AGENDA

City/County Manager's Technical Advisory Committee

Thursday, June 1, 2023

10:00 AM

LOCATION:

San Bernardino County Transportation Authority
First Floor Lobby Board Room
1170 W. 3rd Street, San Bernardino, CA 92410

TELECONFERENCE LOCATIONS:

Needles City Administration & Utility Office
817 3rd Street, Needles, CA 92363

Big Bear Lake City Hall
39707 Big Bear Blvd., Big Bear Lake, CA 92135

Call to Order

Attendance

Council of Governments

1. **Election of Officers for the City/County Manager's Technical Advisory Committee – Otis Greer, SBCTA**

   The term of office for Ray Casey, Yucaipa has ended and a new chair and vice chair need to be selected. Past practice has been for the vice chair, currently Keith Metzler, Victorville to become the new chair and for the City/County Technical Advisory Committee to select a new vice chair. That notwithstanding, Vice Chair Metzler wanted to open up the Chair Role to the floor in the event other City Managers were interested in serving the vacated role. The term is for two years.

2. **2023 Inland Regional Energy Network (I-REN) Program Update – Cheryl Chesnut, SBCOG**

   Receive a presentation and information about the current I-REN Program offerings including: I-REN Orientations, I-REN Energy Fellows Program, and an announcement about the June 7, 2023 I-REN Codes & Standards Training.

   - The I-REN Orientations were announced during the May 3, 2023 San Bernardino Council of Governments (SBCOG) Board of Directors Meeting. The I-REN Team will be providing nine (9) in-person orientations throughout the San Bernardino County Region.

1170 W. 3rd Street, 2nd Floor
San Bernardino, CA 92410-1715

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       The I-REN Orientation Workshops will discuss the various challenges agencies are facing with Energy Efficiency Implementation and there will be information provided about the resources available from the I-REN Team. A flyer is attached providing an overview of the I-REN Program.

- The I-REN Energy Fellows are scheduled to start in September 2023, and the I-REN Team is looking for member agencies who may be interested in hosting a fellow at no cost to the agency. The I-REN Energy Fellows program represents a unique opportunity for local jurisdictions to have the ability to move forward with energy efficiency projects and initiatives with the assistance of an energy fellow. In addition, the experience provided to an energy fellow helps prepare the next generation of talented energy professionals to work in the energy sector.

- On June 7, 2023, there will be a Codes & Standards virtual training session available providing an overview regarding nonresidential energy code changes. This virtual training will be provided courtesy of the I-REN Program.

Attachment No. 1: Pg. 5
Attachment No. 2: Pg. 10

3. Small Business Study Update – Taylor Libolt Varner, Amplify Communities

Receive a presentation on a status update of a study commissioned to identify options for assisting small businesses with accessing local government contracts and completing them successfully.

Attachment No. 1: Pg. 11

4. SBCOG Work Plan Update – Monique Arellano, SBCOG

Receive a presentation on a status update of the 2018 SBCOG Work Plan and recommendations for projects and programs for the next 2 years as discussed by the City County Manager's Technical Advisory Committee Ad Hoc in 2022.

Attachment No. 1: Pg. 15

5. SBCTA/SBCOG Grant Update – Monique Arellano, SBCOG and Steve Smith, SBCTA

Receive a presentation on an update of the grant programs of SBCOG and SBCTA.

Attachment No. 1: Pg. 25

6. Update on the Smart County Master Plan (SCMP) – Monique Arellano, SBCOG

Receive a presentation on a status update of the Early Action Plan, outreach, and the look-ahead for the SCMP.

Attachment No. 1: Pg. 30

Public Comment

Brief Comments from the General Public

ADJOURNMENT

The next meeting of the City/County Manager's Technical Advisory Committee is scheduled for **August 3, 2023.**

Meeting Procedures and Rules of Conduct

Meeting Procedures - The Ralph M. Brown Act is the state law which guarantees the public's right to attend and participate in meetings of local legislative bodies. These rules have been adopted by the Board of Directors in accordance with the Brown Act, Government Code 54950 et seq., and shall apply at all meetings of the Board of Directors and Policy Committees.

Accessibility - The meeting facility is accessible to persons with disabilities. If assistive listening devices or other auxiliary aids or services are needed in order to participate in the public meeting, requests should be made through the Clerk of the Board at least three (3) business days prior to the Board meeting. The Clerk can be reached by phone at (909) 884-8276 or via email at clerkoftheboard@gosbcta.com and office is located at 1170 W. 3rd Street, 2nd Floor, San Bernardino, CA.

Agendas – All agendas are posted at www.gosbcta.com/board/meetings-agendas/ at least 72 hours in advance of the meeting. Staff reports related to agenda items may be reviewed online at that web address. Agendas are also posted at 1170 W. 3rd Street, 1st Floor, San Bernardino at least 72 hours in advance of the meeting.

Agenda Actions – Items listed on both the "Consent Calendar" and "Discussion" contain recommended actions. The Board of Directors will generally consider items in the order listed on the agenda. However, items may be considered in any order. New agenda items can be added and action taken by two-thirds vote of the Board of Directors or unanimous vote of members present as provided in the Ralph M. Brown Act Government Code Sec. 54954.2(b).

Closed Session Agenda Items – Consideration of closed session items excludes members of the public. These items include issues related to personnel, pending litigation, labor negotiations and real estate negotiations. Prior to each closed session, the Chair will announce the subject matter of the closed session. If action is taken in closed session, the Chair may report the action to the public at the conclusion of the closed session.

Public Testimony on an Item – Members of the public are afforded an opportunity to speak on any listed item. Individuals wishing to address the Board of Directors or Policy Committee Members should complete a "Request to Speak" form, provided at the rear of the meeting room, and present it to the Clerk prior to the Board's consideration of the item. A "Request to Speak" form must be completed for each item an individual wishes to speak on. When recognized by the Chair, speakers should be prepared to step forward and announce their name and address for the record. In the interest of facilitating the business of the Board, speakers are limited to three (3) minutes on each item. Additionally, a twelve (12) minute limitation is established for the total amount of time any one individual may address the Board at any one meeting. The Chair or a majority of the Board may establish a different time limit as appropriate, and parties to agenda items shall not be subject to the time limitations. Members of the public requesting information be distributed to the Board of Directors must provide 40 copies of such information in advance of the meeting, except for noticed public hearings. Information provided as public testimony is not read into the record by the Clerk.

The Consent Calendar is considered a single item, thus the three (3) minute rule applies. Consent Calendar items can be pulled at Board member request and will be brought up individually at the specified time in the agenda allowing further public comment on those items.

Agenda Times – The Board is concerned that discussion take place in a timely and efficient manner. Agendas may be prepared with estimated times for categorical areas and certain topics to be discussed. These times may vary according to the length of presentation and amount of resulting discussion on agenda items.

Public Comment – At the end of the agenda, an opportunity is also provided for members of the public to speak on any subject within the Board's authority. Matters raised under "Public Comment" may not be acted upon at that meeting. "Public Testimony on any Item" still applies.

Disruptive or Prohibited Conduct – If any meeting of the Board is willfully disrupted by a person or by a group of persons so as to render the orderly conduct of the meeting impossible, the Chair may recess the meeting or order the person, group or groups of person willfully disrupting the meeting to leave the meeting or to be removed from the meeting. Disruptive or prohibited conduct includes without limitation addressing the Board without first being recognized, not addressing the subject before the Board, repetitiously addressing the same subject, failing to relinquish the podium when requested to do so, bringing into the meeting any type of object that could be used as a weapon, including without limitation sticks affixed to signs, or otherwise preventing the Board from conducting its meeting in an orderly manner. Your cooperation is appreciated!

Inland Regional Energy Network (I-REN) Program Update

Presented By: Cheryl Chesnut, Energy Project Manager
San Bernardino Council of Governments (SBCOG)

Presentation Topics

I. Orientation Overview and Update

II. Workforce Education & Training (WE&T) Energy Fellows Overview and Update

III. Codes & Standards Training Session June 7, 2023 Overview and Update

IV. Next Steps

Orientation Overview

- Address the Energy Efficiency Project Implementation Challenges.

- Learn about I-REN resources to help with Energy Efficiency Project Development.

- Introduction to the three core I-REN Programs: Public Sector, Workforce Education & Training, Codes & Standards.

- Discussion about member agency energy efficiency projects.

- Who should attend: Building and Safety Staff, Planning Staff, Sustainability Staff, Building Maintenance Staff, and Staff involved in Energy Efficiency

- **Lunch will be provided courtesy of I-REN**

I·REN
iren.gov

Agenda

Introduction to I-REN

Round Table Introductions

Public Sector Overview – The Energy Coalition
- Technical Assistance and Strategical Energy Planning Services

Break

Building Upgrade Concierge (BUC) Software Demonstration – Alternative Energy Systems Consulting (AESC)
- Data Request Forms

Break

Codes & Standards Overview – Frontier Energy
- Technical Assistance and Trainings

Lunch
- Local Government Sustainable Energy Coalition (LGSEC) Membership Presentation

Workforce, Training, & Education (WE&T) Overview
- I-REN Energy Fellowship

Closing
- Forms
- Follow Up & Contact Info
- Raffle

The Coachella Valley Association of Governments and San Bernardino Council of Governments have partnered with the Western Riverside Council of Governments to develop I-REN to serve the cities and communities of our region.

WORKFORCE EDUCATION & TRAINING (WE&T) OVERVIEW

I·REN
INLAND REGIONAL ENERGY NETWORK

GOAL : Ensure there is a trained workforce to support and realize energy efficiency savings goals across sectors.

STRATEGY: Develop job pathways to help bridge the gap between energy industry and workforce

BENEFIT : Improve access to training opportunities in person, online, and in the field

NO COST FOR PARTICIPATING HOST AGENCIES

I-REN ENERGY FELLOWSHIP

I-REN FELLOWSHIP OVERVIEW

NO CHARGE TO MEMBER AGENCIES

Partnership with CivicSpark an AmeriCorps Program

Up to 27 Fellows Every Year

I-REN Fellows work approximately 1,700 hours for 11 months.

HOST AGENCY REQUIREMENTS

Workspace

Equipment
Site Supervisor Committed to Professional Growth

PROJECT MENU SAMPLING

Building Benchmarking

Facility Audits

Building Inventories

Billing Rate Analysis

Community Outreach
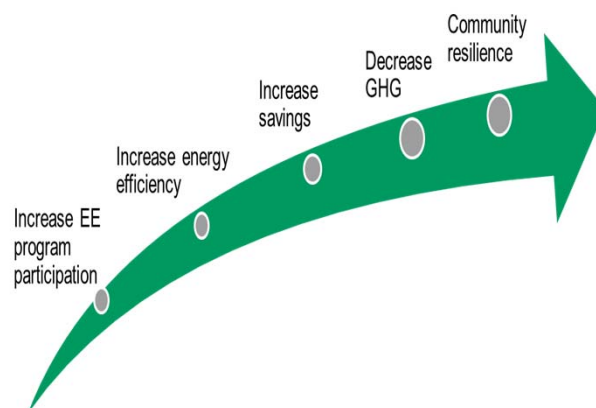**Climate Action Plans, Energy Action Plans, Capital Improvement Plan, Etc.**

Codes & Standards Sector Overview

- Training and Resources to help explain energy code requirements and streamline permitting processes

- Local building department staff, contractors, builders, architects, and other trades

Increase EE program participation

Increase energy efficiency

Increase savings

Decrease GHG

Community resilience

CODES & STANDARDS TRAINING SESSION JUNE 7, 2023

- Upcoming Webinar: Overview of Nonresidential Energy Code Changes

- In this course, attendees will receive a comprehensive review of the modifications made to the Energy Code for nonresidential buildings in 2022. This includes alterations to both the energy code's framework and compulsory provisions, as well as adjustments to performance and prescriptive requirements.

- When: June 7, 2023 | 9am–10:30am |

- Registration Link https://zoom.us/webinar/register/WN_icnYPQ OKSJWKhZr51caNQQ#/registration

NEXT STEPS

I-REN Orientation

I-REN Energy Fellows

Codes & Standards Training

CONTACT INFORMATION

Cheryl Chesnut, MS, MPA
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cchesnut@gosbcta.com

Thank You!

INLAND REGIONAL ENERGY NETWORK

I-REN is your premier resource for energy efficiency.

The Inland Regional Energy Network (I-REN) connects the workforce industry, local governments, and other stakeholders to a wide range of energy efficiency resources. Our aim is to provide equitable access to all the benefits of energy efficiency, including cost savings, throughout Riverside and San Bernardino counties.

WHO WE ARE

The Coachella Valley Association of Governments and San Bernardino Council of Governments have partnered with the Western Riverside Council of Governments to develop I-REN to serve the cities and communities of our region.

OUR PROGRAMS

Public Sector Program

We build capacity and knowledge to enable local governments to effectively leverage energy efficiency services and to demonstrate best practices. I-REN takes a comprehensive approach in helping local and State agencies to complete energy efficiency projects. From designing performance specifications to project completion, we offer a suite of services to help identify energy-saving measures and work alongside agency staff—at no additional cost.

Workforce Education and Training Program

We will support various workforce and education programs to encourage and realize energy efficiency goals across sectors. This program provides training, tools, and opportunities for diverse participants in disadvantaged communities to pursue careers and contract opportunities in energy efficiency. I-REN plans to deploy up to 27 fellows every year to support public sector agencies with their energy efficiency initiatives within municipal operations and through outreach and engagement within the communities.

Codes and Standards Program

We work closely with local building departments and the building industry to support, train, and enable long-term streamlining of energy code compliance. I-REN implements a dynamic and targeted set of programs to assist local government agencies in better understanding and enforcing building codes.

GET IN TOUCH • Please reach out to your COG representative or visit **iren.gov** to learn more.

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Attachment No. 1 to Agenda Item No. 3
Small Business Study Update
(PowerPoint)

SBCTA/SBCOG Small and Local Business & Procurement Research Update

City Manager Technical Advisory Meeting
June 1, 2023

AGENDA

- Project Goals and Scope of Work Review

- Progress Update and Preliminary Findings

- September CMTAC Procurement Focus Group

- Research Next Steps

Project Goals

1. Advance SBCTA/SBCOG's commitment to study, track, and improve equity outcomes for communities across the County (Joint Policy on Equity, 2021)

2. Understand the public agency procurement/contracting environment in San Bernardino County, including the barriers to entry and available resources to increase access for small and local businesses

3. Identify small business provider partners, model programs, and best practices to inform a potential small and local business program for the County

Progress Updates

- Completed online procurement scan for all member jurisdictions

- Developed procurement database (e.g., regulations, contact information, resources)

- Conducted focus groups with small business providers

Early Findings – Key Issues

- Navigating the procurement process is difficult to navigate for small businesses.

- In San Bernardino County, there are 20+ websites with different procurement regulations and requirements.

- Small businesses need specialized training and support to succeed at accessing procurement opportunities.

- Access to capital and payment delays are hurdles (even after winning contracts).

Early Findings - Opportunities

- A strong network of small business service providers that provide capacity building (e.g., technical assistance, lending, resources) already exists.

- Small business providers are interested in improving access to public procurement opportunities.

- Local small business providers are developing pilots to improve access to State procurement opportunities. This is an opportunity to scale this work locally.

- Procurement is a relationship-driven system — jurisdictions should build relationships with small business technical assistance providers.

Next Steps

- Deeper dive focus groups with small business groups and providers on critical gaps
- Focus group during September 2023 CMTAC meeting
  - Bring your procurement expert to the meeting!

Council of Governments Update

Monique Arellano
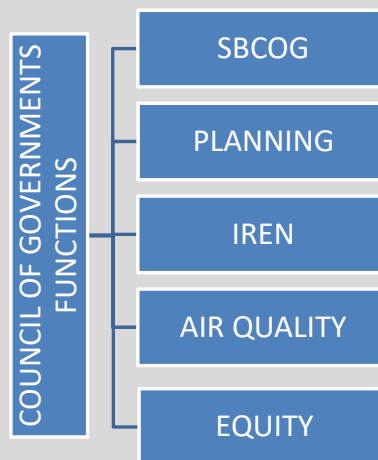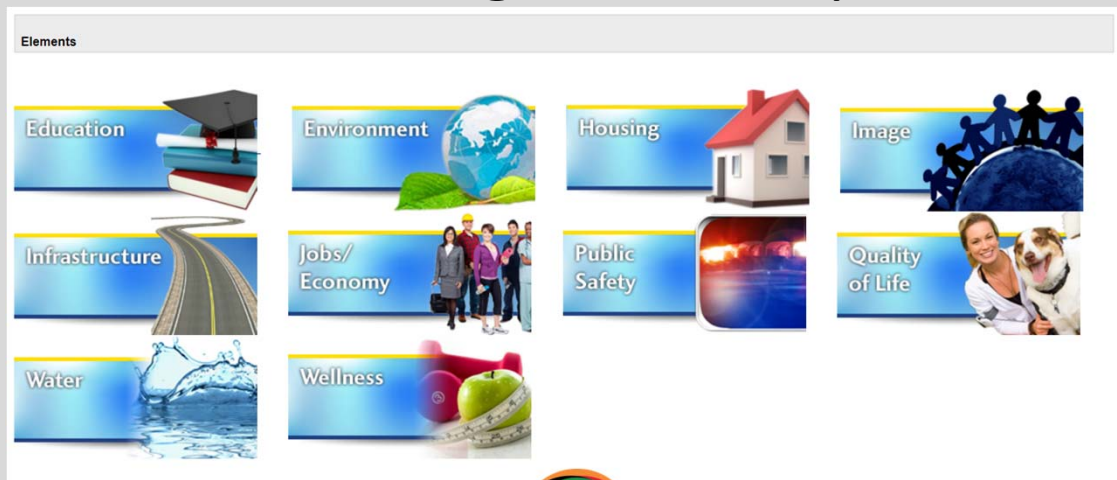### Council of Governments and Equity Programs Manager

Quick COG History

- 2017 – Board Hired new COG Administrator position
  - Board divided on
    - What is COG
    - Is COG needed
    - Weighted Votes
    - Is there anything for COG to do?
    - What will the COG do that's not already being done?

Existing Plan Recap

Elements

COUNCIL OF GOVERNMENTS FUNCTIONS

- SBCOG
- PLANNING
- IREN
- AIR QUALITY
- EQUITY

COG Functions

- SBCOG Operating Budget: $690,9156 avg for FY 23-25
  - COG Dues are consistently less than operating budget
  - Budget heavily supplemented through grants, project cost sharing, and partnering
- Equity Operating Budget: $250,000 FY 23-25
  - SBCTA Indirect Fund

- Housing Trust Operating Budget: $ 315,000 FY 23-24
  - Operating budget revenues through cost share of members
- I- REN Operating Budget: $750,000 FY 23-24
  - Operating budget through IREN program allocation
- Air Quality Operating Budget: $927,551 FY 23-24
  - MSI Admin and Local Projects funds

SBCOG Program Budgets

COG Work Plan and Budget		1	2	3	4	5	6
	Program/ Project	Total Cost	SBCTA	Partners	Grant Funds	COG	Funding Nee
1	Optimizing Emergency Medical Services in San Bernardino County	$ 300,000		$ 150,000		$ 150,000	$ -
2	Workforce Resource ID and Toolkit	$ 130,000				$ 130,000	$ -
3	Housing Strategic Plan and Summit	$ 300,000				$ 300,000	$ -
4	CASE/School District Coordination	$ 50,000				$ 50,000	$ -
5	Speaker Series - Partnership with WRCOG	$ 25,000				$ 25,000	$ -
6	Broadband Needs Assessment	$ 90,000				$ 90,000	$ -
7	Internship Program Plan	$ 100,000				$ 100,000	$ -
8	Shared Services Program Plan	$ 200,000				$ 200,000	$ -
9	Policy Toolkit for Healthy Communities Strategy Implementation	$ 150,000				$ 67,000	$ 83,000
10	Healthy Development Checklist 2.0	$ 150,000					$ 150,000
11	Local Staff Training/Collaboration	$ 25,000					$ 25,000
12	Regional/BiCounty Healthy Communities Summit	$ 25,000					$ 25,000
13	SB 1000 (EJ)	$ 150,000					$ 150,000
14	IEGO	$ -				$ -	$ -
15	Summer Meals Partnership	$ -				$ -	$ -
16	Census 2020	$ -				$ -	$ -
17	Alignment SBC	$ -				$ -	$ -
18	California Association of Councils of Government	$ -				$ -	$ -
19	Countywide Transformation Plan	$ -				$ -	$ -
20	Green House Gas Reduction Plan	$ 400,635			$ 400,635		$ -
21	Countywide Habitat Preservation	$ 400,000		$ 220,000	$ 30,000		$ 150,000
22	Climate Adaptation	$ 600,000			$ 600,000	$ -	$ -
23	ZEV	$ 170,000			$ 170,000		$ -
24	Forest Management Plan	$ 266,000		$ 190,000		PB (76500)	$ -
25	Open Data Portal Dashboard	$ 50,000			$ 30,000	$ 20,000	$ -
26	Marketing	$ 75,000				$ 75,000	$ -
27	Grant Writing (Existing Contract)	$ 379,500				PB (379,500)	$ -
28	Grant Writing (new 2 year contract in 2019)	$ 285,000	$ 142,500			$ 142,500	$ -
		$ 4,321,135	$ 142,500	$ 560,000	$ 1,230,635	$ 1,349,500	$ 583,0

Existing Plan Recap

Major Accomplishments since 2018

- Seeming consensus on utility of COG among the Board

- Established a good rapport with the City/County Managers TAC
  - COG Advisory Group obsolete

- Established collaborative nature of SBCOG efforts

Plans, Programs, Projects since 2018

- ECNS Program Establishment and Marketing
- Housing Legislation Monitoring/Reporting 2017/2018 and 2021
- Forest Management Plans
- Automation Study
- Workforce Development Program Inventory
- Coordination of agency efforts during pandemic
- Emerging Technology Ad Hoc Support
- Smart County Master Plan Initiation
- Equity Programs and Planning through Ad Hoc
- Regional Equity Study
- Outdoor Equity Program

COG Work Plan and Budget

	Program/ Project	2023 Status
1	Optimizing Emergency Medical Services in San Bernardino County	Completed
2	Workforce Resource ID and Toolkit	Automation Study and Resource Inventory Completed
3	Housing Strategic Plan and Summit	Ongoing Housing Legislative updated and Implementing Housing Trust
4	CASE/School District Coordination	SBCOG provided forum for CASE at CCMTAC
5	Speaker Series - Partnership with WRCOG	Has not moved forward yet.
6	Broadband Needs Assessment	Implementing Smart County Master Plan
7	Internship Program Plan	Implementing through IREN
8	Shared Services Program Plan	Will be explored through Smart County Master Plan
9	Policy Toolkit for Healthy Communities Strategy Implementation	Completed through SB 1000
10	Healthy Development Checklist 2.0	Did not move forward
11	Local Staff Training/Collaboration	As programs require - examples: ECNS outreach, IREN
12	Regional/BiCounty Healthy Communities Summit	Completed 2018
13	SB 1000 (EJ)	Will be complete June 2023
14	IEGO	Ongoing
15	Summer Meals Partnership	Complete
16	Census 2020	Complete
17	Alignment SBC	Ongoing
18	California Association of Councils of Government	Ongoing through Legislative Team
19	Countywide Transformation Plan	Complete
20	Green House Gas Reduction Plan	Complete
21	Countywide Habitat Preservation	RCIS submitted
22	Climate Adaptation	Complete
23	ZEV	Complete
24	Forest Management Plan	Complete, imlementing last outreach meeting 6/2023
25	Open Data Portal Dashboard	Implementing through SB 1000
26	Marketing	Ongoing
27	Grant Writing (Existing Contract)	Complete
28	Grant Writing (new 2 year contract in 2019)	Ongoing

Project/Program Status Update

Moving Forward

- Only forum for collaboration across political boundary lines
- Issues, concerns, challenges in jurisdictions are likely faced by multiple jurisdictions
- No specific Mission Statement/Goals established by the Board
  – Countywide Vision to unify efforts/establishes foundation of the COG

- Budget is tight – Staff Time Prioritized
  – Specific projects will need to be funded through partners and grants
- Respond to federal and state grants
- FLEXIBILITY

Work Plan Lessons Learned

Proposed SBCOG/Equity
Work Plan 2022

- Housing Trust – Housing Element
  - Regional effort driven by CCMTAC to bring housing funds to the region
  - Ongoing staff time once program underway
  - Currently Drafting Administrative Plan, JPA and Resolution Language
  - Significant work to start up

Proposed SBCOG/Equity
Work Plan 2022

- Smart County Master Plan – Education, Jobs/Economy, Infrastructure Elements
  - Regional effort driven by County to create a strategy to improve communications and technology across the region
  - Ongoing staff time
  - Currently creating Early Action Plan, and full Strategic Plan over the next year

Proposed SBCOG/Equity Work Plan 2022

- Non-Profits/NGOs – County Image and Quality of Life Element
  - Driven by Equity Work but will ultimately tie into SBCOG/SBCTA efforts
  - Build off of existing relationships
  - SBCTA/SBCOG needs to identify organizations and engage regularly
  - Establish and maintain relationships as stakeholders

  - Need to create a strategy
    - Speaker Series
      - Can build off of existing opportunities
    - Networking opportunities
    - Regular outreach/goal setting
      - Inform COG work and general outreach
    - Advisory Group

Proposed SBCOG/Equity Work Plan 2022

- Small Business – Economy Element
  - Driven by Equity, but fits within Countywide Vision efforts
  - Business to Business Expansion
  - Identify options for establishing a local government procurement program
  - Research additional function potential among non-profits and local agencies

Proposed SBCOG/Equity Work Plan 2022

- Advocacy
  - Cities very interested in speaking with one voice on various concerns
    - Housing
    - Development rules
    - Anything coming at them from the state
  - SBCOG concern about transportation dollar conflict
    - Happy medium
    - Instead of positions/leg platform recognition, maybe assistance in unified messaging/lobbying?

Proposed SBCOG Work Plan 2022

- Sponsorship Program/Assembly Event – Workforce Development, Economy, Image, Quality of Life
  - Highlight Public/Private Partnerships
  - Partner with the Tribal Community
  - Potential to Establish relationships with multiple sectors across the region
  - Potential to engage stakeholders

- What can be funded through Sponsorships:
  - Speaker Series

- Housing Trust Implementation
- Smart County Master Plan Creation
- SB 1000 Toolkit Completion
- Equity Framework Creation
- Sponsorship Program Implementation

- Small Business Equity Program
  - Complete Study mid-2023
  - Implement Small Business Track at 2023 Business to Business Event
- I-REN Implementation
- REAP Grant Award and Implementation

SBCOG Current Priorities

SBCOG COG/Equity Work Plan and Budget

	Program/ Project	COG	SBCTA	Partners	Grant Funds	FY
1	San Bernardino Regional Housing Trust Implementation				$ 362,500	22-24
2	Smart County Master Plan			$ 1,000,000		22-24
3	Small Business Study		$ 50,000			22-24
4	Equity Framework - Strategy to work with NGOs and CBOs and SBCTA/SBCOG Policies/Processes/Projects		$ 200,000		$ 50,000	23-25
5	Outdoor Equity Program		$ 10,000		$ 700,000	22-25
6	SBCOG Regional Advocacy Strategy	$ 50,000				24-25
	SBCOG Work Plan Functions and Cost Borne by SBCOG					
7	Countywide Vision Leadership	staff time				Ongoing
8	Countywide Vision Element Group Participation	staff time				Ongoing
	City/County Conference Planning	staff time				Ongoing
9	Sponsorhip Program Administration Annually	staff time				Ongoing
10	Business to Business Equity Track	staff time				Ongoing
11	CALCOG Dues	$ 15,000				Ongoing
12	Project Controls	$ 40,000				Ongoing
13	Stipends	$ 36,600				Ongoing
14	Marketing	staff time				Ongoing
15	Grant Writing	$ 52,500				Ongoing
		$ 194,100	$ 260,000	$ 1,000,000	$ 1,112,500	

Total SBCOG Work Plan Projects 2023-2025 $ 2,566,600.00

SBCOG Work Plan through 2025

2023 SBCOG WORK PLAN AND BUDGET LOOK-AHEAD

	22/23	23/24	24/25	25/26	26/27
BEGINNING FUND BALANCE	$ 12,093.00	$ 72,649.00	$ 54,333.00	$ 55,352.00	$ 36,216.00
REVENUES					
SBCOG FUNDS	$ 431,276.00	$ 397,943.00	$ 464,609.00	$ 473,901.00	$ 483,379.00
REAP FUNDS		$ 187,500.00	$ 87,500.00	$ 87,500.00	
ANTICIPATED REVENUE*			$ 100,000.00	$ 100,000.00	$ 100,000.00
TOTAL REVENUES	$ 431,276.00	$ 658,092.00	$ 706,442.00	$ 716,753.00	$ 619,595.00
EXPENDITURES					
STAFF AND OPERATIONS	$ 278,220.00	$ 581,283.00	$ 607,542.00	$ 635,114.00	$ 664,065.00
PROFESSIONAL SERVICES	$ 92,500.00	$ 95,125.00	$ 97,881.00	$ 100,775.00	$ 103,814.00
TOTAL EXPENDITURES	$ 370,720.00	$ 676,408.00	$ 705,423.00	$ 735,889.00	$ 767,879.00
ENDING FUND BALANCE	$ 72,649.00	$ 54,333.00	$ 55,352.00	$ 36,216.00	$ (112,068.00)

*Sponsorships

SBCOG Budget Look Ahead

Grants Update

Steve Smith
Director of Planning and Council of Governments

Monique Arellano
Council of Governments and Equity Programs Manager

cta
San Bernardino County
Transportation Authority

cog
San Bernardino
Council of Governments

SBCTA Transportation Grant Opportunities

- Measure I made assumptions on state/federal share of funding transportation projects
- STP/STBG and CMAQ have been major sources of federal formula funding for many years – has now become competitive with general funding "targets"
- RAISE (2009) and INFRA (2018) are "additional" federal opportunities
- STIP has been primary source of state funding
- SB 1 (2017) introduced three new competitive programs (TCEP, SCCP, LPP)
- Caltrans Active Transportation Program (6 cycles so far – began 2014)
- Planning grants from Caltrans and SCAG

Grant Update

SBCTA Transportation Grant Challenges

- SB 1 has provided huge infusion of funding for highway and transit projects (US 395 Phase 1, Arrow, I-10 Contract 1, I-15 Contract 1, I-10 TCL, West Valley Connector – over $400M total awards in 2 cycles)
- State's CAPTI presenting new challenges for highway projects
- STBG and CMAQ have now become competitive with general funding "targets," beginning in 2025?
- Have done well with transportation planning grants: $5M over last 10 yr.?
- Federal competitive grants extremely difficult – only one grant since 2009 (Arrow for $8.5M)
- Requests over-subscribed generally by 15:1, with final selections made by USDOT Secretary

Grant Update

SBCTA Transportation Grant Strategy - State

- State SB 1 Grants and STBG/CMAQ
  - This is where our biggest payoff is – critical that we do well
  - Need to adapt projects to new CAPTI-focused criteria
  - Need to work with Caltrans and transit agencies early on
- Caltrans ATP grants
  - Relatively successful early years, not as much recently
  - Projects need to be more innovative
  - Grants mostly developed by cities/county. If SBCTA takes more proactive role, need some additional resources
- Transportation planning grants: Continuing source to execute planning programs

Grant Update

SBCTA Transportation Grant Strategy - Federal

- "Keep plugging away" but be a little more selective and adaptive
- Has to be a political rationale
- Need to adapt projects to Federal criteria as well
- Major transit funding likely through other programs like FTA Small Starts
- Note for both state and federal: Scale of competitive grants may require more consultant assistance.

Grant Update

SBCOG Grant Opportunities: Overview

- Grant opportunities are very diverse (GHG reduction, housing, habitat, energy, broadband, community engagement, climate adaptation, etc.)
- Consultant assistance essential - Blais currently:
  - Researches and gathers report on available and upcoming grants
  - Writes grants for SBCOG/SBCTA
  - Writes grants on behalf of partnering agencies
  - Writes grants for projects/programs that benefit the region
  - Hosts Grant-Writing Workshops
  - Make grant decisions on case-by-case basis

Grant Update

Grant Program	Project	Award
Caltrans Sustainable Transportation Planning Grant – Technical (Funding Source: SB1 – State)	San Bernardino Transportation Analysis Model Update "Plus" (SBTAM+). Match: $57,465.	$443,535
Caltrans Sustainable Communities Planning Grant (Funding Source: SB1 – State)	Resubmitted San Bernardino County Long Range Multimodal Transportation Plan (SBC LRMTP). Match: $96,021.	$690,500
California Department of Parks and Recreation Outdoor Equity Grants Program (Funding Source: State)	Garcia Center for the Arts Home Base. Partners: numerous non-profits. Match: none.	$700,000
HCD Local Early Action Planning Grant (LEAP) (Funding Source: State)	Upland Rezoning Allocation Project. Match: none.	$300,000

B&A Grant Awards since 2021

Recent Grants Submitted

- REAP 2.0
  - Higher Impact Transformative (HIT) Allocation - $5,965,00
  - County Transportation Commission (CTC) Program - $28,002,081
  - Subregional Partnership Program (SRP) - $2,367,317*
  - Housing Infill on Public/Private Land (HIPP) Program ~ $4,000,000*
  - Programs to Accelerate Transformative Housing (PATH) - $5,965,000*
  - Regional Utilities Supporting Housing (RUSH) Pilot Program ~ $3,000,000*
- Sustainable Communities Program – Civic Engagement, Equity & Environmental Justice
- EPA Climate Reduction Pollution Grant - $1,000,000*
- USDOT Charging and Fueling Infrastructure Program (partner with Caltrans)

Grants Pending Award

Other Grant Opportunities Evaluated, but Probably No-Go

- USDOT Charging and Fueling Infrastructure Program (Community portion)
- USDOT - Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation (PROTECT) Program
- CEC - Reliable, Equitable, and Accessible Charging for Multi-family Housing 2.0 (REACH 2.0)

Questions/Issues on SBCOG-Related Grants

- Concern that region is not getting "fair share"
  - Jurisdictions not applying for grants to access funds
- Local Planning and Transportation Staff Feedback – Most jurisdictions don't have resources to:
  - Develop Projects
  - Write Grants
  - Implement Projects
- Is there a desire for SBCTA/SBCOG to take a more active role in:
  - Facilitating project development at the local level? (infrastructure grants need up-front project development work – e.g. to identify and prepare sites for electric vehicle charging grants)
  - Applying for some of these grants on a more comprehensive geographical basis? (could improve our competitive position)
  - Assisting with project implementation? (this would be rare, but has been done for ATP projects)
  - Challenge: SBCOG resources limited

Discussion/Direction

Attachment No. 1 to Agenda Item No. 6
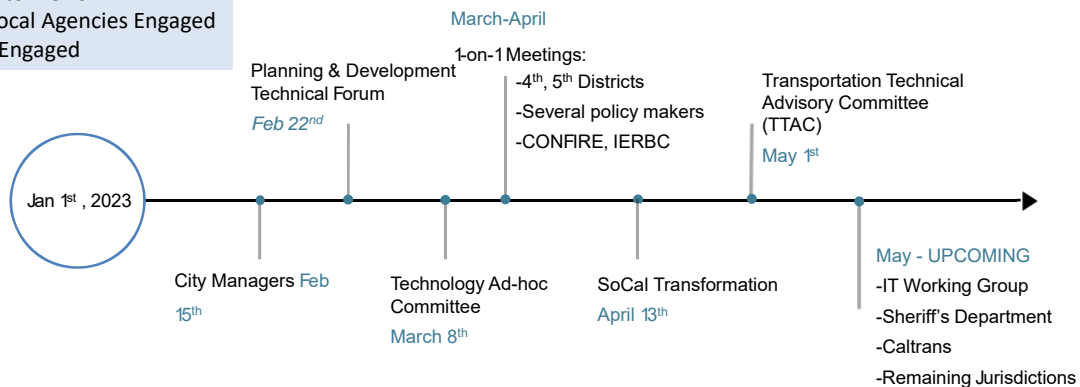Update on the Smart County Master Plan
(PowerPoint)

San Bernardino Smart County Early Action Plan

Monique Arellano
Council of Governments and Equity Programs Manager

Stakeholder Outreach

4 Presentations
10 Interviews
16 Local Agencies Engaged
+50 Engaged

March-April

1-on-1 Meetings:
-4th, 5th Districts
-Several policy makers
-CONFIRE, IERBC

Planning & Development Technical Forum
Feb 22nd

Transportation Technical Advisory Committee (TTAC)
May 1st

Jan 1st, 2023

City Managers Feb 15th

Technology Ad-hoc Committee
March 8th

SoCal Transformation
April 13th

May - UPCOMING
-IT Working Group
-Sheriff's Department
-Caltrans
-Remaining Jurisdictions

3

Stakeholder Feedback

- Equity/Connectivity
  - **Equitable broadband access:** affordable and reliable high-speed internet access for all communities
  - **Focus on Disadvantaged and Underserved communities:** prioritize resources and initiatives to bridge the digital divide

- Transportation
  - **Traffic Signal Synchronization**: coordination with trucking schedules and across jurisdictions
  - **Traveler information**: providing consistent and real-time communications during disasters and adverse weather conditions across jurisdictions
  - **Data sharing across the region**: establishing secure and efficient mechanisms to share data

- Public Safety
  - **Homelessness and vandalism:** strategies to address homelessness and mitigate vandalism
  - **License Plate Readers (LPRs):** vehicle tracking, crime prevention and suspect identification
  - **CAD-to-CAD:** improve emergency response coordination
  - **Information sharing among agencies:** collaboration and data sharing between law enforcement, emergency services and public safety agencies

Stakeholder outreach was key to understanding existing agency operations, capabilities, and needs.

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San Bernardino County Sub-Regions
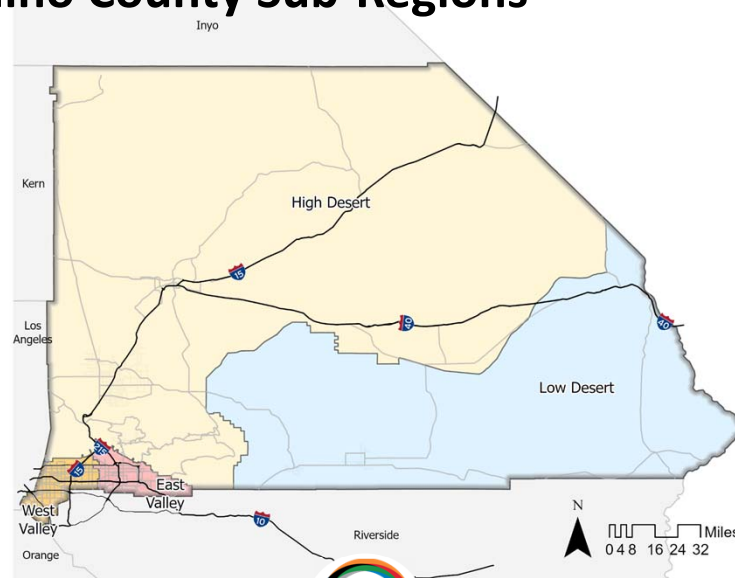
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Early Action Plan Proposed Projects

Project	Need	Description	Benefits	Challenges	Initial Sub-Region
Broadband and Last Mile Connections	Equity/ Connectivity	Build upon the State-Middle Mile Broadband initiative to bridge the gap with local networks	Equitable access to broadband for disadvantaged communities	• Geographical/ topographical differences • Stakeholder coordination	• High Desert • Disadvantaged Communities of the Valley
Smart Corridor Pilots	Transportation/ Public Safety	Dynamic signal control and customized amenities for each corridor/subregion	Increased safety and transportation system reliability	• Integration/interoperability • Data management & privacy • Variety of adoption needs	• West Valley • East Valley • Victor Valley
Smart Intersection / License Plate Reader	Transportation/ Public Safety	• Customized amenities for each location • Implementation of LPRs to analyze license plate information in real-time	• Increased safety and transportation system reliability • Enhanced traffic management and crime prevention	• Data privacy/protection • Variety of adoption needs • Data management, privacy, and analysis	Consider for all
CAD-to-CAD	Public Safety	Enable disparate systems to communicate with each other	Facilitate law enforcement/dispatch	• Stakeholder coordination • System integration • User adoption	Consider for all

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Broadband and Last Mile Connections

- The goal of this project is to build upon the State Middle Mile Broadband initiative to bridge the gap between local networks and the middle-mile physical fiber optic infrastructure, focusing on underserved areas and key integration points to local agency networks.

- While the FCC's historic definition of Broadband was 25/3Mbps (down/up), recent California CPUC rulemaking has revised the target to 100/100Mbps *(or 100/20Mbps where impractical)* – this paradigm shift emphasizes the need for wireline fiber connectivity to underserved communities, as opposed to reliance on wireless or other atypical methods
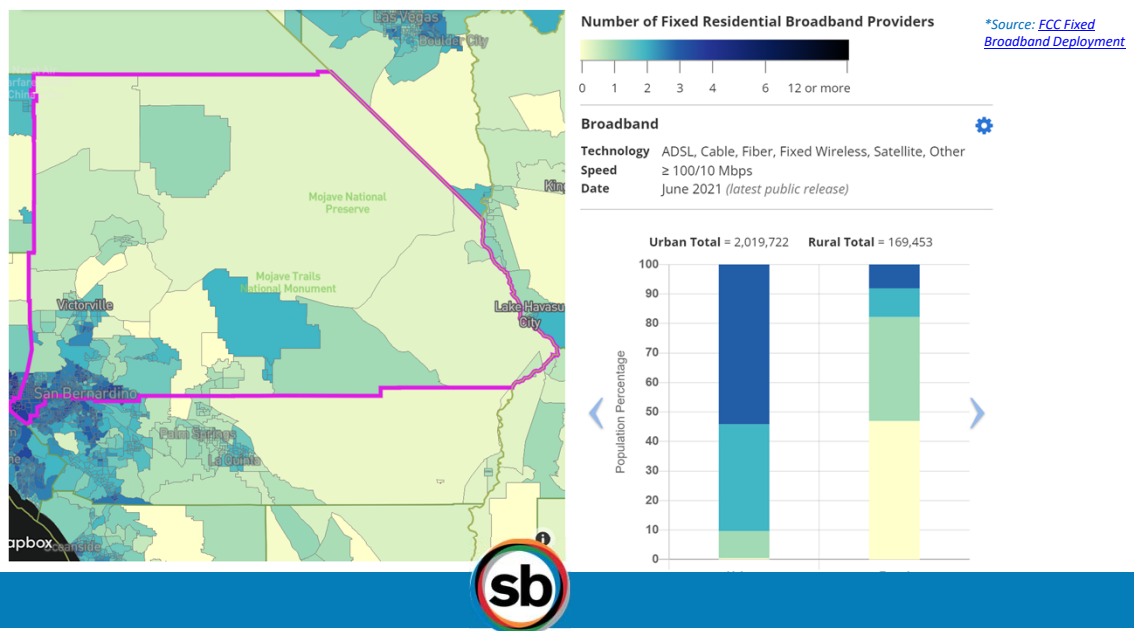

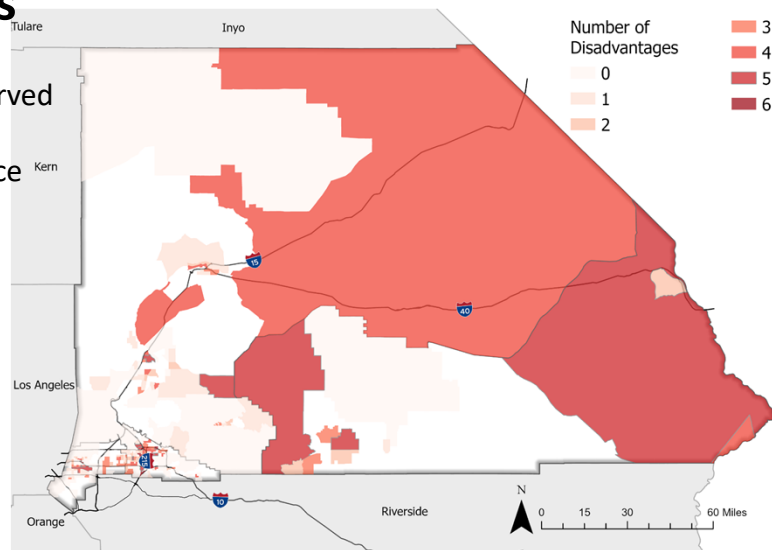*Source: State of California Middle-Mile Broadband Initiative*
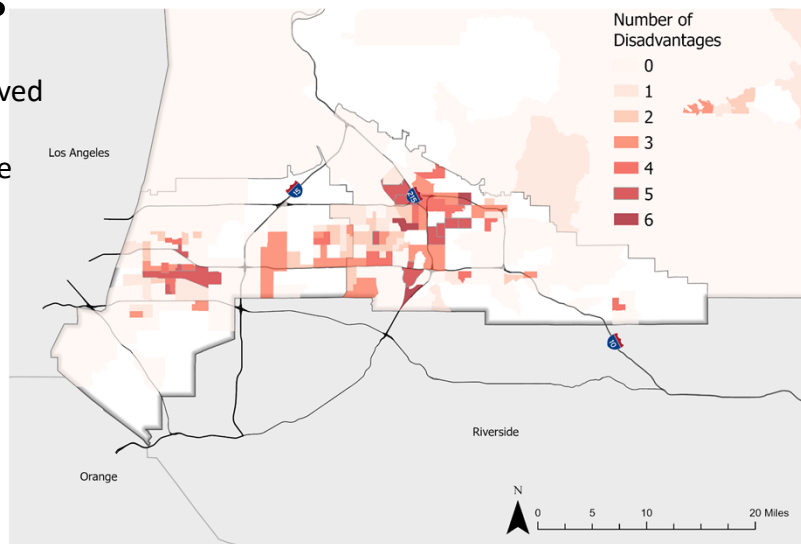
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Broadband and Last Mile Connections

Number of Fixed Residential Broadband Providers

0 1 2 3 4 6 12 or more

Broadband

Technology	ADSL, Cable, Fiber, Fixed Wireless, Satellite, Other
Speed	≥ 100/10 Mbps
Date	June 2021 *(latest public release)*

Urban Total = 2,019,722   Rural Total = 169,453

Source: FCC Fixed Broadband Deployment

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Broadband - Needs

- This map shows the overburdened and underserved census tracts based on the Climate and Economic Justice Screening Tool
- Categories of Burden:
  - Climate Change
  - Energy
  - Health
  - Housing
  - Legacy Pollution
  - Transportation
  - Workforce Development
 - Water and Waste Water

Source: Climate and Economic Justice Screening Tool (CEJST)

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Broadband - Needs

- This map shows the overburdened and underserved census tracts based on the Climate and Economic Justice Screening Tool

- Categories of Burden:
  - Climate Change
  - Energy
  - Health
  - Housing
  - Legacy Pollution
  - Transportation
  - Workforce Development
  - Water and Waste Water

Source: Climate and Economic Justice Screening Tool (CEJST)

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Broadband and Last Mile Connections

- Selection criteria for last mile broadband access improvements:
  - Census tracts with over 1,000 households and where more than 10% lower-income households currently lack broadband access

- This prioritizes regions with significant potential impact for effective resource allocation

- Last mile projects can also be used to link up local agency field assets to central systems
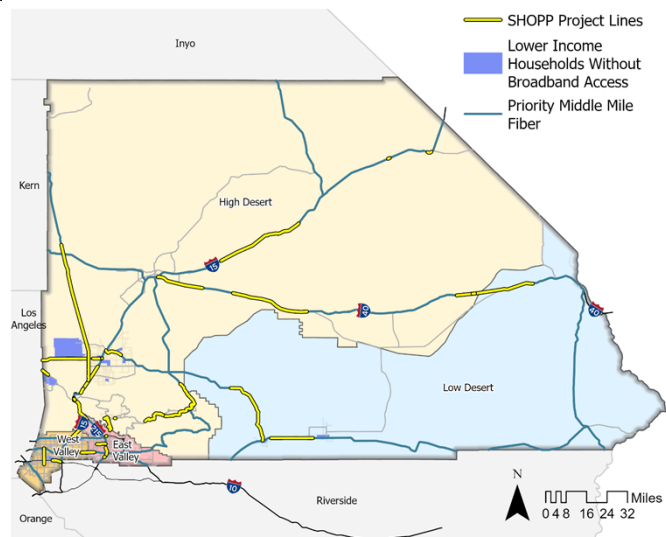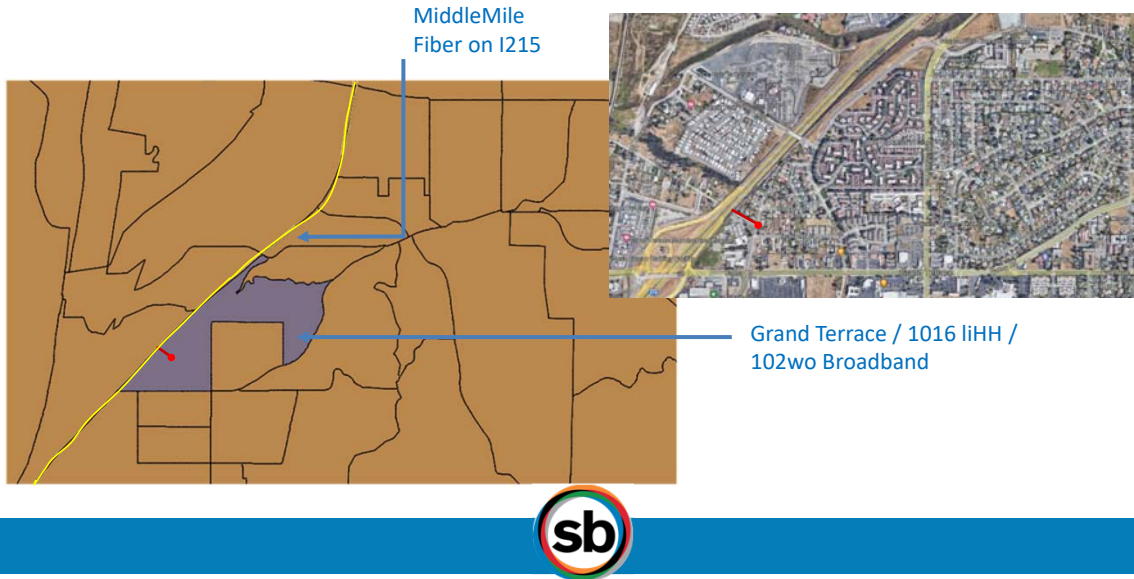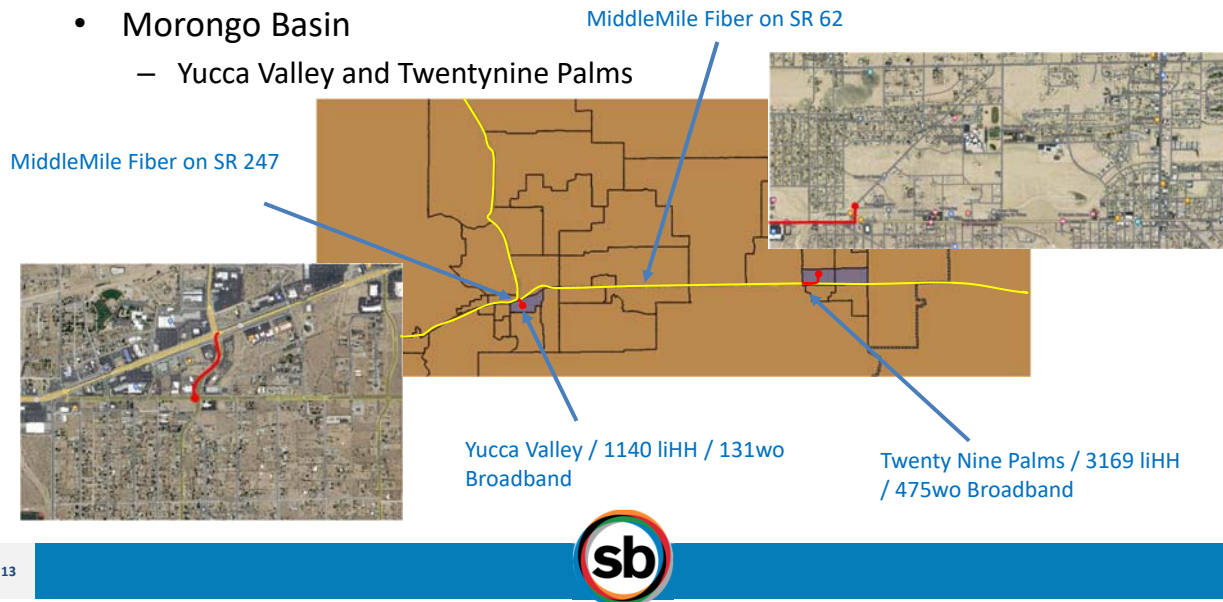

Source: ACS 2019, Middle-Mile Initiative, SCAG

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## Broadband and Last Mile Connections – East Valley (Grand Terrace)

MiddleMile
Fiber on I215

Grand Terrace / 1016 liHH /
102wo Broadband

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Broadband and Last Mile Connections – Low Desert

- Morongo Basin
  - Yucca Valley and Twentynine Palms

MiddleMile Fiber on SR 62

MiddleMile Fiber on SR 247

Yucca Valley / 1140 liHH / 131wo
Broadband

Twenty Nine Palms / 3169 liHH
/ 475wo Broadband

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Smart Intersections

▶ Smart Intersections are the building blocks of a Smart County

▶ Beyond serving key functions like lighting and dynamic signal control across corridors, they provide the opportunity to bring in comms and layer on customized amenities for each corridor/region, including:

  ▶ Public / Agency Wi-Fi
  ▶ Weather / Air Quality Emissions Sensors
  ▶ EV Charging
  ▶ Speed Indicators
  ▶ CCTV / Safety Systems / Vehicle Detectors
  ▶ Smart Metering
  ▶ Off-pavement Parking Management
 ▶ Curb Management Sensor
  ▶ Connected Vehicle RSU
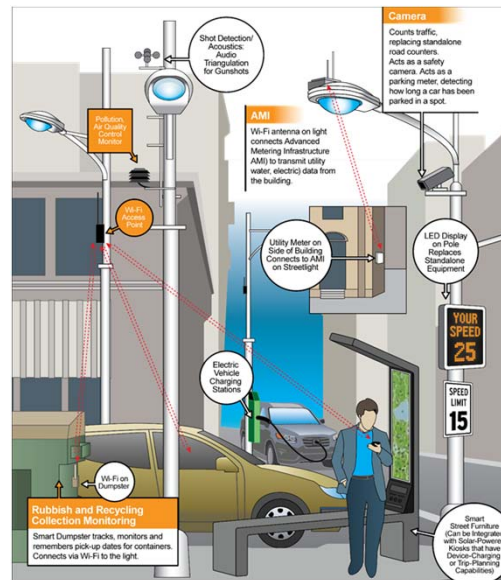
14

Smart Intersections

- San Bernardino County is equipped with thousands of signalized intersections managed by:
  – County (unincorporated areas)
  – Cities / Municipalities
  – Caltrans (highway offramp locations)
- Suggestion: Start with a single intersection pilot. Sites should be initially selected with a view towards creating Smart Corridors.
- Possible criteria include:
  – Poor safety record / history of crashes
  – Proximity to Broadband Field Network Connection Point
  – Ability to ultimately integrate into Smart Corridor
  – Positioned optimally to enable a key regional function (e.g. inclement weather sensor)

Caltrans and Local/County Intersections with poor safety record (2015-2022)*
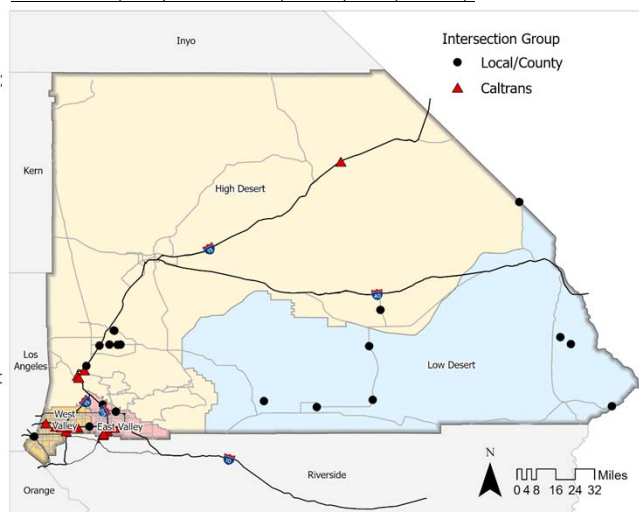
Source: Transportation Injury Mapping Systems (UC Berkeley)

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Broadband and Last Mile Connections

California Advanced Services Fund

Broadband Infrastructure Grant Account ($150M annually)
- Annual Grant Proposal Deadline: June 1, 2023
- Up to 100% assistance – location and population criteria applies
- Applicants: Companies, Governments
- Eligible Areas: Unserved areas
- Eligible Costs: Infrastructure;
  5 year leases and Upgrades for interconnection
- Administrative expenses capped at 15% of grant

CPUC Federal Funding Account ($2B by 2027)
- Opens Summer 2023
- Location and population criteria applies
- Must be built by 2027
- Applicants/ Entities: Companies, Governments, & more
- Eligible Areas: Underserved Households and Businesses
- Eligible Costs: Infrastructure;
  5 year leases and Upgrades for interconnection
- March 3, 2021 - December 31, 2024
- Administrative expenses capped at 2% of the grant
- Contingency max of 15% infrastructure

US Dept of Commerce - NTIA
- Digital Equity Act Programs ($2.75B)
- Opens Late 2023/ Early 2024
- $1.44 billion State Digital Equity Capacity Grant Program
- $1.25 billion Digital Equity Competitive Grant Program
- Program Details TBD

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Additional Grant Opportunities

CARB
California Climate Investments

- Many potential programs within the investments
- Billions in Clean Transportation funding
- Reducing greenhouse gas (GHG) emissions, strengthening the economy, improving public health and the environment
- Providing meaningful benefits to the most disadvantaged communities, low-income communities, and low-income households. (mapped on Slide 19)
- Website: Low Carbon Transportation Investments and AQIP Grant Solicitations

SB 535 Disadvantaged Communities
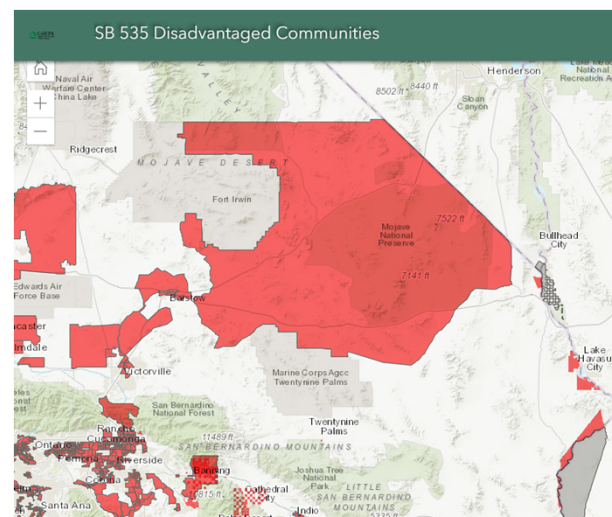
Source: SB 535 Disadvantaged Communities (2022 Update) – CalEPA

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Additional Grant Opportunities

FHWA
Advanced Transportation Technologies and Innovation (ATTAIN) Program
- Opens Late 2023 / Early 2024
- Max Award: $12,000,000
- Cost share: 20%
- Eligible Applicants: Governments
- Provides funding to deploy, install, and operate advanced transportation technologies

FHWA
Strengthening Mobility and Revolutionizing Transportation (SMART) Grants
- Opens Fall 2023
- 2 stages:
  - Stage 1 Planning and Prototyping Grants up to $2,000,000
  - Stage 2 Implementation Grants up to $15,000,000
- Eligible Applicants: Governments
- Demonstration projects for advanced smart city technologies for efficiency and safety.

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Policy Recommendations

Policy	Description
Dig Once	Take advantage of all projects and dig once by adding empty conduit or conduit with dark fiber for future use. If working at the edge of a jurisdiction – work with them to coordinate any work that might be on their roadmap.
Maximize Purchase Authority	Ensure procurement policies allow to maximize purchasing power by partnering with local agencies and/or county for purchases.
Remain Open to Unmanned Aircraft	While the FAA regulates airspace, local agencies control land use policies. Consider a review of all state laws including state parks and local policies and ordinances within the county. Keeping open policies, regulations and ordinances for unmanned aircraft can open up research and economic development opportunities. Restrictive regulations can send a negative message to businesses.

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San Bernardino Smart County
Early Action Plan

Questions?