting Regional Transportation Plan environmental documents. ;

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

<b>Task #</b>	<b>Task</b>	<b>Completion Date</b>	<b>% of Effort</b>
1	Analyze traffic count data	June 30	60%
2	Conduct detailed roadway analyses in areas affected by planned developments, increasing traffic congestion and impacts on air quality	June 30	5%
3	Provide technical assistance to local agencies upon request	June 30	5%
4	Assist Caltrans Districts 6 and 9 with system planning activities	June 30	5%
5	Assess the intermodal feasibility of proposed transportation projects, strategies and actions	June 30	5%
6	Identify corridor and subarea studies to support decisions on the design concepts and scope of proposed major transportation investments	June 30	5%
7	Ensure the Title VI, environmental justice criteria is applied to all corridor plans	June 30	5%
8	Attend Advisory Committee Transportation Concept Report meetings to provide direction and comment on Corridor Management Plans	June 30	5%
9	Work with local agencies and Caltrans to better coordinate CEQA and NEPA during transportation project development in the regional transportation planning process	June 30	5%

**End Products (Schedule)**

1. Web-based regional traffic-count historical analysis. (June 2022)
2. Technical analysis and background supporting Regional Transportation Plan environmental documents. (June 2022)

## Revenue Budget

FHWA					FTA				TOTAL		TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local		PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$3,090									\$3,090	\$354	\$0	\$0	\$0
Consultant										\$0				
Total	\$3,090	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,090	\$354	\$0	\$0	\$0

## Funding by Task

SOURCE	TASKS									TOTAL
	1	2	3	4	5	6	7	8	9	
FHWA PL	1,854	155	155	155	155	155	155	155	155	\$ 3,090
TOTAL	\$ 1,854	\$ 155	\$ 155	\$ 155	\$ 155	\$ 155	\$ 155	\$ 155	\$ 155	\$ 3,090

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element #606.1 – TRANSIT, AVIATION AND PASSENGER RAIL PLANNING**

**Purpose & Goal\***

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

\*Meets several Federal Planning Factors, Core Planning Functions including the Regional Transportation Plan, Federal Transportation Improvement Program, Performance Management, and State of Good Repair.

**Previous Work**

1. Closeout Kern COG's Public Transportation Modernization, Improvement, and Service Enhancement Account (PTMISEA) project (2021)
2. Low-Carbon Transit Operations Program of Projects (2021)
3. Closeout Kern COG's Transit System Safety, Security and Disaster Response Act (TSSSDRA) projects (2020)
4. 2019 implemented MioCar Implementation Plan
5. 2017 Active Transportation Plan including Transit Infrastructure Recommendations.
6. Shafter Transportation Development Plan (2016)
7. Wasco Transportation Development Plan (2016)
8. Kern County Transit Security Plan (2013); and
9. Metropolitan Bakersfield Transit System Long-range Plan (2012),

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

<b>Task #</b>	<b>Task</b>	<b>Completion Date</b>	<b>% of Effort</b>
1	Work with Golden Empire Transit District and CTSA to address service planning, ADA compliance, and services for the elderly and disabled. (Responsible Party: Kern COG).	June 30	10%
2	Coordinate short and long-range transit and land-use planning efforts for getting Kern County and member cities in the TIP process. (Responsible Party: Kern COG).	June 30	10%
3	Monitor and/or conduct public workshops to identify local transportation issues, transportation options, recommended actions, and implementation programs. (Responsible Party: Kern COG).	June 30	10%
4	Identify corridor and subarea studies to be performed. (Responsible Party: Kern COG).	June 30	5%
5	Close-out Kern COG's Public Transportation Modernization, Improvement, and Service Enhancement Act (PTMISEA). (Responsible Party: Kern COG).	July	5%
6	Implement Kern COG's Low-Carbon Transit Operations Program (LCTOP) and State of Good Repair (SGR) Program. (Responsible Party: Kern COG).	June 30	10%
7	Provide technical assistance to transit providers in transit planning, marketing, coordination, and other related	June 30	10%

	issues and conduct quarterly transit operator meetings. (Responsible Party: Kern COG).		
8	Analyze, identify and recommend improvements in the transit system to better serve people in transition from welfare to work. (Responsible Party: Kern COG).	June 30	5%
9	Ensure that environmental justice criteria are applied to transit plans. (Responsible Party: Kern COG).	June 30	5%
10	Assess the need for tribal and farm-worker transportation, including vanpools, in Kern County. (Responsible Party: Kern COG).	June 30	5%
11	Review Transit Security Plan annually and update as required. (Kern COG).	Annually	5%
12	Attend countywide Transit Security and Emergency Management meetings. (Kern COG).	June 30	5%
13	Monitor Kern County airport planning efforts and assist with Kern County airport master plan updates when appropriate. (Kern COG).	June 30	5%
14	Monitor all passenger rail planning activities within Kern County as appropriate and participate as required. (Kern COG).	June 30	5%
15	Coordinate tasks with Work Element 608.1 Active Transportation Planning. (Kern COG).	June 30	5%

## End Products (Schedule)

1. Caltrans State of Good Repair annual Program of Projects (June 2022)
2. Transit Operator Meeting Agendas (quarterly)
3. Updated Transit Security Plan (annually as needed)

## Revenue Budget

AGENCY					FHWA			FTA			TOTAL		TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local				PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$72,188	\$7,479			\$10,940	\$43,554			\$14,937	\$149,098			\$8,280	\$858	\$1,255	\$4,996
Consultant										\$0						
Total	\$72,188	\$7,479	\$0	\$0	\$10,940	\$43,554	\$0	\$0	\$14,937	\$149,098			\$8,280	\$858	\$1,255	\$4,996

## Funding by Task

SOURCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	TOTAL
FHWA PL	7,219	7,219	7,219	3,609	3,609	7,219	7,219	3,609	3,609	3,609	3,609	3,609	3,609	3,609	3,609	72,188
FHWA PL C/O	748	748	748	374	374	748	748	374	374	374	374	374	374	374	374	7,479
FTA 5303	1,094	1,094	1,094	547	547	1,094	1,094	547	547	547	547	547	547	547	547	10,940
FTA 5303 C/O	4,355	4,355	4,355	2,178	2,178	4,355	4,355	2,178	2,178	2,178	2,178	2,178	2,178	2,178	2,178	43,554
Local	1,494	1,494	1,494	747	747	1,494	1,494	747	747	747	747	747	747	747	747	14,937
TOTAL	\$ 14,910	\$ 14,910	\$ 14,910	\$ 7,455	\$ 7,455	\$ 14,910	\$ 14,910	\$ 7,455	\$ 7,455	\$ 7,455	\$ 7,455	\$ 7,455	\$ 7,455	\$ 7,455	\$ 7,455	\$ 149,098

**Kern Council of Governments  
OVERALL WORK PROGRAM – FY 2021/2022  
Work Element # 608.1 – ACTIVE TRANSPORTATION AND COMPLETE STREETS  
PROGRAM**

**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 several Federal Planning Factors, Core Planning Functions including the Regional Transportation and Plan Public Participation and Education and Performance Management.

**Previous Work**

1. Low-Stress High-Speed Rail Bike Connectivity Plan (2020)
2. The 2017 Regional Active Transportation Plan will be updated as needed and consider the state “Toward an Active California State Bicycle Pedestrian Plan” finalized in April 2017.
3. 2017 Kern Regional Active Transportation Plan;
4. 2017 Active Transportation Plan with complete Street Project Recommendations;
5. 2012 Kern Regional Bicycle Plan and Complete Streets Recommendations;
6. 2009 Kern River Bike Path Extension Study: SR 43 to Taft;

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

<b>Task #</b>	<b>Task</b>	<b>Completion Date</b>	<b>% of Effort</b>
1	Review existing bicycle plans from member agencies. (Responsible Party: Kern COG).	June 30	20%
2	Review and rank bicycle and pedestrian projects under California’s Active Transportation Program. (Responsible Party: Kern COG).	June 30	20%
3	Coordinate local bike and pedestrian planning with the California State Bicycle and Pedestrian Plan. (Responsible Party: Kern COG).	June 30	10%
4	Monitor construction for planned facilities and develop facilities mapping. (Responsible Party: Kern COG).	June 30	10%
5	Receive comments and suggestions regarding route selection and facility construction priority scheduling from the active Transportation Plan Steering Committee. (Responsible Party: Kern COG).	June 30	10%
6	Submit plans for public review, receive and respond to public comments. (Responsible Party: Kern COG).	June 30	10%
7	Consultation with tribal governments and environmental justice/disadvantaged communities for the Kern County Active Transportation Plan. (Responsible Party: Kern COG).	June 30	10%
8	Analyze bicycle traffic count program data. (Responsible Party: Kern COG).	June 30	5%

9	Incorporate transit planning considerations in coordinating bicycle and pedestrian planning. (Kern COG).	June 30	5%
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## End Products (Schedule)

1. Active transportation facilities maps/lists updates for RTP (4-year cycle, FY 21/22)
2. Annual report for ATP project delivery (FY 21/22)

## Revenue Budget

AGENCY	FHWA				FTA				TOTAL		TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	CARB		Local		PL	PL carryover	Sec. 5303	Sec. 5303 carryover
Kern COG	\$13,134									\$13,134	\$1,506	\$0	\$0	\$0
Consultant							\$46,924			\$46,924				
Total	\$13,134	\$0	\$0	\$0	\$0	\$0	\$46,924	\$0	\$0	\$60,058	\$1,506	\$0	\$0	\$0

## Funding by Task

SOURCE	TASKS									TOTAL
	1	2	3	4	5	6	7	8	9	
FHWA PL	2,627	2,627	1,313	1,313	1,313	1,313	1,313	657	657	\$ 13,134
CARB	9,385	9,385	4,692	4,692	4,692	4,692	4,692	2,346	2,346	\$ 46,924
TOTAL	\$ 12,012	\$ 12,012	\$ 6,006	\$ 6,006	\$ 6,006	\$ 6,006	\$ 6,006	\$ 3,003	\$ 3,003	\$ 60,058

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element # 608.2: Safe Routes for Bicyclists in Disadvantaged Communities**

**Purpose & Goal**

The Purpose of the Safe Routes for Bicyclists in Kern County's Disadvantaged Communities (DACs) is to increase active bicycle transportation through a program that raises confidence in cyclists and improves safety along bike routes. The program facilitates the planning, development and implementation of activities that increase bike ridership in Disadvantaged Communities throughout Kern County as identified by scores above 34.0 in CalEnviroscreen 3.0 to improve safety and air quality, as well as to reduce traffic and fuel consumption.

This project is eligible for federal funding.

**Previous Work**

1. None.

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

The primary basis for the program is the fact that for individuals to become more-active cyclists, they must be made to feel safe. Kern COG identified four goals for the program that relate to Encouragement, Education, Evaluation and Equity. Each goal has several strategies identified and some objectives under each strategy. Some of the objectives will be mandatory, such as the number of workshops to be held, hosting stakeholder listening sessions, provide bike maintenance training and evaluating/reporting local roadway deficiencies. The project activities may take place in the cities of Arvin, Bakersfield, California City, Delano, McFarland, Shafter, Taft, and Wasco and the Kern County communities of Buttonwillow, Lamont, Lost Hills, McKittrick, and Wofford Heights.

Task #	Task	Completion Date	% of Effort
1	Move through the standard delivery program process to include completion of a Program Supplemental Agreement, CTC Allocations, FHWA E76 Approvals and Caltrans processing of delivery documentation and approvals. (Kern COG and state agencies)	October 30	60%
2	Kern COG completes "Before" Count. (Consultant, Kern COG WE 603.2)	June 30	15%
3	Issue Request for Proposals for consultant selection	March 30	25%

**End Products (Schedule)**

1. Approved FHWA E76 (October)
2. Request for Proposals for Consultant (March)
3. Report of "Before" count results (June)

#### 4. Quarterly Reports and Invoices (October, January, April)

### Revenue Budget

AGENCY FHWA					FTA				TOTAL	
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	ATP	STIP PPM	Local	
Kern COG							\$45,998		\$4,297	\$50,295
Consultant							\$54,000			\$54,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$99,998	\$0	\$4,297	\$104,295

### Funding by Task

SOURCE	TASKS			TOTAL
	1	2	3	
ATP	59,999	15,000	25,000	\$ 99,998
Local	2,578	645	1,074	\$ 4,297
TOTAL	\$ 62,577	\$ 15,644	\$ 26,074	\$ 104,295

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**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 and shared use mobility throughout Kern County.

\*Meets several Federal Planning Factors, Core Planning Functions including Public Participation and Education and Performance Management.

**Previous Work**

1. Rideshare Week 2006-2019;
2. Clean Air Month, Bike 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.
9. Webinar partnerships to assist employers with telecommuting during COVID-19 pandemic.
10. Updated CommuteKern.org's website.

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

Task #	Task	Completion Date	% of Effort
1	Provide TDM outreach services (called CommuteKern) to individuals, employers and educational institutions. Service includes training, education and working with Employee Transportation Incentive Program (eTRIP) Coordinators. (Responsible Party: Kern COG).	June 30	30%
2	Provide ride matching, vanpool management, GIS maps of transit routes, and mile tracking services via ride matching software. (Responsible Party: Kern COG).	June 30	15%
3	Respond to inquiries related to alternate forms of commuting. (Responsible Party: Kern COG).	June 30	3%
4	Develop and distribute TDM promotional items and materials. (Responsible Party: Kern COG).	Monthly	5%
5	Coordinate local activities for California Rideshare Week, Clean Air Month, Bike Month and other special promotional events. Partner with local agencies as appropriate. (Responsible Party: Kern COG).	October/May	20%
6	Maintain and enhance Kern COG's Rideshare website, <a href="http://www.CommuteKern.org">www.CommuteKern.org</a> . (Responsible Party:	June 30	5%
7	Consultant). Promote CommuteKern services and events through media releases, advertising, social media and public outreach. (Responsible Party: Kern COG).	June 30	15%

8	Create and distribute monthly electronic newsletter to eTRIP coordinators. (Responsible Party: Kern COG).	Monthly	5%
9	Support efforts to expand park-and-ride capacity throughout Kern County through planning, outreach and response to requests for assistance. (Responsible Party: Kern COG).	June 30	2%

### End Products (Schedule)

1. Advertising and marketing materials. (bimonthly).
2. Website [www.CommuteKern.org](http://www.CommuteKern.org). and Ridematching software (annually) (Consultant).
3. Rideshare Week. (October 2021).
4. TDM Outreach and promotions highlighting company employees who rideshare. (monthly).
5. Clean Air & Bike Months. (May 2022).
6. Electronic newsletter and email blasts (monthly).
7. Employer Trip Reduction Incentive Program (eTRIP) Coordinator Meetings. (quarterly).
8. Employer rideshare events (monthly).

### Revenue Budget

AGENCY					FHWA			FTA			TOTAL	
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local			
Kern COG				\$165,371						\$27,256	\$192,627	
Consultant				\$45,000							\$45,000	
Total	\$0	\$0	\$0	\$210,371	\$0	\$0	\$0	\$0	\$27,256	\$237,627		

### Funding by Task

SOURCE	TASKS									TOTAL
	1	2	3	4	5	6	7	8	9	
FHWA CMAQ	63,111	31,556	6,311	10,519	42,074	10,519	31,556	10,519	4,207	\$ 210,371
Local	8,177	4,088	818	1,363	5,451	1,363	4,088	1,363	545	\$ 27,256
TOTAL	\$ 71,288	\$ 35,644	\$ 7,129	\$ 11,881	\$ 47,525	\$ 11,881	\$ 35,644	\$ 11,881	\$ 4,753	\$ 237,627

**Kern Council of Governments  
OVERALL WORK PROGRAM – FY 2021/2022  
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 several Federal Planning Factors, Core Planning Functions including the Regional Transportation Plan, Federal Transportation Improvement Program and air quality planning, Performance Management and State of Good Repair.

**Previous Work**

1. Kern Area Regional Goods-Movement Operations (KARGO) Phase I Study (2020)
2. The Eastern Sierra Freight Corridor Study (2019)
3. South Central Valley Freight Hub Brochure (2018)
4. San Joaquin Valley (SVJ) Goods Movement Sustainable Implementation Plan (June 2017)
5. SVJ Interstate 5 Corridor Study. (June 2017)
6. SVJ Interregional Goods Movement Plan (March 2013).
7. Short-Line Rail Study Phase II (March 2012)
8. Kern Goods Movement Strategy (September 2012).
9. Railroad Grade Separation Study (Jan. 2011)
10. Short-Line Rail Study Phase I (Dec. 2010)
11. I-5/SR-99 Origins and Destinations Truck Study (October 2009).
12. SR-58 Origins and Destinations Truck Study (February 2009);
13. Caltrans Goods Movement Study for US-395 Corridor (June 2006);
14. San Joaquin Valley Movement Studies, Phase I (2000) and Phase II (2002);
15. Caltrans 2000 Statewide Freight Study;

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

Task #	Task	Completion Date	% of Effort
1	Contact other agencies involved in freight programs for review and application to Kern County. (Kern COG).	June 30	10%
2	Coordinate with Caltrans on further statewide truck travel studies and I-5 Corridor Study. (Kern COG).	June 30	10%
3	Coordinate with Caltrans and FHWA on development of the primary freight network. (Kern COG).	June 30	5%
4	Coordinate with SVJ COGs on Goods Movement Planning. (Kern COG).	June 30	10%
5	Coordinate with other ongoing studies such as the Southern California Freight and Port Study and State Freight Plan Development. (Kern COG).	June 30	10%
6	Participate in Statewide Coordination Process to designate Critical Urban and Critical Rural Freight Corridors. (Kern COG).	June 30	5%
7	Analyze future use of short-line rail for goods movement. (Kern COG).	June 30	5%

9	Evaluate goods movement and truck study data to propose improvement projects for freight movement and connectivity, e.g. truck lanes, off-ramp improvements etc. (Kern COG).	June 30	5%
10	Perform truck model evaluation. (Kern COG).	June 30	5%
11	Oversee KARGO Study Phase II. (Kern COG).	June 30	35%

### End Products (Schedule)

- Analyses and recommendations for goods movement and connectivity projects. (annually).
- Central California Rail Shippers and Receivers Association meetings (annually).

### Revenue Budget

AGENCY					FHWA				FTA						TOTAL			TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	SB 1	Local		PL	PL carryover	Sec. 5303	Sec. 5303 carryover						
Kern COG	\$66,949										\$66,949	\$7,679	\$0	\$0	\$0						
Consultant											\$0	\$0									
Total	\$66,949	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$66,949	\$7,679	\$0	\$0	\$0						

### Funding by Task

SOURCE				TASKS											TOTAL
	1	2	3	4	5	6	7	8	9	10	11				
FHWA PL	13,390	13,390	6,695	6,695	6,695	3,347	3,347	3,347	3,347	3,347	3,347	\$ 66,949			
TOTAL	\$ 13,390	\$ 13,390	\$ 6,695	\$ 6,695	\$ 6,695	\$ 3,347	\$ 3,347	\$ 3,347	\$ 3,347	\$ 3,347	\$ 3,347	\$ 66,949			

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element # 610.2 – PHASE II KARGO SUSTAINABILITY STUDY**

**Purpose & Goal\***

The Study will identify technology as well as non-traditional strategies to mitigate impacts of goods movement to all communities in the region. Strategies will include containerized freight load matching and diversion of truck shipments to rail. Kern COG will provide project oversight to ensure the study will: Align the Study with the California Transportation Plan; conforms to 2017 RTP Guidelines and Promoting Sustainable Communities in California; addresses California's Complete Streets and Smart Mobility Framework; promote Climate Ready Transportation; address Environmental Justice and Disadvantaged Communities within the Study area; include California Sustainable Freight Action Plan elements; garner input from public agencies, private industries, and community advocacy groups concerned about freight and goods movement in the study area.

\*Meets Core Planning Functions, Performance Management and State of Good Repair.

**Previous Work**

1. Phase I KARGO Sustainability Study (2021)
2. SJV Goods Movement Sustainable Implementation Plan (June 2017)
3. SJV Interstate 5/99 Corridor Study (June 2017)
4. San Joaquin Valley (SJV) Interregional Goods Movement Plan (March 2013)
5. Short-Line Rail Study Phase I & II (Dec. 2010, March 2012)
6. Railroad Grade Separation Study (Jan. 2011)
7. I-5/SR-99 Origins and Destinations Truck Study (October 2009)
8. SR-58 Origins and Destinations Truck Study (February 2009)

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

Task #	Task	Completion Date	% of Effort
1	Provide project oversight (Responsible Party: Kern COG).	June 2022	5%
2	Phase II KARGO Sustainability Study Status Report. (Responsible Party: Consultant).	June 2022	95%

**End Products (Schedule)**

1. Phase II KARGO Sustainability Study Status Report (June 2022)

**Future End Products (Schedule)**

1. Phase II KARGO Sustainability Study (March 2023) (\$306,000)

## Revenue Budget

AGENCY		FHWA			FTA				TOTAL		
	PL	PL carryover	RSTP	SPR	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	FHWA SPR Competitive	Local	
Kern COG										\$13,364	\$13,364
Consultant									\$244,011	\$55,989	\$300,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$244,011	\$69,353	\$313,364

## Funding by Task

	1	2	
FHWA SPR	10,675	233,336	\$ 244,011
Local	3,034	66,319	\$ 69,353
TOTAL	\$ 13,710	\$ 299,654	\$ 313,364

**Kern Council of Governments  
OVERALL WORK PROGRAM – FY 2021/2022  
Work Element # 610.3 – I-5 FREIGHT ZERO PILOT STUDY**

**Purpose & Goal\***

The I-5 FREIGHT Zero Emissions Route Operations (ZERO) PILOT STUDY will evaluate the readiness of zero and near-zero emission technology on long-haul truck goods movement operations typically found in the San Joaquin Valley and statewide. The study will feature a short-term pilot that will test and measure performance of existing, available truck technologies on an approximately 200-mile segment of I-5 in the San Joaquin Valley. The project is being performed in partnership with eight San Joaquin Valley Regional Planning Agencies, Caltrans, California Air Resources Board, and the San Joaquin Valley Air Pollution Control District and UC Davis

\*Meets several Federal Planning Factors, Core Planning Functions including the Regional Transportation Plan and Congestion Management Process, Performance Management and State of Good Repair.

**Previous Work**

1. SJV Goods Movement Sustainable Implementation Plan (June 2017)
2. SJV Interstate 5/99 Corridor Study (June 2017)
3. San Joaquin Valley (SJV) Interregional Goods Movement Plan (March 2013)
4. Project Management/Participation/Input – Kickoff Conference Call/Meeting between Consultant, Kern COG, Partner Agencies (February 2020)
5. Literature Review and Analysis of Freight Patterns in the San Joaquin Valley by the Consultant (2020)
6. Assessment of Vehicle and Freight Efficiency Technologies (2020)
7. Development of Pilot Study Concept (2021)
8. Temporary Pilot Demonstration (2021)
9. Data Analysis (2021)

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

Task #	Task	Completion Date	% of Effort
1	Small Scale Pilot Demonstration and Data Collection (Responsible Party: Consultant)	September 30	68%
2	Data Analysis (Responsible Party: Consultant)	September 30	13%
3	Updates to Pilot Study Concept/Final Report. (Responsible Party: Consultant).	September 30	13%
4	Reporting. (Responsible Party: Consultant & Kern COG)	September 30	6%

**End Products (Schedule)**

1. Small Scale Pilot Demonstration Report.
2. Draft Final Report with Data Analysis Findings.
3. Quarterly Report and Invoice.
4. Final Report with updates to the pilot study and invoices.

## Revenue Budget

AGENCY					FTA			LOCAL			TOTAL
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	SHA	ARB	SJVUAPCD	Local	
Kern COG										\$7,169	\$7,169
Consultant		\$102,673					\$4,572			\$38,755	\$146,000
Total	\$0	\$102,673	\$0	\$0	\$0	\$0	\$4,572	\$0	\$0	\$45,924	\$153,169

## Funding by Task

SOURCE	TASKS				TOTAL
	1	2	3	4	
FHWA PL	\$ 81,378	\$ 15,557	\$ 15,557	\$ 7,169	\$ 102,673
SHA	3,109	594	594	274	\$ 4,572
Local	31,228	5,970	5,970	2,755	\$ 45,924
TOTAL	\$ 34,337	\$ 6,564	\$ 6,564	\$ 3,030	\$ 153,169

## **700 RECREATION AND OPEN SPACE**

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

No projects are programmed in FY 2021-2022.

## **800 EDUCATION**

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

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

**Kern Council of Governments  
OVERALL WORK PROGRAM – FY 2021/2022  
Work Element #801.1 – GRANT WRITING**

**Purpose & Goal**

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

**Previous Work**

- Provide GrantFinder software licenses to member agencies
- Kern COG 2018 BUILD grant application
- City of Bakersfield 2016 and 2017 FASTLANE grant applications
- City of Bakersfield 2017 INFRA grant application
- 2016 technology workshop
- Kern COG 2020 TCEP grant application
- Kern COG 2020 EV Ready Communities grant application
- Kern COG 2020 ATP Cycle 5 grant application

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

Task #	Task	Completion Date	% of Effort
1	Evaluate potential grants for eligibility; notify member agencies or Kern COG staff of relevant new grant opportunities. (Responsible Party: Kern COG).	June 30	10%
2	Research, schedule, prepare and collaborate on grant applications. (Responsible Party: Kern COG).	June 30	60%
3	Host grant workshops, invite funding agencies or successful project applicants. (Responsible Party: Kern COG).	June 30	10%
4	Attend meetings of Kern COG's Governing Board and technical planning committees if needed. (Responsible Party: Kern COG).	June 30	5%
5	Prepare quarterly progress reports for meetings of the governing board and technical planning committees as needed. (Responsible Party: Kern COG).	June 30	5%
6	Attend grant implementation meetings as needed. (Responsible Party: Kern COG)	June 30	10%

**End Products (Schedule)**

1. Grant application support for Kern COG and member agencies
2. Produce grant applications
3. Grant seeking software licenses

## Revenue Budget

AGENCY FHWA					FTA				TOTAL	
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local	
Kern COG									\$30,190	\$30,190
Consultant										\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,190	\$30,190

## Funding by Task

SOURCE	TASKS						TOTAL
	1	2	3	4	5	6	
Local	3,019	18,114	3,019	1,510	1,510	3,019	\$ 30,190
TOTAL	\$ 3,019	\$ 18,114	\$ 3,019	\$ 1,510	\$ 1,510	\$ 3,019	\$ 30,190

## **900 INTERGOVERNMENTAL COORDINATION**

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

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

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**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 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;
10. McFarland Traffic Impact Fee Study; and
11. Friant-Kern Canal Multi-Use Path.

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

Task #	Task	Completion Date	% of Effort
1	Provide planning and management services to meet special transportation needs of Kern COG member agencies. (Responsible Party: Kern COG).	June 30	20%
2	Provide assistance in land use and transportation planning, programming and budgeting to cities with limited staffing capabilities. (Responsible Party: Kern COG).	June 30	20%
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. (Responsible Party: Kern COG).	June 30	20%
4	Assist member agencies with development and analysis of land use information as it relates to transportation, housing and jobs. (Responsible Party: Kern COG).	June 30	10%
5	Assist member agencies with development and analysis of transportation and circulation information. (Responsible Party: Kern COG).	June 30	10%
6	Assist member agencies with "Quick response" Transportation Plan Analysis. (Responsible Party: Kern COG).		

## End Products (Schedule)

1. Memorandums of agreement with member agencies (Consultant) (as requested).

## Revenue Budget

AGENCY					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									\$11,354	\$11,354	\$27,402	\$10,666	\$0	\$0
Consultant	\$238,904	\$92,987						\$30,000		\$361,891				
Total	\$238,904	\$92,987	\$0	\$0	\$0	\$0	\$0	\$30,000	\$11,354	\$373,245	\$27,402	\$10,666	\$0	\$0

## Funding by Task

SOURCE	TASKS						TOTAL
	1	2	3	4	5	6	
FHWA PL	\$ 47,780.80	\$ 47,780.80	\$ 47,780.80	\$ 47,780.80	\$ 23,890.40	\$ 23,890.40	\$ 238,904.00
FHWA PL C/O	\$ 18,597	\$ 18,597	\$ 18,597	\$ 18,597	\$ 9,299	\$ 9,299	\$ 92,987
STIP PPM	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ 3,000	\$ 3,000	\$ 30,000
Local	\$ 2,271	\$ 2,271	\$ 2,271	\$ 2,271	\$ 1,135	\$ 1,135	\$ 11,354
TOTAL	\$ 74,649	\$ 74,649	\$ 74,649	\$ 74,649	\$ 37,325	\$ 37,325	\$ 373,245

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element # 903.1 – INFORMATION AND DATA MANAGEMENT**

**Purpose & Goal\***

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

\*Meets Core Planning Functions including the Regional Transportation Plan and the Federal Transportation Improvement Program.

**Previous Work**

1. Database of Kern County socio-economic information (FY20-21);
2. Federal Home Mortgage Disclosure Repository;
3. State Census Data Center Affiliation certification (FY20-21);
4. Assist governmental agencies, business interests and the general public with accessing and interpreting socio-economic information (FY20-21)
5. Assist in the development of Kern COG's regional transportation model (FY20-21)
6. Socio-economic information database related to the Kern County area (FY20-21)

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

Task #	Task	Completion Date	% of Effort
1	Develop and maintain socio-economic information for support of the Kern COG travel demand and air quality planning programs. (Responsible Party: Kern COG).	June 30	30%
2	Maintain U.S. Federal Reserve System Home Mortgage Disclosure Repository. (Responsible Party: Kern COG).	June 30	2%
3	Maintain California state Census Data Center Affiliate status. (Responsible Party: Kern COG).	June 30	5%
4	Prepare California State Census Data Center reports. (Responsible Party: Kern COG).	June 30	5%
5	Host workshops related to socio-economic information in the Kern region. (Responsible Party: Kern COG).	June 30	5%
6	Maintain collection of U.S. Census reports and provide library space for public inspection of documents, including Home Mortgage Disclosure information. (Responsible Party: Kern COG).	June 30	10%
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. (Responsible Party: Kern COG).	June 30	33%
8	Attend related workshops and training sponsored by the California State Census Data Center and the U.S. Bureau of the Census. (Kern COG).	June 30	10%

**End Products (Schedule)**

1. Update Kern COG website with latest demographic data FY21-22 (June 2022)
2. Socio-economic information database related to the Kern County area FY21-22 (June 2022)
3. Summary report of data development & data accessibility FY21-22 (June 2022)

## Revenue Budget

AGENCY					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	\$36,031								\$12,148	\$48,179	\$4,133	\$0	\$0	\$0
Consultant										\$0				
Total	\$36,031	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,148	\$48,179	\$4,133	\$0	\$0	\$0

## Funding by Task

SOURCE	TASKS								TOTAL
	1	2	3	4	5	6	7	8	
FHWA PL	10,809	721	1,802	1,802	1,802	3,603	11,890	3,603	\$ 36,031
Local	3,644	243	607	607	607	1,215	4,009	1,215	\$ 12,148
TOTAL	\$ 14,454	\$ 964	\$ 2,409	\$ 2,409	\$ 2,409	\$ 4,818	\$ 15,899	\$ 4,818	\$ 48,179

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element # 904.1 – INTERREGIONAL TRANSPORTATION COORDINATION**

**Purpose & Goal\***

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

\*Meets several Federal Planning Factors, Core Planning Functions including the Regional Transportation Plan and Transportation Improvement Program, air quality planning, Performance Management and State of Good Repair.

**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 SVJAPCD and Kern APCD;
5. SCAG/Kern COG Planning Coordination;
6. 2006-2021 San Joaquin Valley Regional Planning Agencies' policy conferences;
7. San Joaquin Valley Overall Work Program;
8. Kern COG/SCAG coordination meeting – October 2019; and
9. Provided comments to the 2040 California Transportation Plan.

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

Task #	Task	Completion Date	% of Effort
1	Attend San Joaquin Valley Regional Transportation Planning Agencies (SVJ COGs) meetings and confer with Inyo, Mono, San Bernardino counties and SCAG to discuss transportation issues and participate in long-range planning activities. (Responsible Party: Kern COG).	June 30	25%
2	Meet and confer with Caltrans Districts 6 and 9 and the San Joaquin Valley Air Pollution Control District on transportation and air quality planning processes. (Responsible Party: Kern COG).	June 30	25%
3	Participate in SVJ Regional Policy Council meetings and annual conference. (Responsible Party: Kern COG).	Spring	25%
4	Attend regular California Association of Councils of Governments (CalCOG) meetings with other MPOs and RTPAs statewide. (Responsible Party: Kern COG).	Throughout Year	25%

## End Products (Schedule)

1. San Joaquin Valley Regional Transportation Planning Agencies meetings (monthly);
2. San Joaquin Valley transportation/air quality planning process (monthly) (Consultant);
3. San Joaquin Valley transportation planning agencies work plan/Policy Council coordination (monthly) (Consultant);
4. Air quality planning study (bi-monthly);
5. Kern COG/SCAG coordination meetings (annually);
6. San Joaquin Valley Regional Planning Agencies Policy Conference (Spring 2021).

## Revenue Budget

FHWA				FTA				TOTAL		TOLL CREDITS NOT REVENUE			
PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local		PL	PL carryover	Sec. 5303	Sec. 5303 carryover
\$39,462								\$13,134	\$52,596	\$4,526	\$0	\$0	\$0
							\$72,000		\$72,000				
\$39,462	\$0	\$0	\$0	\$0	\$0	\$0	\$72,000	\$13,134	\$124,596	\$4,526	\$0	\$0	\$0

## Funding by Task

SOURCE	TASKS				TOTAL
	1	2	3	4	
FHWA PL	9,866	9,866	9,866	9,866	\$ 39,462
STIP PPM	18,000	18,000	18,000	18,000	\$ 72,000
Local	3,284	3,284	3,284	3,284	\$ 13,134
TOTAL	\$ 31,149	\$ 31,149	\$ 31,149	\$ 31,149	\$ 124,596

**Kern Council of Governments  
OVERALL WORK PROGRAM – FY 2021/22  
Work Element # 904.2 – LOCAL CLEARINGHOUSE REVIEW PROGRAM**

**Purpose & Goal**

The objective of the Executive Order 12372, is to foster an intergovernmental partnership and to strengthen federalism by relying on state and local processes for state and local coordination and review of proposed federal financial assistance. To make federal, state and local program and project proposals available for public review; determine consistency with regional comprehensive plans; and ensure adequate mitigation is proposed for impacts.

**Previous Work**

Areawide clearinghouse; grant and loan applications.

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

Task #	Task	Completion Date	% of Effort
1	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. Types of applications may include: Community Facilities Direct Loan Program; Community Development Block Grant Program; HOME Investment Partnerships Program; emergency solutions Grants Program; and Housing Preservation Grants. (Responsible Party: Kern COG).	June 30	60%
2	Review federal programs and proposals, including urban impact assessment and all transportation-related proposals; forward appropriate documents and proposals to interested individuals and agencies. (Responsible Party: Kern COG).	June 30	40%

**End Products (Schedule)**

1. Kern COG Board Agenda notice of federal assistance per Executive Order 12372 (monthly as needed).

## Revenue Budget

AGENCY FHWA					FTA				TOTAL	
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local	
Kern COG									\$2,958	\$2,958
Consultant										\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,958	\$2,958

## Funding by Task

SOURCE	TASKS		TOTAL
	1	2	
Local	1,775	1,183	\$ 2,958
TOTAL	\$ 1,775	\$ 1,183	\$ 2,958

## **1000 PROGRAM PLANNING AND ADMINISTRATION**

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

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**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)**

Task #	Task	Completion Date	% of Effort
1	Kern COG provide travel costs that exceed those allowed to employees of the State of California.	June 30	20%
2	Kern COG provide funding for the Annual Regional Awards Ceremony.	June 30	50%
3	Kern COG provide funding for the purchase of Kern COG promotional items.	June 30	15%
4	Kern COG provide for CalCOG and AMPO annual dues.	June 30	15%

**End Products (Schedule)**

1. Kern COG promotional items (quarterly);
2. Non-reimbursable travel (monthly);
3. Refreshments for Meetings (monthly);
4. Kern COG Regional Awards Ceremony (March 2022); and
5. CalCOG and AMPO Dues (annually).

**Revenue Budget**

AGENCY					FHWA				FTA			TOTAL	
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local				
Kern COG												\$69,787	\$69,787
Consultant												\$39,500	\$39,500
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$109,287	\$109,287

**Funding by Task**

SOURCE	TASKS				TOTAL
	1	2	3	4	
Local	21,857	54,644	16,393	16,393	\$ 109,287
TOTAL	\$ 21,857	\$ 54,644	\$ 16,393	\$ 16,393	\$ 109,287

**Kern Council of Governments  
OVERALL WORK PROGRAM – FY 2021/2022  
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;
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; and
7. SB 516 (2015) Transportation: Motorist Aid Services.

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

Task #	Task	Completion Date	% of Effort
1	Meetings, correspondence with lobbying consultants; craft legislative proposals and amendments.	June 30	32%
2	Coordinate regional and Valleywide lobbying trips.	June 30	35%
3	Develop white papers, fact sheets, talking point summaries, etc. for regional and Valleywide legislative advocacy trips.	June 30	33%

**End Products (Schedule)**

1. New legislation related to transportation, housing, water, air quality and/or energy. (annually);
2. Legislative amendments regarding transportation, housing, water, air quality and/or energy-related bills (annually);
3. San Joaquin Valley COGs federal legislative advocacy trip. (Consultant) (September 2021); and
4. San Joaquin Valley COGs state legislative advocacy trip. (Consultant) (March 2022).

**Revenue Budget**

FHWA					FTA				TOTAL	
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local	
Kern COG									\$36,231	\$36,231
Consultant									\$6,000	\$6,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$42,231	\$42,231

Funding by Task

SOURCE	TASKS			TOTAL
	1	2	3	
Local	13,514	14,781	13,936	\$ 42,231
TOTAL	\$ 13,514	\$ 14,781	\$ 13,936	\$ 42,231

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**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. Manage the Local Transportation Fund and the State Transit Assistance Fund in accordance with state statutes and regulations and Kern COG program policy.

\*Meets Performance Management and State of Good Repair.

**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)**

<b>Task #</b>	<b>Task</b>	<b>Completion Date</b>	<b>% of Effort</b>
1	Maintain the local program rules and regulations manual; prepare an annual estimate of area apportionments; advise claimants of quarterly trust fund subsidiary account activity and balances. (Responsible Part: Kern COG).	June 30	5%
2	Assist prospective claimants with annual claims, project lists and local program administration; review, approve and process all claims and financial transactions; monitor transit ridership and performance data. (Responsible Party: Kern COG).	June 30	10%
3	Maintain general and subsidiary ledgers and books of original entry in accordance with generally accepted accounting principles; prepare periodic account reconciliations. (Responsible Party: Kern COG).	June 30	10%
4	Conduct annual financial and compliance audit of Kern COG and each claimant contract for appropriate financial reports by an independent, certified public accountant (Responsible Party: Consultant).	March 31	40%
5	Conduct annual determination, analysis, and resolution of unmet transit needs. (Responsible Party: Kern COG).	November 30	15%
6	Prepare and approve the Annual Pedestrian and Bikeway Program of Projects; review projects as necessary. (Responsible Party: Kern COG).	June 30	10%
7.	Coordinate the Kern Social Service Transportation Advisory Committee and social services transit providers; oversee the Consolidated Transportation Service Agency. (Responsible Party: Kern COG).	June 30	10%

## End Products (Schedule)

1. Source journals, including cash receipts, cash disbursements, accounts receivable, and claims payable. (monthly).
2. Financial statements and status reports, including a balance sheet and statement of revenues and disbursements. (annually).
3. The annual estimate of area apportionments. (March 2022).
4. Subsidiary trust account statements. (quarterly).
5. Annual claims and applications. (Transit March 2022); (Pedestrian/Bike August 2021); (Streets/Roads September 2021).
6. Annual financial and compliance audit reports. (annually).
7. Metro CTSA monitoring and evaluation report. (annually).
8. Annual TDA Pedestrian and Bikeway Program of Projects (annually);
9. Countywide ridership report. (annually).
10. Unmet transit needs finding and documentation. (November 2021).
11. Social Service Transportation Advisory Committee meetings. (quarterly).
12. Monitor and evaluate the Social Service Transit Program in the Metro Bakersfield area. (quarterly).

## Revenue Budget

AGENCY		FHWA				FTA				TOTAL	
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local		
Kern COG									\$116,802		\$116,802
Consultant									\$150,000		\$150,000
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$266,802		\$266,802

## Funding by Task

SOURCE	TASKS							TOTAL	
	1	2	3	4	5	6	7		
Local	13,340	26,680	26,680	106,721	40,020	26,680	26,680	\$	266,802
TOTAL	\$ 13,340	\$ 26,680	\$ 26,680	\$ 106,721	\$ 40,020	\$ 26,680	\$ 26,680	\$	266,802

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**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 and Fixing America's Surface Transportation (FAST) Act public participation requirements. During FY 2020-21 COVID 19 substantially truncated Kern COG's outreach efforts. To facilitate continued public involvement, Kern COG subscribed to a survey tool – MetroQuest. Surveys were conducted on issues such as Accessory Dwelling Units, Growth Priorities, and Growth Principles.

\*Meets several Federal Planning Factors, Core Planning Functions including the Regional Transportation Plan and Public Participation and Education.

**Previous Work**

1. Established as a voting member for the Tejon Indian Tribe on the Regional Planning Advisory Committee (February 2020)
2. Public Involvement Procedures;
3. Kern News releases;
4. Kern COG's Annual Report;
5. Informational brochures;
6. Public meetings and workshops coordination;
7. Kern COG webpage and Areawide Directory;
8. Legislative tracking and reporting;
9. Attend community events; and
10. Multi-media advertising development and distribution, including radio, social media and other Web-based formats.

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

Task #	Task	Completion Date	% of Effort
1	Compose and update various brochures, letters, memos, news releases and publications, including the Annual Report, Areawide Directory, and Timeline providing information regarding Kern COG, its member agencies and activities.	June 30	25%
2	Maintain a public involvement program that complies with state open meeting laws, MAP-21 and FAST Act provisions. Maintain involvement with community groups including: Cultiva La Salud; the Dolores Huerta Foundation; Center for Race, Poverty and the Environment; Chambers of Commerce; Leadership Counsel for Justice and Accountability; environmental justice organizations and others.	June 30	25%
3	Engage, consult and coordinate with tribal governments regarding the transportation planning process.	June 30	25%
4		June 30	25%

Implement public involvement procedures, including legal notices, announcements, advertisements and conduct related workshops and meetings. Maintain Kern COG's website ([www.kerncog.org](http://www.kerncog.org)) and Facebook page. Broadcast Kern COG Board meetings on the local government channel.

### End Products (Schedule)

1. Informational brochures, annual report and news releases (annually);
2. Kern COG Internet provider (monthly) (Consultant – KCSOS);
3. Kern COG website maintenance (Consultant) (monthly);
4. Board meetings and other broadcasts (monthly) (Consultant – KGOV);
5. Speaking engagements, community events (quarterly).

### Revenue Budget

AGENCY					FHWA					FTA				TOTAL		TOLL CREDITS NOT REVENUE			
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local		PL	PL carryover	Sec. 5303	Sec. 5303 carryover					
Kern COG	\$43,127								\$24,846	\$67,973	\$4,947	\$0	\$0	\$0					
Consultant	\$26,197								\$15,803	\$42,000	\$3,005	\$0	\$0	\$0					
Total	\$69,324	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,649	\$109,973	\$7,951	\$0	\$0	\$0					

### Funding by Task

SOURCE	TASKS				TOTAL
	1	2	3	4	
FHWA PL	17,331	17,331	17,331	17,331	\$ 69,324
Local	10,162	10,162	10,162	10,162	\$ 40,649
TOTAL	\$ 27,493	\$ 27,493	\$ 27,493	\$ 27,493	\$ 109,973

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element # 1001.5 – OVERALL WORK PROGRAM (OWP)**  
**DEVELOPMENT AND MONITORING**

**Purpose & Goal**

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

**Previous Work**

1. 2020-21 Kern COG financial plan and OWP development
2. Public notices, announcements and workshops announcing the OWP
3. 2020-21 OWP monitoring and monthly cost allocation
4. 2020-21 Consolidated Planning Grant (CPG) invoices

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

Task #	Task	Completion Date	% of Effort
1	Coordinate and prepare the OWP. (Responsible Agency: Kern COG).	June 30	25%
2	Prepare and submit OWP amendments as needed. (Responsible Agency: Kern COG).	June 30	25%
3	Submit monthly OWP reporting and billing to Caltrans, FHWA and FTA. (Responsible Agency: Kern COG).	June 30	25%
4	Prepare quarterly reporting for CPG program.	June 30	25%

**End Products (Schedule)**

1. Quarterly reporting for 2021-22 fiscal year (quarterly).
2. OWP and related public participation documentation for 2021-22 (monthly).
3. Coordinate 2022-23 OWP preparation (December 2021-May 2022).

**Revenue Budget**

AGENCY	FHWA				FTA				TOTAL	
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local	
Kern COG									\$269,434	\$269,434
Consultant										\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$269,434	\$269,434

## Funding by Task

SOURCE	TASKS				TOTAL
	1	2	3	4	
Local	67,359	67,359	67,359	67,359	\$ 269,434
TOTAL	\$ 67,359	\$ 67,359	\$ 67,359	\$ 67,359	\$ 269,434

## **2000 Traveler Information & Assistance**

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

The purpose of the Authority is to finance, implement, operate and maintain a motorist aid system pursuant to California Streets and Highways Code Sections 2550-2560. The system may include traveler information systems, Intelligent Transportation system architecture and infrastructure, and safety-related hazard and obstruction removal.

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**Work Element # 2001.1 – KMAA SYSTEM ADMINISTRATION AND OPERATIONS**

**Purpose & Goal**

To implement, maintain, and operate a motorist aid system including traveler assistance programs within Kern County.

**Previous Work**

1. Call Box Upgrade to 3G voice and 4G data technology (Fall 2016);
2. Participate in the California Service Authority for Freeways and Expressways Committee (CalSAFE);
3. Call Box Removal Plan implementation;
4. Provide safety-related hazard and obstruction removal;
5. Provide Intelligent Transportation System architecture and infrastructure;
6. 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, process monthly reconciliations; and
7. Prepare periodic management reports regarding contract status, service performance and related matters.

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

Task #	Task	Completion Date	% of Effort
1	Provide traveler information systems, Intelligent Transportation System architecture and infrastructure, and other transportation demand management services, and safety-related hazard and obstruction removal.	June 30	32%
2	Prepare an annual KMAA work program and budget; Maintain a financial accounting system in accordance with GAAP and enterprise fund accounting; quarterly financial statements; and process monthly reconciliations.	June 30	35%
3	Provide for an annual financial and compliance audit by an independent certified public accountant (Consultant) for the purpose of attesting to and certifying records, internal control procedures and results of operations.	June 30	33%

**End Products (Schedule)**

1. Annual work plan and budget (annually);
2. Financial statements (quarterly).
3. Safety-related hazard and obstruction removal (monthly).

**Revenue Budget**

AGENCY					FHWA			FTA			TOTAL	
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM	Local			
Kern COG											\$17,931	\$17,931
Consultant												\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,931	\$17,931

## Funding by Task

SOURCE	TASKS			TOTAL
	1	2	3	
Local	5,738	6,276	5,917	\$ 17,931
TOTAL	\$ 5,738	\$ 6,276	\$ 5,917	\$ 17,931

**Kern Council of Governments**  
**OVERALL WORK PROGRAM – FY 2021/2022**  
**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)**

Task #	Task	Completion Date	% of Effort
1	Investigate 511 network modification and expansion possibilities; evaluate new technology capabilities developed for 511 systems.	June 30	10%
2	Coordinate with 511 Consultant to develop a system hosting and maintenance plan providing for routine updates and quality analysis of data. Provide periodic preventive and corrective maintenance of network hardware. (Consultant)	June 30	40%
3	Continue the Kern 511 Traveler Information System Marketing Plan. Provide for and analyze periodic statistical reports regarding 511 usage.	June 30	30%
4	Attend ITS California Annual Conference including a session for 511 system operators.	August	20%

**End Products (Schedule)**

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

**Revenue Budget**

AGENCY					FHWA			FTA			TOTAL	
	PL	PL carryover	RSTP	CMAQ	Sec. 5303	Sec. 5303 carryover	Sec. 5304	STIP PPM		Local		
Kern COG										\$41,803		\$41,803
Consultant										\$0		\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$41,803		\$41,803

## Funding by Task

SOURCE	TASKS				TOTAL
	1	2	3	4	
Local	4,180	16,721	12,541	8,361	\$ 41,803
TOTAL	\$ 4,180	\$ 16,721	\$ 12,541	\$ 8,361	\$ 41,803

## **VI. SUMMARY FINANCIAL TABLE - FOOTNOTE LEGEND**

FY 2021-2022 Overall Work Program  
SUMMARY FINANCIAL TABLE (Revised: May 9, 2022)

	Funding Source	FTA SEC.5303 MPO	FTA SEC.5303 MPO Carryover	FHWA PL	FHWA PL Carryover	FHWA RSTP	FHWA CMAQ 89/11	FHWA SPR	Caltrans ATP	STIP PPM	SB-1 21-22 (11d)	SHA	HCD	HSIP	CARB	CEC	Toll Credits*	Regional Planning Total	Local Contracts	TOTAL BUDGET
	Cost Sharing (grantor % / KCOG %)	(5)	(5)	89/11 (7)	(7)	(9)	(10)	(10a)	(11a)	(11b)	(12)	(12a)	(12b)	(12c)	(12d)		(13)	(14)		
	Footnotes																			
Air Quality Modeling/Transportation Management	101.1	\$ 35,305	\$ 4,374	\$ 33,833												\$ 8,432	\$ -		\$ 73,512	
Environmental Review and Monitoring Program	102.1	\$ 17,461		\$ 17,187												\$ 3,974	\$ -		\$ 34,648	
Community and Environmental Inventory Mapping System	201.1	\$ 94,410	\$ 24,100	\$ 228,214	\$ 5,646											\$ 40,417	\$ 29,758		\$ 382,128	
Mapping Services and Technical Support	201.2	\$ 72,666		\$ 68,419												\$ 16,182	\$ -		\$ 141,085	
2021/2022 Sustainable Communities Public Participation	203.1A									\$ 71,951						\$ -	\$ 9,420		\$ 81,371	
2021/2022 Sustainable Communities Performance Measures	203.2A									\$ 51,982						\$ -	\$ 6,735		\$ 58,717	
2021/2022 Sustainable Communities Mobility Innovations and Incentives Planning	203.3A									\$ 147,056						\$ -	\$ 19,053		\$ 166,109	
2021/2022 Sustainable Communities Strategy Forecast and Travel Model Activity Program	203.4A									\$ 114,098						\$ -	\$ 14,783		\$ 128,880	
Regional Housing Need Allocation Plan/Regional Early Action Planning Grant Program	203.5											\$ 922,655				\$ -	\$ -		\$ 922,655	
SJV Household Travel Survey	203.6															\$ -	\$ 152,342		\$ 152,342	
Regional Transportation Plan/Congestion Management Process	601.1	\$ 82,558		\$ 114,975					\$ 123,000							\$ 22,657	\$ 97,715		\$ 418,248	
RTP/CIP Financial Element	601.2			\$ 58,937												\$ 6,760	\$ 17,575		\$ 76,512	
Regional Transportation Community Survey & Outreach	601.3			\$ 16,180					\$ 75,000							\$ 1,856	\$ 49,469		\$ 140,649	
Federal Performance Measures Data and Analysis	601.4			\$ 19,909									\$ 428,000			\$ 2,284	\$ 25,088	\$ 47,556	\$ 520,553	
Transportation Improvement Program	602.1			\$ 161,739	\$ 17,353											\$ 20,542	\$ 146,912		\$ 326,004	
Project Planning & Development Assistance for Federal-Aid Projects	602.2			\$ 234,502												\$ 26,897	\$ 23,957		\$ 258,459	
Transportation Systems Monitoring and Coordination	603.1			\$ 50,192												\$ 5,757	\$ 1,990		\$ 52,182	
Traffic Count Program	603.2				\$ 79,677											\$ -	\$ 13,638		\$ 93,315	
Mobility Innovations and Incentives	603.3															\$ -	\$ 41,768		\$ 41,768	
Kern Electric Vehicle (EV) Blueprint	603.4														\$ 634,227	\$ -	\$ 5,000		\$ 639,227	
MD & HD Zero-Emission Vehicle Infrastructure	603.5														\$ 122,325	\$ -	\$ -		\$ 122,325	
Regional Travel Demand Model Maintenance	604.1			\$ 181,779												\$ 20,850	\$ 149,871		\$ 331,650	
Regional Growth Forecast Model Data & Analysis	604.2			\$ 33,971												\$ 3,896	\$ 24,335		\$ 58,306	
Regional Travel Demand Model Analysis	604.3			\$ 29,762												\$ 3,414	\$ 4,148		\$ 33,910	
Corridor/Major Investment/Impact Studies	605.1			\$ 3,090												\$ 354	\$ -		\$ 3,090	
Transit, Aviation and Passenger Rail Planning	606.1	\$ 10,940	\$ 43,554	\$ 72,188	\$ 7,479											\$ 15,388	\$ 14,937		\$ 149,098	
Active Transportation and Complete Streets Program	608.1			\$ 13,134											\$ 46,924	\$ 1,506	\$ -		\$ 60,058	
Safe Routes for Bicyclists in Disadvantaged Communities	608.2								\$ 99,998							\$ -	\$ 4,297		\$ 104,295	
Transportation Demand Management	609.1						\$ 210,371									\$ -	\$ 27,256		\$ 237,627	
Freight Planning	610.1			\$ 66,949												\$ 7,679	\$ -		\$ 66,949	
Phase II KARGO Sustainability Study	610.2							\$ 244,011								\$ -	\$ 69,353		\$ 313,364	
I-5 Freight ZERO Pilot Study	610.3				\$ 119,673							\$ 4,572				\$ 13,726	\$ 31,564	\$ 14,360	\$ 170,169	
Grant Writing	801.1															\$ -	\$ 30,190		\$ 30,190	
Regional Technical Assistance	902.1			\$ 238,904	\$ 92,987					\$ 30,000						\$ 38,068	\$ 11,354		\$ 373,245	
Information and Data Management	903.1			\$ 36,031												\$ 4,133	\$ 12,148		\$ 48,179	
Interregional Transportation Coordination	904.1			\$ 39,462						\$ 72,000						\$ 4,526	\$ 13,134		\$ 124,596	
Local Clearinghouse Review Program	904.2															\$ -	\$ 2,958		\$ 2,958	
Local Reimbursement	1001.1															\$ -	\$ 109,287		\$ 109,287	
Legislative Program	1001.2															\$ -	\$ 42,231		\$ 42,231	
Transportation Development Act (TDA) Program	1001.3															\$ -	\$ 266,802		\$ 266,802	
Information Services and Tribal Consultation	1001.4			\$ 69,324												\$ 7,951	\$ 40,649		\$ 109,973	
Overall Work Program (OWP) Development and Monitoring	1001.5															\$ -	\$ 269,434		\$ 269,434	
KMAA System Administration and Operations	2001.1															\$ -	\$ -	\$ 17,931	\$ 17,931	
511 System Administration and Operations	2002.1															\$ -	\$ -	\$ 41,803	\$ 41,803	
SUBTOTAL		\$ 313,340	\$ 72,028	\$ 1,788,682	\$ 243,138	\$ 79,677	\$ 210,371	\$ 244,011	\$ 99,998	\$ 300,000	\$ 385,087	\$ 4,572	\$ 922,655	\$ 428,000	\$ 46,924	\$ 756,552	\$ 277,251	\$ 1,779,150	\$ 121,650	\$ 7,795,833
CARRYOVER FUNDS		\$ -	\$ 72,028	\$ -	\$ 243,138	\$ -	\$ -	\$ 244,011	\$ -	\$ -	\$ -	\$ 4,572	\$ 922,655	\$ 428,000	\$ 46,924	\$ -	\$ -	\$ 487,507	\$ 14,360	\$ 7,795,832
FY 2021-22 FINAL FUNDS		\$ 313,340	\$ -	\$ 1,788,682	\$ -	\$ 79,677	\$ 210,371	\$ -	\$ 99,998	\$ 300,000	\$ 385,087	\$ -	\$ -	\$ -	\$ -	\$ 756,552	\$ -	\$ 1,291,643	\$ 107,290	
SUBTOTAL		\$ 313,340	\$ 72,028	\$ 1,788,682	\$ 243,138	\$ 79,677	\$ 210,371	\$ 244,011	\$ 99,998	\$ 300,000	\$ 385,087	\$ 4,572	\$ 922,655	\$ 428,000	\$ 46,924	\$ 756,552	\$ -	\$ 1,779,150	\$ 121,650	
		\$ -	\$ -	\$ 0	\$ 0	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0	\$ 0	\$ -	

\*Toll credits provided by the State of California are being utilized as a match for federal FHWA PL and FTA 5303 funds. The FHWA PL and FTA 5303 amounts shown in the Budget Revenue Summary Sheet represent 100% of the total federal participation cost, therefore toll credits are not included in the total revenue amount.

Kern Council of Governments  
FY 2021-2022 Overall Work Program  
Financial Summary Chart  
FOOTNOTE LEGEND

- (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, 102.1, 201.1, 201.2, 601.1, 606.1

Funding:	Grantor	Local Match	Toll Credits
PY Carryover	\$ 72,028		\$ 8,262
2021-2022 Allocation	\$ 359,723		\$ 41,260
Unprogrammed	\$ -		\$ -
TOTAL	<u>\$ 431,751</u>	<u>\$ -</u>	<u>\$ 49,522</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	\$ 243,138		\$ 27,888
2021-2022 Allocation	\$ 1,453,395		\$ 166,704
Unprogrammed	\$ (92,987)		\$ (10,666)
TOTAL	<u>\$ 1,603,546</u>	<u>\$ -</u>	<u>\$ 183,927</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	\$ -	\$ -
2021-2022 Allocation	\$ 79,677	\$ 10,323
Unprogrammed	\$ -	\$ -
TOTAL	<u>\$ 79,677</u>	<u>\$ 10,323</u>

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

Funding:	Grantor	Local Match
PY Carryover	\$ -	\$ -
2021-2022 Allocation	\$ 211,602	\$ 27,415
Unprogrammed	\$ (1,231)	\$ (159)
TOTAL	<u>\$ 210,371</u>	<u>\$ 27,256</u>

Kern Council of Governments  
FY 2021-2022 Overall Work Program  
Financial Summary Chart  
FOOTNOTE LEGEND

(10a) Grantor Agency: Federal Highway Administration  
Designated Recipient: California Department of Transportation  
Program: State Planning and research (SPR)  
WorkElement: 610.2

Funding:		<u>Grantor</u>	<u>Local Match</u>
	TOTAL	<u>\$ 244,011</u>	<u>\$ 31,614</u>

(11a) Grantor Agency: Federal Highway Administration  
Designated Recipient: California Department of Transportation  
Program: Active Transportation Program  
WorkElement: 608.2

Funding:		<u>Grantor</u>	<u>Local Match</u>
	PY Carryover	\$ -	\$ -
	2021-2022 Allocation	\$ 99,998	\$ 4,297
	Unprogrammed	\$ -	\$ -
	TOTAL	<u>\$ 99,998</u>	<u>\$ 4,297</u>

(11b) Grantor Agency: California Department of Transportation  
Designated Recipient:  
Program: STIP PPM  
WorkElement: 601.1, 601.3, 902.1, 904.1

Funding:		<u>Grantor</u>	<u>Local Match</u>
	PY Carryover	\$ -	\$ -
	2021-2022 Allocation	\$ 300,000	\$ -
	Unprogrammed	\$ -	\$ -
	TOTAL	<u>\$ 300,000</u>	<u>\$ -</u>

(11c) Grantor Agency: California Department of Transportation  
Designated Recipient:  
Program: SB-1 20-21  
WorkElement: 203.1B, 203.2B, 203.3B, 203.4B, 610.2

Funding:		<u>Grantor</u>	<u>Local Match</u>
	PY Carryover	\$ -	\$ -
	2021-2022 Allocation	\$ -	\$ -
	Unprogrammed	\$ -	\$ -
	TOTAL	<u>\$ -</u>	<u>\$ -</u>

Kern Council of Governments  
FY 2021-2022 Overall Work Program  
Financial Summary Chart  
FOOTNOTE LEGEND

(11d) Grantor Agency: California Department of Transportation  
Designated Recipient:  
Program: SB-1 21-22  
WorkElement: 203.1A, 203.24, 203.3A, 203.4A, 606.5, 606.6

Funding:	Grantor	Local Match
PY Carryover	\$ -	\$ -
2021-2022 Allocation	\$ 385,087	\$ 49,892
Unprogrammed	\$ -	\$ -
TOTAL	<u>\$ 385,087</u>	<u>\$ 49,892</u>

(12) Grantor Agency: California Department of Transportation  
Designated Recipient:  
Program: State Highway Account  
WorkElement: 610.3

Funding:	Grantor	Local Match
PY Carryover	\$ 4,572	\$ 592
2021-2022 Allocation	\$ -	\$ -
Unprogrammed	\$ -	\$ -
TOTAL	<u>\$ 4,572</u>	<u>\$ 592</u>

(12a) Grantor Agency: California Department of Housing and Community Development  
Designated Recipient:  
Program: Regional Early Action Planning (REAP)  
WorkElement: 203.5

Funding:	Grantor	Local Match
PY Carryover	\$ -	\$ -
2021-2022 Allocation	\$ 923,483	\$ -
Unprogrammed	\$ (828)	\$ -
TOTAL	<u>\$ 922,655</u>	<u>\$ -</u>

(12b) Grantor Agency: California Department of Transportation  
Designated Recipient:  
Program: Highway Safety Improvement Program  
WorkElement: 601.4

Funding:	Grantor	Local Match
PY Carryover	\$ -	\$ -
2021-2022 Allocation	\$ 428,000	\$ -
Unprogrammed	\$ -	\$ -
TOTAL	<u>\$ 428,000</u>	<u>\$ -</u>

Kern Council of Governments  
FY 2021-2022 Overall Work Program  
Financial Summary Chart  
FOOTNOTE LEGEND

(12c) Grantor Agency: California Air Resources Board  
Designated Recipient:  
Program: Clean Mobility Options Voucher Pilot Program  
WorkElement: 608.1

Funding:	Grantor	Local Match
PY Carryover	\$ -	\$ -
2021-2022 Allocation	\$ 46,924	\$ -
Unprogrammed	\$ -	\$ -
TOTAL	<u>\$ 46,924</u>	<u>\$ -</u>

(12d) Grantor Agency: California Energy Commission  
Designated Recipient:  
Program:  
WorkElement: 603.4

Funding:	Grantor	Local Match
PY Carryover	\$ -	\$ -
2021-2022 Allocation	\$ 756,552	\$ -
Unprogrammed	\$ -	\$ -
TOTAL	<u>\$ 756,552</u>	<u>\$ -</u>

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

Funding:	Administration	Planning	Total
PY Carryover	\$ 487,507	\$ -	\$ 487,507
2021-2022 Allocation	\$ 379,401	\$ 1,104,286	\$ 1,483,687
Unprogrammed	\$ -	\$ (192,044)	\$ (192,044)
TOTAL	<u>\$ 866,908</u>	<u>\$ 912,242</u>	<u>\$ 1,779,150</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	\$ 61,916
Member Dues	\$ -
Partnership Sales	\$ -
KMAA	\$ 59,734
AB 811	\$ -
TOTAL	<u>\$ 121,650</u>

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

## FEDERAL FISCAL YEAR 2021 CERTIFICATIONS AND ASSURANCES FOR FTA ASSISTANCE PROGRAMS

(Signature pages alternate to providing Certifications and Assurances in TrAMS.)

Name of Applicant: Kern Council of Governments

The Applicant certifies to the applicable provisions of categories 01–21. \_\_\_\_\_

*Or,*

The Applicant certifies to the applicable provisions of the categories it has selected:

Category	Certification
01	Certifications and Assurances Required of Every Applicant
02	Public Transportation Agency Safety Plans
03	Tax Liability and Felony Convictions
04	Lobbying
05	Private Sector Protections
06	Transit Asset Management Plan
07	Rolling Stock Buy America Reviews and Bus Testing
08	Urbanized Area Formula Grants Program
09	Formula Grants for Rural Areas
10	Fixed Guideway Capital Investment Grants and the Expedited Project Delivery for Capital Investment Grants Pilot Program
11	Grants for Buses and Bus Facilities and Low or No Emission Vehicle Deployment Grant Programs

12 Enhanced Mobility of Seniors and Individuals with Disabilities Programs

13 State of Good Repair Grants

14 Infrastructure Finance Programs

15 Alcohol and Controlled Substances Testing

16 Rail Safety Training and Oversight

17 Demand Responsive Service

18 Interest and Financing Costs

19 Construction Hiring Preferences

20 Cybersecurity Certification for Rail Rolling Stock and Operations

21 Tribal Transit Programs

**FEDERAL FISCAL YEAR 2021 FTA CERTIFICATIONS AND ASSURANCES SIGNATURE**

**PAGE**

(Required of all Applicants for federal assistance to be awarded by FTA in FY 2021)

**AFFIRMATION OF APPLICANT**

Name of the Applicant: Kern Council of Governments

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 2021, 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 2021.

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

# Certifications and Assurances

Fiscal Year 2021

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 Ahron Hakimi Date: 2-25-2021

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 Brian Van Wyk Digitally signed by Brian Van Wyk Date: 2021.03.01 16:31:04 -08'00' Date: \_\_\_\_\_

Name Brian VanWyk, Kern County Counsel Attorney for Applicant

*Each Applicant for federal assistance to be awarded by FTA 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 TrAMS, provided the Applicant has on file and uploaded to TrAMS this hard-copy Affirmation, signed by the attorney and dated this federal fiscal year.*

## FY 2021/2022 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

2-25-2021

\_Date



Caltrans District Approval Signature

Michael Navarro, Deputy District Director

Title

5/21/2021

Date

## FY 2021/2022 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, herby 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

2-25-2021

\_ Date



Caltrans District Approval Signature

Michael Navarro, Deputy District Director  
Title

5/21/2021

Date

**Fiscal Year 2021/2022 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 2021/2022  
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 2-25-2021  
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 Brian Van Wyk Digitally signed by Brian Van Wyk  
Date: 2021.03.01 16:31:21 -08'00' Date \_\_\_\_\_  
Printed Name of Applicant's Attorney Brian VanWyk, Kern County Counsel

## VIII. 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
HSCT	High-speed Ground Transportation
HSOPP	Highway Systems Operation and Protection Plan
HSR	High Speed Rail
HUD	Department of Housing and Urban Development (federal)

## I

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

## J

JPPB	Joint Planning Policy Board (Military)
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## K

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

## L

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

## M

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

## N

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

## O

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

## P

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

## R

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

## S

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

## T

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

## U

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

## V

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

## W

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

## Z

ZEV	Zero Emission Vehicle
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