



August 29, 2023

TO: **REGIONAL PLANNING ADVISORY COMMITTEE**
FROM: AHRON HAKIMI, EXECUTIVE DIRECTOR
SUBJECT: SEPTEMBER 6, 2023, MEETING CANCELLATION NOTICE

The meeting of the Regional Planning Advisory Committee (RPAC) scheduled for Wednesday, September 6, 2023, as been cancelled.

The Cancellation Notice and an information item can be found on the Kern COG website:

<https://www.kerncog.org/rpac-meetings/>



I. Information

September 6, 2023

TO: Regional Planning Advisory Committee (RPAC)

FROM: Ahron Hakimi,
Executive Director

By: Rob Ball, Deputy Director/Planning Director
Ben Raymond, Regional Planner

SUBJECT: REGIONAL PLANNING ADVISORY COMMITTEE INFORMATION ITEM: I.
UPDATE: SB 375 GREENHOUSE GAS EMISSION REDUCTION FROM
PASSENGER VEHICLES AND ADOPTION TIMELINE FOR THE 2026 RTP

DESCRIPTION:

The Regional Transportation Plan (RTP) is required to be updated every 4-years and contains a long range 24-year transportation expenditure portfolio fulfilling numerous policies and regulations including but not limited to public involvement, social equity, air quality conformity, congestion management, and Senate Bill (SB) 375 per capita greenhouse gas (GHG) reduction targets. This item was shared with the Regional Planning Advisory Committee.

DISCUSSION:

This discussion provides an update on the activity related to the RTP and the SB 375 Sustainable Communities Strategy (SCS). The report is updated regularly with the most recent developments listed first.

August 10, 2023 - California Air Resources Board (ARB) staff announced at the quarterly San Joaquin Valley Inter-Agency Consultation meeting that Kern, Stanislaus, and Tulare COGs have received their approval and will receive official documentation in September. Fresno and San Joaquin COGs have completed their reviews and are in the process of making some required board actions before they can receive their official approval. Kings, Madera and Merced are still under review by ARB staff.

July 26, 2023 – 2026 RTP/SCS Roundtable Meeting was held for environmental, equity, business & industry groups on the public outreach process at Kern COG and included 14 representatives from the Delores Huerta Foundation, Central California Asthma Collaborative, Sierra Club, Home Builders Association, Golden Empire Transit, Caltrans, County Public Works, and staff from the cities of McFarland, Taft, and Wasco.

July 13, 2023 - ARB staff emailed Kern COG and the California, the final acceptance letter is still working its way through upper management reviews and may not be issued till September due to staffing and vacation issues.

June 15, 2023 – Kern COG Board approved the 2023 Public Involvement Procedures document after a 45-day public review. The document is online at <https://www.kerncog.org/policies/> .

June 13, 2023 – ARB staff emailed Kern COG and the California Transportation Commission that “the SCS is officially approved.” However, the final acceptance letter is still working its way through upper management reviews and will take several weeks before it is issued.

May 19, 2023 – ARB staff acknowledged receipt of the requested transmittal letter signed by the Kern COG Chair, and associated TPPC staff report. ARB staff indicated they would provide a status update by May 31, and try to meet Kern COG’s request for an expedited review by June 8, but that they could not commit to any date earlier than June 27.

May 5, 2023 - Kern COG submitted a draft of a Kern COG TPPC staff report and transmittal letter to ARB with a request for the Kern COG Chair to sign. The item was approved by the Board on May 18, 2023 and signed by the Chair. The letter documents technical changes that do not affect the adopted RTP/SCS text or conclusions. The document contains updates from the November 2022 SCS technical data submittal to ARB consistent with ARB guidelines.

May 1, 2023 – Kern COG circulated the draft Public Involvement Procedure for 45-day public review period to be concluded on June 15. In addition, the Kern COG Executive Director and other COG directors from the San Joaquin Valley met with the SJV representative on the California Air Resources Board. At that meeting ARB staff indicated that Kern was close to receiving the acceptance finding for their SCS.

April 26, 2023 – Kern COG submitted to ARB a cover letter and revised technical methodology data submittal with all the requested updates since the November data submittal. ARB requested that the Kern COG’s chair’s signature be approved by the Kern COG Board,

April 17, 2023 – Kern COG web conferenced with ARB staff for the 14th time in 3 years to discuss the 2022 SCS technical methodology. One final methodology issue remains out of 27 identified in CARB’s January 20th memorandum. Additional adjustments were made to the elasticity used to adjust the hybrid NCST tool method used by Fresno COG. Documentation of the adjustment was submitted to ARB on April 18, 2023. ARB is required to provide their finding and recommendations 2 months after the submitted package from Nov. 29, 2023 is found complete.

March 29, April 7, April 14, 2023 – Kern COG web conferenced with ARB to further refine SCS modeling methodology.

February 17, 2023 – Kern COG submitted responses to the ARB January 20, 2023 questions on Kern COG’s technical methodology package provided to ARB on November 29, 2023.

January 20, 2023 – ARB responded to Kern COGs SCS technical methodology submittal from November 29, 2022 with questions. A meeting was held on January 24, 2023 to clarify questions.

December 16, 2022 – The 2022 RTP/Federal Transportation Improvement Program (FTIP) short range transportation program air quality conformity was federally approved. The 2023 FTIP “CTIPS Report” and “Grouped Project Listing” weblinks are available at: <https://www.kerncog.org/2023-ftip/>.

November 29, 2022 – Kern COG submitted the technical methodology data package to the ARB.

July 21, 2022 - the Kern COG Board adopted the 2022 RTP/SCS and associated documents. The documents are available on the Kern COG website at <https://www.kerncog.org/category/docs/rtp/>.

Table 1 – 2018 & 2022 SB 375 Targets for the Kern Region

Per Capita GHG Reduction Target/	2020	2035
2022 RTP/SCS demonstration (July 21, 2022) w/ required off-model adjustments (2020 is pre-COVID)	-10.9%	-15.1%
2018 RTP/SCS demonstration (August 15, 2018)	-12.5%	-12.7%
Targets for 2022 RTP/SCS (set March 22, 2018 by ARB, effective October 1, 2018)	- 9%	-15%

March 22, 2018 - ARB adopted new SB375 Targets for the third cycle RTP/SCS to be effective October 1, 2018. Next ARB target setting will be during the 2022-2026 window.

June 13, 2017 - ARB released proposed targets that were 2 percentage points higher than what Kern COG recommended for 2035. The related ARB documents are available online at <https://www.arb.ca.gov/cc/sb375/sb375.htm>. Kern COG’s April target recommendation letter is located on page B-143 of the ARB staff report at https://www.arb.ca.gov/cc/sb375/appendix_b_mpo_scenario_and_data_submittals.pdf. Kern COG and the 8 San Joaquin Valley COG’s prepared individual letters and a joint comment letter. The letters document methodological changes that make it difficult to compare the 2014 RTP results with the latest modeling refinements.

Preliminary Timeline 2026 RTP/SCS


- ~~June 2023 – Update Public Involvement Procedure~~
- ~~July 2023 – Stakeholder roundtable process to vet outreach and performance measures~~
- Spring 2023 to Spring 2026 – Annual Statistically Valid Community Phone Surveys
- Spring 2023 to Spring 2026 – RTP/SCS Public Outreach Process
- September 2023 – ARB findings release scheduled on 2022 SCS
- September 2023 – Regional Growth Forecast Update Kickoff
- September each year – Technical Assistance Requests to Kern COG Due
- Fall 2024 – Adopt Regional Growth Forecast Update
- Fall 2023 to Fall 2025 – Fairs/Festivals/Farmer’s Market Outreach
- Fall 2024 to Fall 2025 – Mini-Grant Stakeholder Hosted Workshops
- Summer 2026 Adopt RTP/SCS, EIR and associated documents

ACTION: Information

September 6, 2023

TO: Regional Planning Advisory Committee (RPAC)

FROM: Ahron Hakimi
Executive Director

BY: Rob Ball, Deputy Director/Planning Director 
Rochelle Invina, Regional Planner
Linda Urata, Regional Planner
Vincent Liu, Regional Planner
Irene Enriquez, Regional Planner

SUBJECT: REGIONAL PLANNING ADVISORY COMMITTEE INFORMATION ITEM: II.
SUSTAINABLE COMMUNITY GRANTS/COG ASSISTANCE REQUESTS AND FEEDBACK
MONITORING DATA - **EMAIL REQUESTS DUE TO KERN COG FRIDAY, SEPTEMBER 29, 2023**

DESCRIPTION:

The 2022 Regional Transportation Plan (RTP)/Sustainable Communities Strategy (SCS) includes a strategy to provide sub regional feedback on SB 375 travel reduction goals and provide technical assistance and grant writing assistance to help sub areas of the County that need it most. This is an annual process reviewed by the TTAC and RPAC.

DISCUSSION:

A new 2-part strategy was proposed in the 2014 RTP/SCS, and continued in subsequent cycles, to help our member agencies voluntarily monitor their progress toward the region's air emission goals. The strategy also helps member agencies develop projects that will better compete for funding under policies that emphasizes sustainability. Kern COG provides monitoring data along with technical assistance and grant writing assistance. The data provides sub-regional monitoring feedback and helps prioritize assistance using the regional travel model as part of this process.

COG Technical Assistance

The 2014 RTP was the first to contain an SCS as required by the state Climate Protection Act of 2008 (SB 375). Kern COG began work with member agencies on developing more sustainable projects and strategies immediately after the adoption of the 2008 Kern Regional Blueprint.

Since 2009, Kern COG has awarded over \$500,000 in technical assistance grants and/or staff time support to provide member agencies with resources to identify and implement projects that would further the goals of the 2008 Kern Regional Blueprint and now the SCS. Available funding for Kern COG technical assistance grants, and staff time support to assist member agencies in applying for the numerous grant resources varies from year to year based on need and resource availability. This program has helped fund:

- In kind staff-time match for sustainable community planning grants for modeling/public outreach
- Regional travel demand modeling and GIS mapping support
- community bike and complete street plans
- community visioning/design workshops
- 2D/3D community visualizations

- transportation impact fee programs
- general plan circulation element updates
- Early transportation project development planning studies

Member Agencies Email Sustainable Community Planning/Project Development Ideas to Kern COG by Friday, September 29, 2023 - Under this Kern COG local government assistance program, staff can recommend that technical assistance resources be prioritized for agencies with the greatest potential need (see monitoring section below). Agencies must request technical assistance in writing by September 29, 2023 for consideration. Requests may be made by email and should include a brief preliminary scope and budget regarding the planning level work needed. Agencies are encouraged to contact COG staff for assistance in developing the request for sustainable community strategy implementation and planning funds. Staff will provide assistance to member agencies in deciding which grant resources (see attachment 1) are most appropriate and effective. Please contact Rob Ball - 661-635-2902, rball@kerncog.org or Irene Enriquez - 661-635-2918, ienriquez@kerncog.org.

Member Agencies Provided with Free Access to GrantFinder.com - Kern COG has secured GrantFinder software licenses on behalf of its member agencies, and local public transit agencies for the period ending March 30, 2024, which may be extended. GrantFinder (<http://grantfinder.com>) is a real-time database of federal, state, and private grant opportunities tailored to municipalities and nonprofits. The program allows users to tailor their grant searches to their needs. To receive access, the member agency may designate up to two users on the attached form and return it to Linda Urata, Regional Planner. Currently all member agencies have access except for the cities of Shafter and Tehachapi. GrantFinder training is available by request; Program contact: Linda at 661-635-2904 or lurata@kerncog.org or Susanne Campbell scampbell@kerncog.org.

Prioritized Funding Policy for More Sustainable Projects - In November 2012 and most recently updated in April 2021, the Kern COG Board adopted the new project delivery policies and procedure (<https://www.kerncog.org/policies/>) to assist the region in promoting projects that better match the goals of the RTP/SCS. Dependent on the funding category, the procedure provides points for ranking projects for future funding. Up to half of the points go to projects that promote more sustainable/livable communities and lower air emissions. Since this policy and procedure update, Kern COG has funded park & ride facilities in California City and South Bakersfield, the Golden Empire Transit District has implemented a new/more convenient bus rapid transit, express bus and On Demand microtransit network, and the City of Tehachapi has adopted the first city-wide "form-based-code" General Plan in California. These types of projects are proliferating in the region in part because of the Kern COG adopted project delivery policies.

Monitoring Data Feedback

The table in Attachment 2 shows the latest modeling of auto Vehicle Miles Traveled (VMT) per person (household population + employment by place of work) from the most recently adopted RTP. The total shows a 2.6 percent decrease in VMT between 2020 and 2022. All regions show lower VMT per capita household population + employment by 2046 compared to 2020 except for Greater Taft, Arvin and Tehachapi.

This technical and grant writing assistance program RTP strategy will continue to be funded as planning funds and grants are available. Subject to the Board's direction, Kern COG resources may be prioritized to communities that may be showing difficulty in making progress towards reducing emissions and passenger vehicle travel. Grants and incentives are subject to state and federal funding requirements.

Attachments

Attachment 1 – Kern Sustainable Community Grant Resources – August 2023
Attachment 2 – Kern 2022 RTP/SCS Change in Daily Auto Miles Traveled
Attachment 3 - Kern Sub Area Index and Vehicle Miles Traveled Maps

ACTION: Information. Technical/grant writing and other assistance email requests from member agencies are due to Kern COG by 5 p.m. Friday, September 29, 2023.

Attachment 1

Kern Sustainable Community Grant Resources–August 2023

Local Programs

Kern COG Technical Assistance Program – Email Request to Rob Ball rball@kerncog.org due by Friday, 5PM September 29, 2023 by 5 p.m.

Requests may be made by email and should include a draft scope, budget, and timeline regarding the planning need. Agencies are encouraged to contact COG staff for assistance in developing the request for planning resources and strategizing which sources are most appropriate. Awards are subject to available funding, need, and past geographic distribution of past awards. The awards will be used in developing the programming for next fiscal year's Kern COG Overall Work Program. Past awards have included:

- Travel modeling and GIS mapping support technical support
- In-kind staff time in data collection/outreach to help match a sustainable planning grant
- Grant writing assistance
- Community bike and complete street plans
- Community visioning/design workshops
- Transportation impact fee programs
- General plan circulation element updates
- Transportation project development planning studies

Kern COG GrantFinder Software Licenses - Kern COG maintains a license with Lexipol for GrantFinder Software. Member agencies can have up to two users for this software. In Q1 2023-24, Kern COG will contact the member agencies to renew authorization of the member agency software-user contacts. License holders may receive technical support from Lexipol. Contact Linda Urata urata@kerncog.org, Susanne Campbell scampbell@kerncog.org or Irene Enriquez ienriquez@kerncog.org for more information.

Kern COG Online Resources

To support grant applications Kern COG posts regional plans, resources and toolkits on the Kern COG website www.kerncog.org. For example:

- **2022 Regional Transportation Plan Chapter 4 - Sustainable Communities Strategy** provides projects and strategies for implementing Kern efforts to reduce GHG emissions from passenger vehicles. <https://www.kerncog.org/2022-rtp/>
- **2019 EV Charging Station Installation Resources List**, and the 2019 EV Charging Station Blueprint to its website. Kern COG will produce a 2024 EV Charging Station Blueprint in the coming year.: https://www.kerncog.org/wp-content/uploads/2022/06/EVCS_Toolkit_Resources_202206.pdf
- **2023 Kern Medium-Duty and Heavy-Duty Zero-Emission Vehicle Infrastructure Blueprint** featured five high-impact sites which may serve as examples to follow. The five sites may be eligible for a new CEC funding program to be launched in Q2 or Q3. The Blueprint is posted here: https://www.kerncog.org/wp-content/uploads/2023/04/2023_MD-HD_ZEV_Infrastructure_Blueprint.pdf
- **2018 Kern Regional Active Transportation Plan** provides eligible bike and pedestrian projects for all jurisdictions in Kern. <https://www.kerncog.org/bicycle-plans/>

- **2020 Kern County Rural Alternative Transportation Plan** provides transit ZEV projects for all outlying jurisdictions in Kern <https://www.kerncog.org/public-transportation/>

San Joaquin Valley Air Pollution Control District

Grants and Incentive Programs - <http://valleyair.org/grants/> - Some applications accepted year-round.

- **Bike Paths** provides funds to establish bicycle infrastructure such as Class I or Class II bicycle paths
- **E-Mobility Commerce** provides funds to develop or expand electronic telecommunication services
- **Public Benefit** provides funds to purchase new, alternative-fuel vehicles and infrastructure and develop advanced transit and transportation systems
- **Charge Up!** Provides funds for businesses and public agencies to purchase and install electric vehicle chargers for public use.
- **Plug in Electric Vehicle Resources Center** provides information about plug-in electric vehicles including available incentive funding, charging infrastructure and locations, and the district's activities to increase and sustain electric vehicles in the Valley
- **Public Transportation Subsidy and Park & Ride Lots** provides funds to subsidize transportation passes for bus, shuttle and commuter rail services. Funds are also available for the construction of park and ride lots
- **Public Agency Programs: Click the tab to learn more about Emergency Vehicle Replacement Program, Alternate Fuel Mechanic Training - Heavy Duty Waste Haulers - School Bus Programs**
- **AB 836 Wildfire Smoke 'Clean Air Centers'** check the website to learn if the program funding is available in late summer or fall 2023
- **AB 617 Programs exist in Arvin and Shafter.** Funding will be directed by a Community Emission Reduction Program. Currently no information on another round of community selection.

Eastern Kern Air Pollution Control District

DMV Grant and Voucher Program – Contact: 661-862-5250.

NOTE: Some grant funds are distributed annually. Check the website.

http://www.kernair.org/Main_Pages/grants.html

- **DMV Vehicle Voucher Program** is currently closed for 2023
 - \$4,000 funding available for the purchase of a Zero Emission Vehicle (ZEV) with an EPA Smog Score of 10
 - \$2,000 funding available for the purchase of a Partial Zero Emission Vehicle (PZEV) with an EPA Smog Score of 8 or 9
- **DMV Grant Program (\$50k max. per project)** Projects include: Paving Dirt Roads to reduce fugitive dust emissions caused by vehicle travel, Installation of EV Charging Station or CNG refilling stations, Alternative Fuel Mechanics Training, Public Education Courses, and Innovative Vehicle-Related Emission Reduction Proposals accepted. **Applications opened annually. 2023 program closed March 9, 2023. Check the website in late 2023 for the next round of funding.**

Kern County Air Pollution Mitigation Fund for projects designed to reduce particulate or ozone air pollution in Kern and is administered by the Rose Foundation for Sierra Club. <https://rosefdn.org/kern-county-air-pollution-mitigation-fund>

State Programs

UpLift California Resource Guide – <http://upliftca.org/resource-finder/> Whether you're a community group looking to plant trees or expand clean transit, or a family looking to cut your electricity bill, find electric car rebates or get help with energy conservation, find out how California's climate investments can help you. UpLiftCA was created by The Greenlining Institute in partnership with several organizations involved in finding solutions for the impacts from air pollution and climate change on California's underserved communities.

Caltrans

- **Transportation Planning Resources** – <https://dot.ca.gov/programs/transportation-planning>
- **Sustainable Transportation Planning Grants FY 2023-2024** – Currently closed. Applications scheduled released in January 12, 2023 with a due date March 9, 2023. <https://dot.ca.gov/programs/transportation-planning/division-of-transportation-planning/regional-and-community-planning/sustainable-transportation-planning-grants>
- **Active Transportation Program (ATP)**-- <https://dot.ca.gov/programs/local-assistance/fed-and-state-programs/active-transportation-program> The California Transportation Commission (CTC) ATP Cycle 6 Call for Projects closed on March 16-17, 2022, and closed on June 15, 2022. For MPO-directed funding, the Kern COG process follows the statewide application process, using that process to score projects for Kern COG consideration. Kern COG announces the ATP Cycle funding to its member agencies via email and in technical advisory committee meetings. There is no schedule for Cycle 7 at this time.

Strategic Growth Council (SGC)

- **Affordable Housing and Sustainable Communities (AHSC)** Program make it easier for Californians to drive less by making sure housing, jobs, and key destinations are accessible by walking, biking, and transit. AHSC Round 7 application deadline was April 4, 2023. Awards were adopted August 7, 2023. <https://sgc.ca.gov/programs/ahsc/>
- **Transformative Climate Communities (TCC)** Program empowers the communities most impacted by pollution to choose their own goals, strategies, and projects to reduce greenhouse gas emissions and local air pollution. The SGC Round 5 application process closed on August 3, 2023, with awards scheduled to be approved by December 14, 2023. The TCC Program does not currently have funding allocated a sixth round of awards. <https://sgc.ca.gov/programs/tcc/>

California Housing and Community Development Department

- The California Department of Housing and Community Development (HCD) has a list of housing programs that currently have funding available: <https://www.hcd.ca.gov/grants-and-funding>
- Super NOFA-Announced May 2023 and closed July 12, 2023, combined four programs into one application: Multifamily Housing Program (MHP), Infill Infrastructure Grant (IIG) Program, Veteran's Housing and Homelessness Prevention (VHHP) Program, and Joe Serna, Jr. Farmworker Housing Grant (FWHG) Program.

California Natural Resources Agency - <https://resources.ca.gov/grants>

The California Natural Resources Agency Bonds and Grant unit administers various programs. They offer listserv registration for some program notifications. For instance, the Environmental Enhancement and Mitigation Program is an annual program (solicitation closed for 2023) offering grants to local, state and federal governmental agencies and to nonprofit organizations for projects to mitigate the environmental impacts caused by new or modified public transportation facilities. Visit the website to obtain information about the various programs (including an extensive 43-page list of “other” funding programs), project eligibility requirements and application due dates.

California Air Resources Board – <https://www.arb.ca.gov/ba/fininfo.htm>

Air Pollution Incentives, Grants and Credit Programs - Multiple granting programs. Visit the website to obtain project eligibility requirements and application due dates. It is recommended to join relevant listservs.

California Energy Commission - <https://www.energy.ca.gov/funding-opportunities>

The California Energy Commission offers a variety of funding opportunities to advance the state’s transition to clean energy and transportation through innovation, efficiency, and the development and deployment of advanced technologies. It is recommended to join relevant listservs.

Federal Programs

Federal Funding Opportunities: Visit the Federal grants portal and create an account using your agency’s Unique Entity Identifier (UEI). <https://www.grants.gov/>

United States Department of Energy | Energy Efficiency & Renewable Energy

|Alternative Fuels Data Center - Alternative Fuels Data Center:

<https://afdc.energy.gov/states/ca>

[California Transportation Data for Alternative Fuels and Vehicles:](https://afdc.energy.gov/states/ca) - Find transportation data and information about alternative fuels and advanced vehicles in California, including laws and incentives, fueling stations, fuel prices, and more.(
https://afdc.energy.gov/laws/state_summary?state=ca)

Federal Highways Administration | Bipartisan Infrastructure Law

- **Rebuilding American Infrastructure with Sustainability and Equity (RAISE)** provides grants for surface transportation infrastructure projects that will have a significant local or regional impact (aka Local and Regional Project Assistance). <https://www.transportation.gov/RAISEgrants>
- **Nationally Significant Multimodal Freight and Highway Projects (INFRA)** provides grants for multimodal freight and highway projects of national or regional significance. <https://www.transportation.gov/grants/infra-grants-program>
- **National Infrastructure Project Assistance Program (MEGA)** provides grants to surface transportation infrastructure that are too large or complex for traditional funding programs that will have a significant national or regional impact. <https://www.transportation.gov/grants/mega-grant-program>
- **Rural Surface Transportation Grant Program** provides grants for projects to improve and expand the surface transportation infrastructure in rural areas to increase connectivity, improve the safety and reliability of the movement of people

and freight, and generate regional economic growth and improve quality of life.

<https://www.transportation.gov/grants/rural-surface-transportation-grant>

- **Safe Streets and Roads for All** provides grants to support local initiatives to prevent transportation-related death and serious injury on roads and streets (commonly referred to as “Vision Zero” or “Toward Zero Deaths” initiatives).
<https://www.transportation.gov/SS4A>
- **Bridge Investment Program** provides grants for projects to improve the condition of bridges and culverts and the safety, efficiency, and reliability of the movement of people and freight over bridges. <https://www.fhwa.dot.gov/bridge/bip/index.cfm>
- **Reconnecting Communities Pilot Program – Planning Grants** provides grants for feasibility studies and other planning activities for projects to restore community connectivity by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development. <https://www.transportation.gov/grants/reconnecting-communities>
- **Reconnecting Communities Pilot Program — Capital Construction Grants** provides grants for projects to restore community connectivity by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development. <https://www.transportation.gov/grants/reconnecting-communities>
- **Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) Discretionary Grants** provides grants for activities that enable communities to address vulnerabilities to current and future weather events, natural disasters, and changing conditions, including sea level rise, and plan transportation improvements and emergency response strategies to address those vulnerabilities. <https://www.fhwa.dot.gov/environment/protect/discretionary/>
- **Tribal High Priority Projects Program** provides grants to Indian Tribes or a governmental subdivision of an Indian Tribe whose annual allocation of funding received under the Tribal Transportation Program is insufficient to complete the highest priority project of the Tribe, or to any Tribe that has an emergency or disaster occur on a Tribal transportation facility that renders the facility impassible or unusable. <https://www.whitehouse.gov/wp-content/uploads/2022/05/BUILDING-A-BETTER-AMERICA-V2.pdf#page=55>
- **National Electric Vehicle Infrastructure (NEVI) Set-aside Discretionary Grant** provides 10 percent set-aside each fiscal year to provide grants to provide additional assistance to strategically deploy EV charging infrastructure.
www.fhwa.dot.gov/bipartisan-infrastructure-law/nevi_formula_program.cfm
- **Charging and Fueling Infrastructure Grants Program (Community Charging)** provides grants for projects to develop electric vehicle charging and hydrogen, propane, and natural gas fueling infrastructure access along alternative fuel corridors throughout the country, including in rural areas, low- and moderate-income neighborhoods, and communities with a low ratio of private parking spaces to households or a high ratio of multiunit dwellings to single family homes.
<https://www.whitehouse.gov/wp-content/uploads/2022/05/BUILDING-A-BETTER-AMERICA-V2.pdf#page=144>
- **Nationally Significant Federal Lands and Tribal Projects (NSFLTP) Program** provides grants to Tribes and Federal land management agencies to complete projects that will provide substantial benefits to their communities or parklands.
<https://highways.dot.gov/federal->

[lands/programs/significant?_gl=1*v0k1gl*_ga*OTc5MTQ3MDczLjE2ODk3ODY3NzM.*_ga_VW1SFWJKBB*MTY4OTc5MDA4Ni4yLjEuMTY4OTc5MDA4OS4wLjAuMA..](#)

- **Wildlife Crossings Pilot Program** provides grants to support projects that seek to reduce the number of wildlife-vehicle collisions, and in carrying out that purpose, improve habitat connectivity for terrestrial and aquatic species.
<https://www.whitehouse.gov/wp-content/uploads/2022/05/BUILDING-A-BETTER-AMERICA-V2.pdf#page=133>
- **National Culvert Removal, Replacement, and Restoration Grants** provides grants to fund projects for the replacement, removal, and repair of culvert or weirs that would meaningfully improve or restore fish passage for anadromous fish.
<https://www.fhwa.dot.gov/engineering/hydraulics/culverthyd/aquatic/culvertaop.cfm>
- **Advanced Transportation Technologies and Innovative Mobility Deployment** (also known as Advanced Transportation Technology and Innovation (ATTAIN) Program) provides grants to deploy, install, and operate advanced transportation technologies to improve safety, mobility, efficiency, system performance, intermodal connectivity, and infrastructure return on investment.
https://ops.fhwa.dot.gov/bipartisan-infrastructure-law/index.htm?_gl=1*1oyfn7h*_ga*OTc5MTQ3MDczLjE2ODk3ODY3NzM.*_ga_VW1SFWJKBB*MTY4OTc5MDA4Ni4yLjEuMTY4OTc5MDM4My4wLjAuMA..
- **Accelerated Innovation Deployment (AID) Demonstration Program** provides grants to support the pilot/demonstration of innovations on projects, in areas such as planning, financing, operations, pavements, structures, materials, environment, and construction. <https://www.fhwa.dot.gov/innovation/grants/>

Note that the above listing of programs are not comprehensive and are subject to change. The listing is intended as an example resource guide of programs that can help implement the Kern region's Sustainable Communities Strategy.

Attachment 2 – How Sub Areas of Kern County are Doing on Reducing Vehicle Miles Traveled.

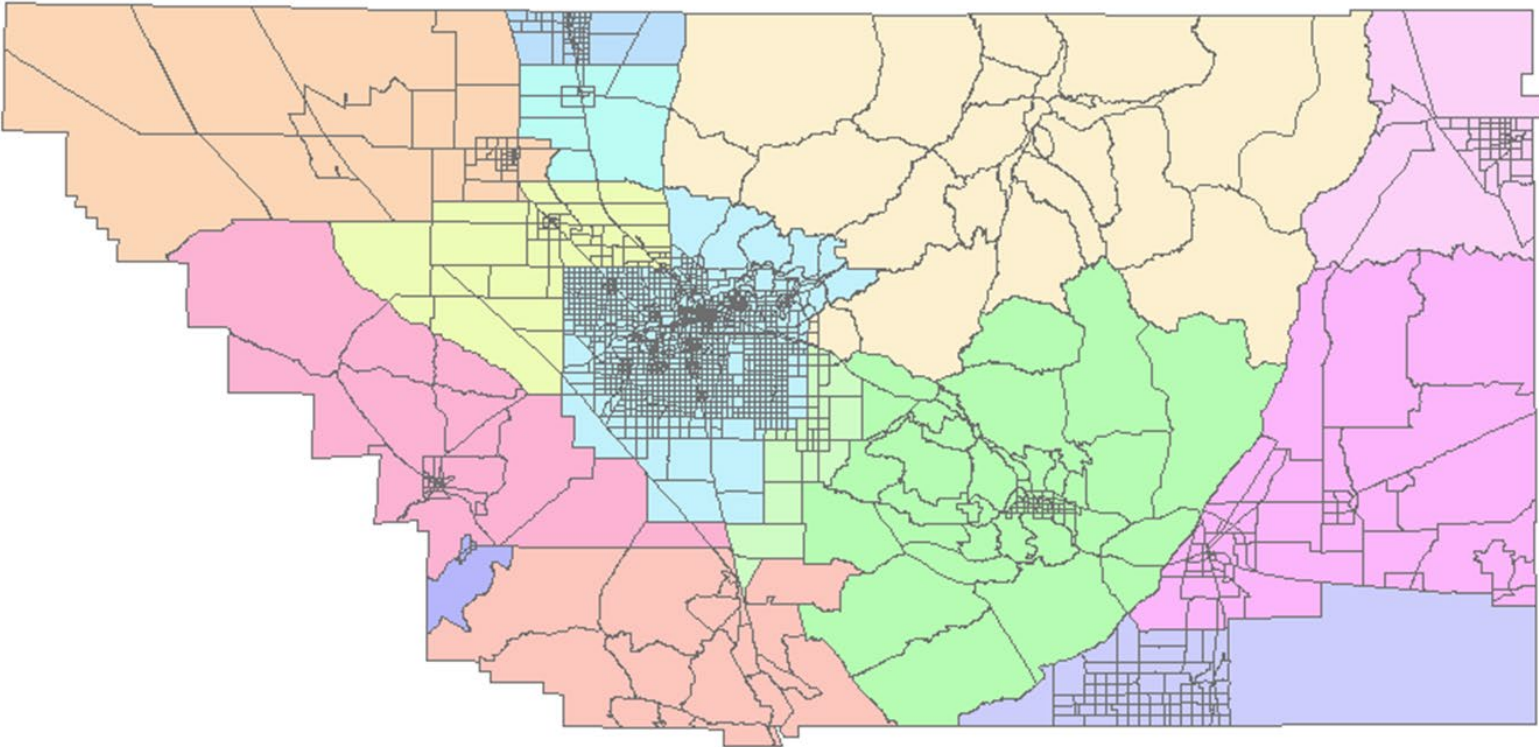
2022 RTP Change in Daily Auto Miles Traveled Compared to the Old Plan

	RSA VMT			Persons = Household Population + Employment (by place of work)			Auto Miles Traveled/Person			% Change from Base 2020		Progress Compared to Old Plan	
	2020	2046 Old Plan	2046 Plan	2020	2046 Old Plan	2046 Plan	2020	2046 Old Plan	2046 Plan	2046 Old	2046 Plan		
(miles)			(persons)			(miles/person)			(percent)				
1	Greater Taft	1,139,077	1,459,016	1,447,492	27,496	33,334	33,221	41.43	43.77	43.57	5.7%	5.2%	-0.5%
2	Greater McFarland	895,810	1,013,188	1,016,217	25,972	32,597	32,426	34.49	31.08	31.34	-9.9%	-9.1%	0.7%
3	Greater Wasco	1,477,836	1,804,142	1,771,176	38,691	53,046	52,749	38.20	34.01	33.58	-11.0%	-12.1%	-1.1%
4	Greater Tehachapi	1,588,962	1,966,921	1,920,689	40,884	54,914	54,224	38.87	35.82	35.42	-7.8%	-8.9%	-1.0%
5	Greater Bakersfield	15,674,973	19,140,950	19,128,176	792,093	1,011,853	1,016,113	19.79	18.92	18.82	-4.4%	-4.9%	-0.5%
6	Greater Cal City/Mojave	1,054,411	1,397,478	1,365,859	25,727	40,094	38,396	40.99	34.86	35.57	-15.0%	-13.2%	1.8%
7	Greater Lake Isabella	769,798	880,509	727,855	19,215	23,285	21,160	40.06	37.81	34.40	-5.6%	-14.1%	-8.5%
8	Greater Ridgecrest	775,055	802,517	736,566	49,742	58,629	58,265	15.58	13.69	12.64	-12.2%	-18.9%	-6.7%
9	Greater Frazier Park	955,022	2,570,839	3,468,996	13,788	46,682	65,164	69.26	55.07	53.24	-20.5%	-23.1%	-2.7%
10	Greater Shafter	2,173,354	3,022,792	3,057,541	47,887	73,573	73,203	45.39	41.09	41.77	-9.5%	-8.0%	1.5%
11	Greater Arvin	1,011,263	1,290,470	1,226,085	30,692	37,201	35,672	32.95	34.69	34.37	5.3%	4.3%	-1.0%
12	Greater Delano	1,626,396	1,720,906	1,703,981	63,266	72,919	72,297	25.71	23.60	23.57	-8.2%	-8.3%	-0.1%
13	Greater Maricopa	204,836	203,423	197,277	1,625	1,636	1,628	126.05	124.34	121.16	-1.4%	-3.9%	-2.5%
14	Greater Rosamond	870,768	966,958	977,382	32,894	41,336	42,061	26.47	23.39	23.24	-11.6%	-12.2%	-0.6%
	Total / Average:	30,217,561	38,240,107	38,745,291	1,209,973	1,581,100	1,596,578	24.97	24.19	24.27	-3.2%	-2.8%	0.3%
16	Gateway Travel	9,085,626	9,971,386	10,338,693									
	All Travel	39,303,187	48,211,493	49,083,984									

Note that this reporting is voluntary and for advisory purposes only. Future year values are estimated based on the latest land use assumptions and are updated every four years. These assumptions can vary widely from year to year based on recent changes in the local development activity and other variables. Although average travel per person includes areas outside each sub area (see spider diagram maps below), they do not include travel outside the county, possibly skewing the results of sub areas nearer the edge of the County. The analysis shows that Bakersfield and Ridgecrest have the lowest travel per person possibly because these regions are fairly self-contained having sufficient amenities such as hospitals. The 2022 RTP/SCS is the first to be accepted in the San Joaquin Valley by the California Air Resources Board and demonstrates that Kern is on track to make state GHG targets for passenger vehicle travel if fully implemented.

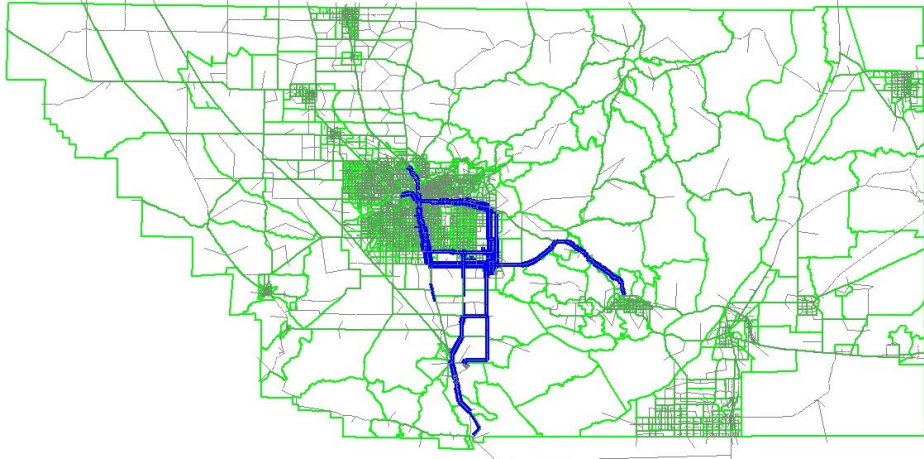
Attachment 3 – Map of Sub Areas

Transportation Analysis Zones (TAZs) by Regional Statistical Areas (RSAs)

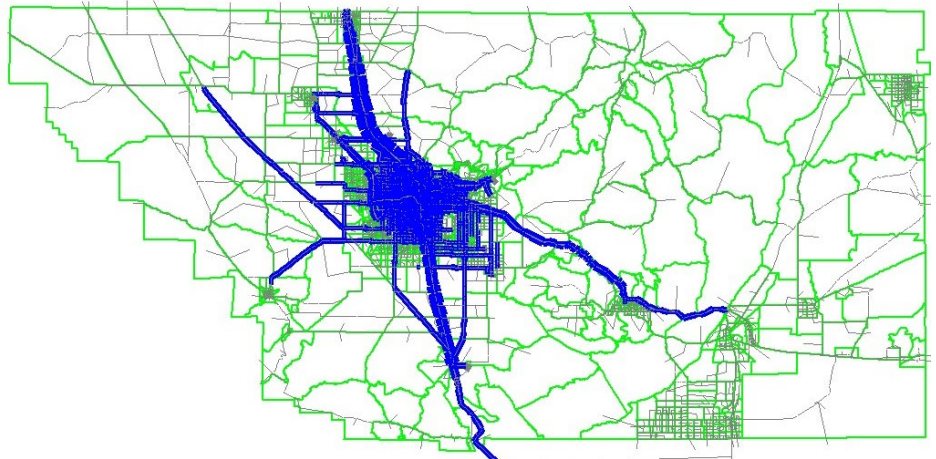


- | | | | |
|-------------------------|-----------------------|--------------------|-------------------|
| Greater Arvin | Greater Frazier Park | Greater Ridgecrest | Greater Taft |
| Metro Bakersfield | Greater Lake Isabella | Greater Rosamond | Greater Tehachapi |
| Greater Cal City/Mojave | Greater Maricopa | Greater Shafter | Greater Wasco |
| Greater Delano | Greater McFarland | | |

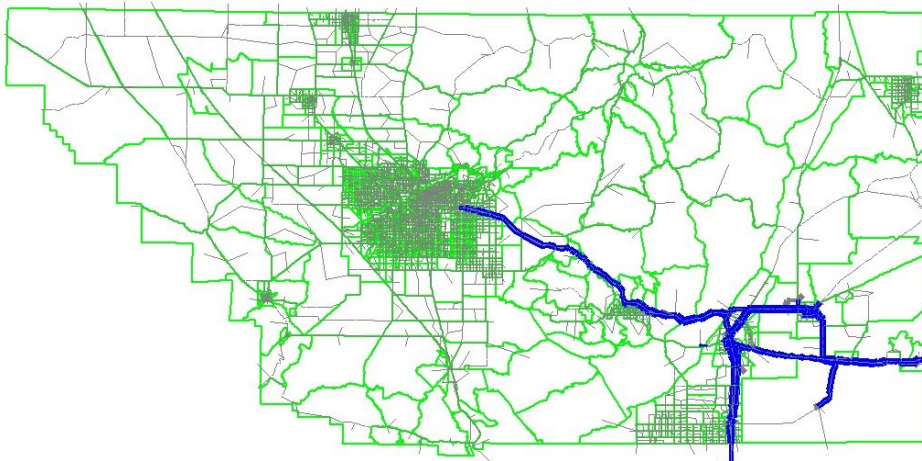
Greater Arvin



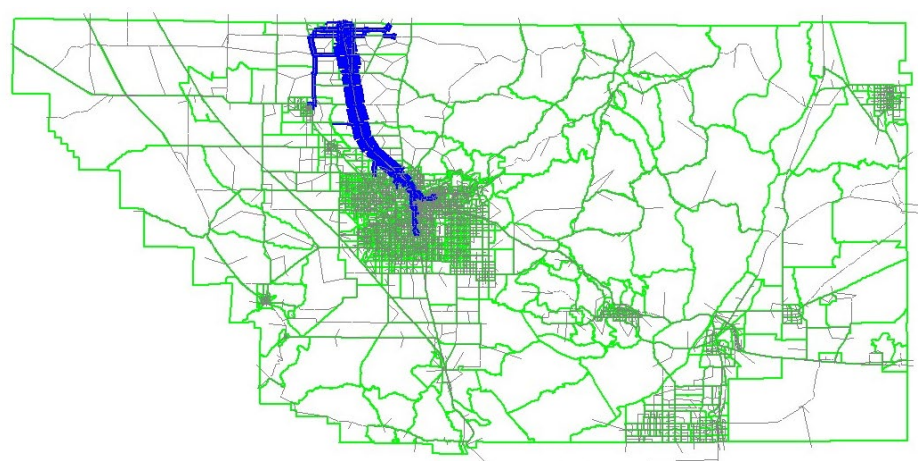
Greater Bakersfield



Greater California City / Mojave

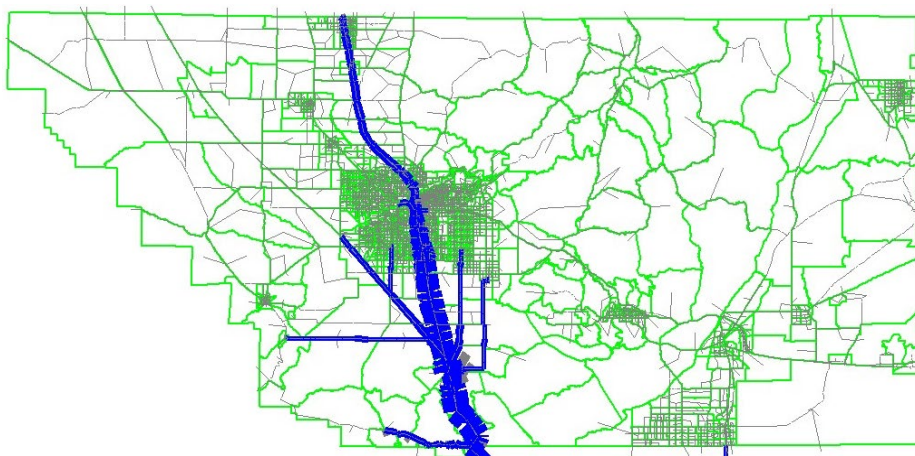


Greater Delano

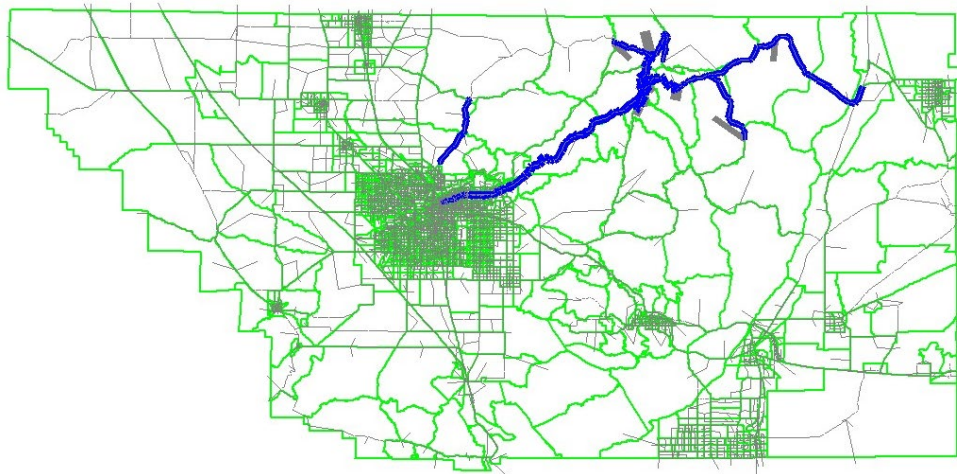


Dark blue bandwidths represent the relative traffic volume along modeled roadways originating and/or destined from each sub area or grouping of Transportation Analysis Zones (TAZs). TAZs are represented by the green boundaries. The sub area volumes are shown in attachment 2. Note that traffic traveling between sub areas is counted more than once in attachment 2 resulting in a higher total volume when summed due to double counting of the overlapping trips.

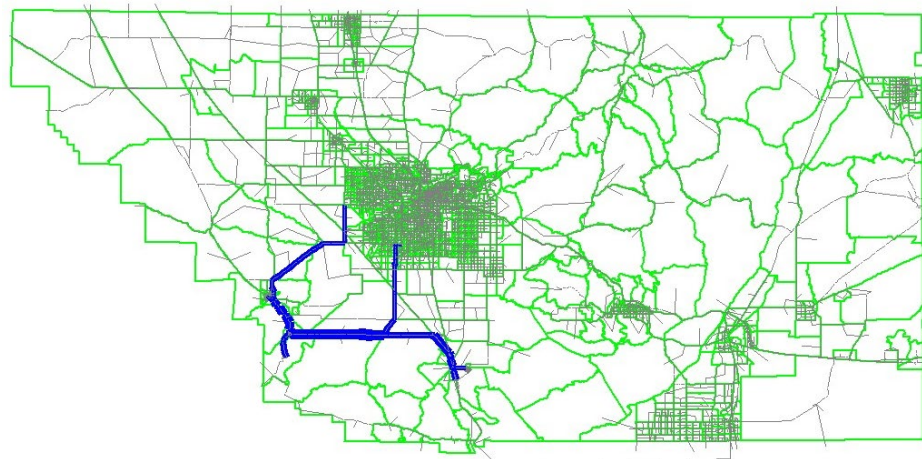
Greater Frasier Park



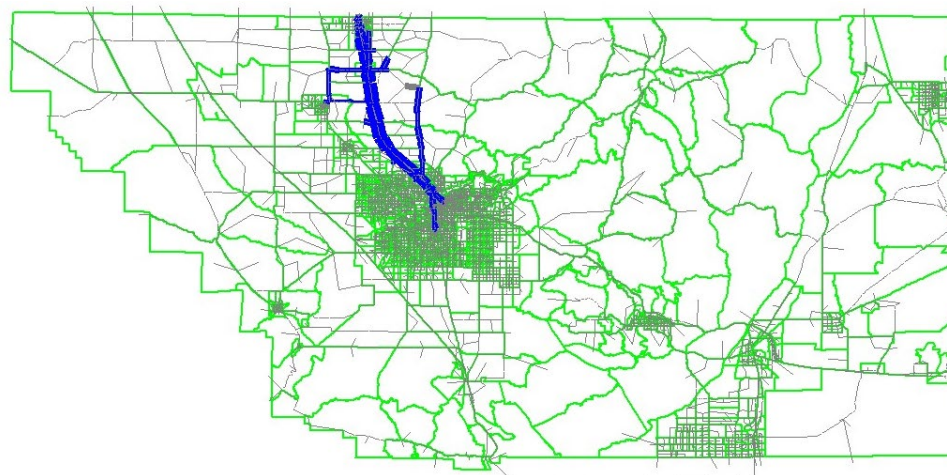
Greater Lake Isabella



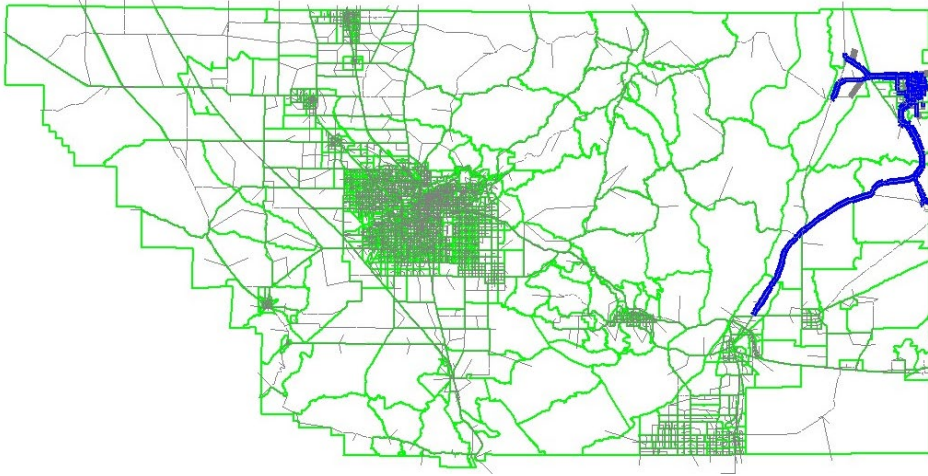
Greater Maricopa



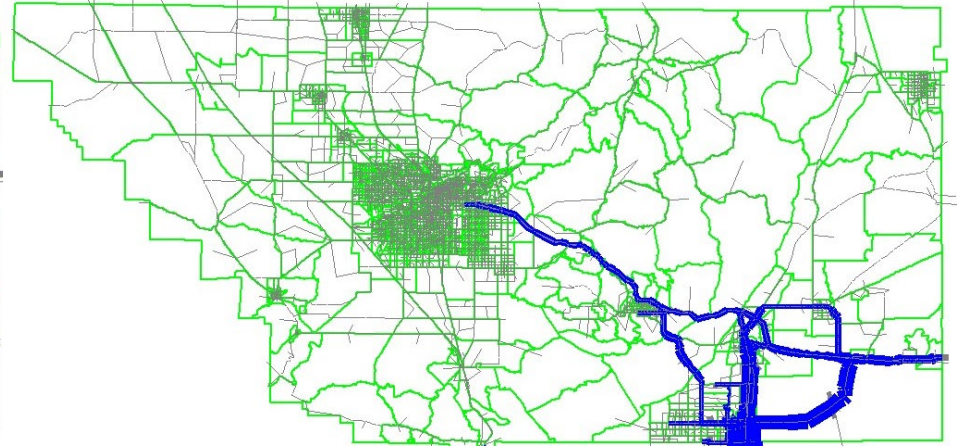
Greater McFarland



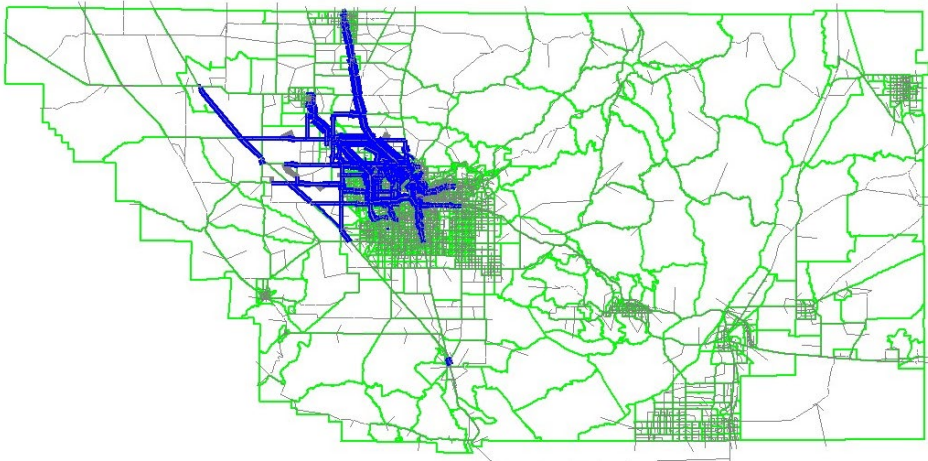
Greater Ridgecrest



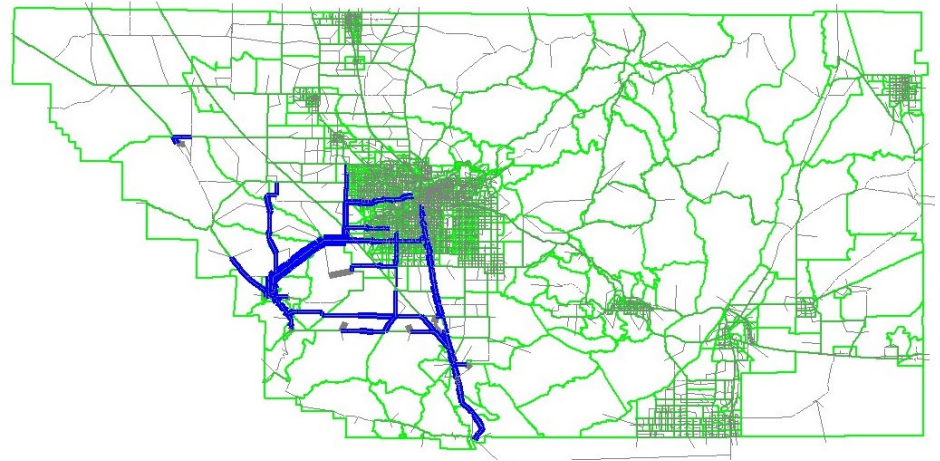
Greater Rosamond



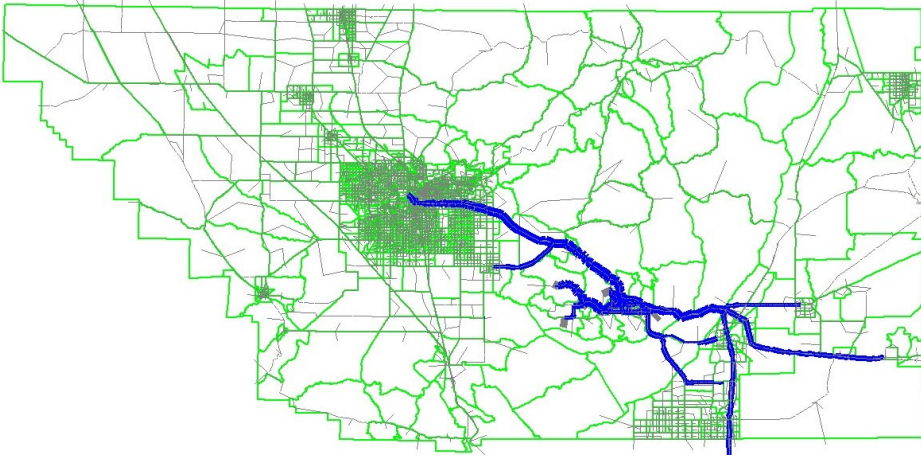
Greater Shafter



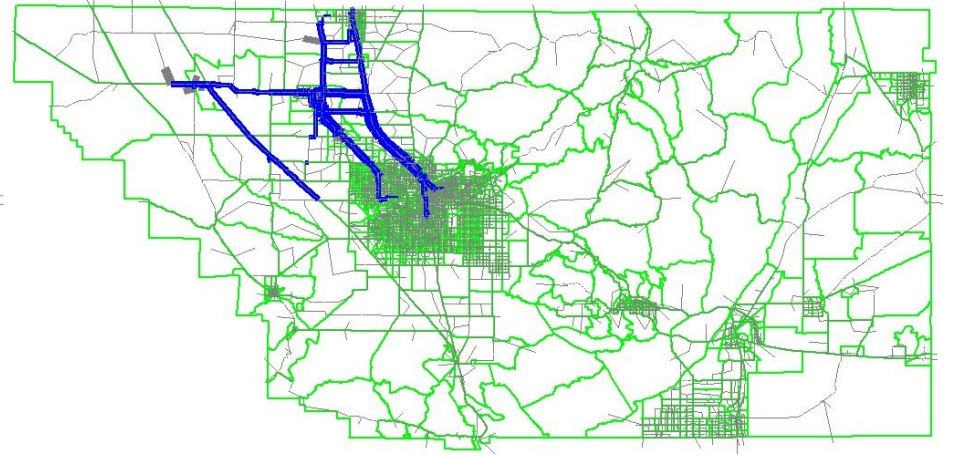
Greater Taft



Greater Tehachapi



Greater Wasco



III. Information

KERN COUNCIL OF GOVERNMENTS **GRANTFINDER** **DEMONSTRATION WORKSHOP**

September 13, 2023 1:30pm to 2:30pm PST via Microsoft TEAMS and in-person at Kern Council of Governments. The speakers will be presenting remotely.

GrantFinder is an easily searchable grants database housing over 10,000 unique federal, state, corporate, and foundation grant opportunities. In this webinar you'll learn how to search for applicable opportunities, create custom grant alerts emails based on your projects, and track grant deadlines on your calendars.

Kern COG has contracted on behalf of Kern COG and its member agencies for up to 25 licensed users of GrantFinder software (www.grantfinder.com) for the period May 31, 2023 through May 30, 2024. That allows one user for Kern COG and two users per member agency.

Kern COG member agencies identify their own personnel to hold a GrantFinder license. Agency personnel set their own login and passwords. Agencies manage their own grant searches and applications.

Speakers: Matt Wilson, Customer Success Manager, 469-731-0797

Carrie Schneider, GrantFinder Sr. Account Executive, 469-553-0641

Contact: Linda Urata, 661-635-2904 or 661-342-8262



How to join the meeting!

Please join the meeting in person in the Kern COG Board Room (1401 19th Street, Suite 300, Bakersfield) OR from your location via online access.

Join Microsoft TEAMS meeting on your computer, mobile app or room device

[Click here to join the meeting](#)

Meeting ID: 240 149 387 068

Passcode: RffgFM

[Download Teams](#) | [Join on the web](#)

Or call in (audio only)

[+1 323-813-7062,56323021#](#) United States, Los Angeles

Phone Conference ID: 563 230 21#

[Find a local number](#) | [Reset PIN](#)

[Learn More](#) | [Meeting options](#)

GrantFinder License Request

Licensed User #1

Agency _____

Department _____

First Name _____

Last Name _____

Title _____

Cell Phone _____ Work Phone _____

Email _____

Optional: Licensed User #2

Agency _____

Department _____

First Name _____

Last Name _____

Title _____

Cell Phone _____ Work Phone _____

Email _____

Manager's Name and Title _____

Manager's Signature & Date _____

Kern Council of Governments has contracted for up to 25 licensed users of GrantFinder Software (www.grantfinder.com) for the period June 2022 through May 2023. We will renew the license to extend to May 2024.

Kern COG will administer the contract and reserve two licenses for its use. The remaining licenses will be issued as follows: (a) up to 2 per member agency. Any remaining licenses will be issued as follows: (b) Public Transit Agencies in Kern County. All requests considered on a case-by-case basis and are subject to the approval of the Executive Director. The licenses will be issued annually, pending renewal of the contract between Kern COG and GrantFinder. Agencies assigned a license by Kern COG must comply with GrantFinder user agreements and may be asked to renew their request to Kern COG annually. Contact Linda Urata, 661-635-2904 with any questions regarding this program.

Please return this form to Linda Urata via email: lurata@kerncog.org