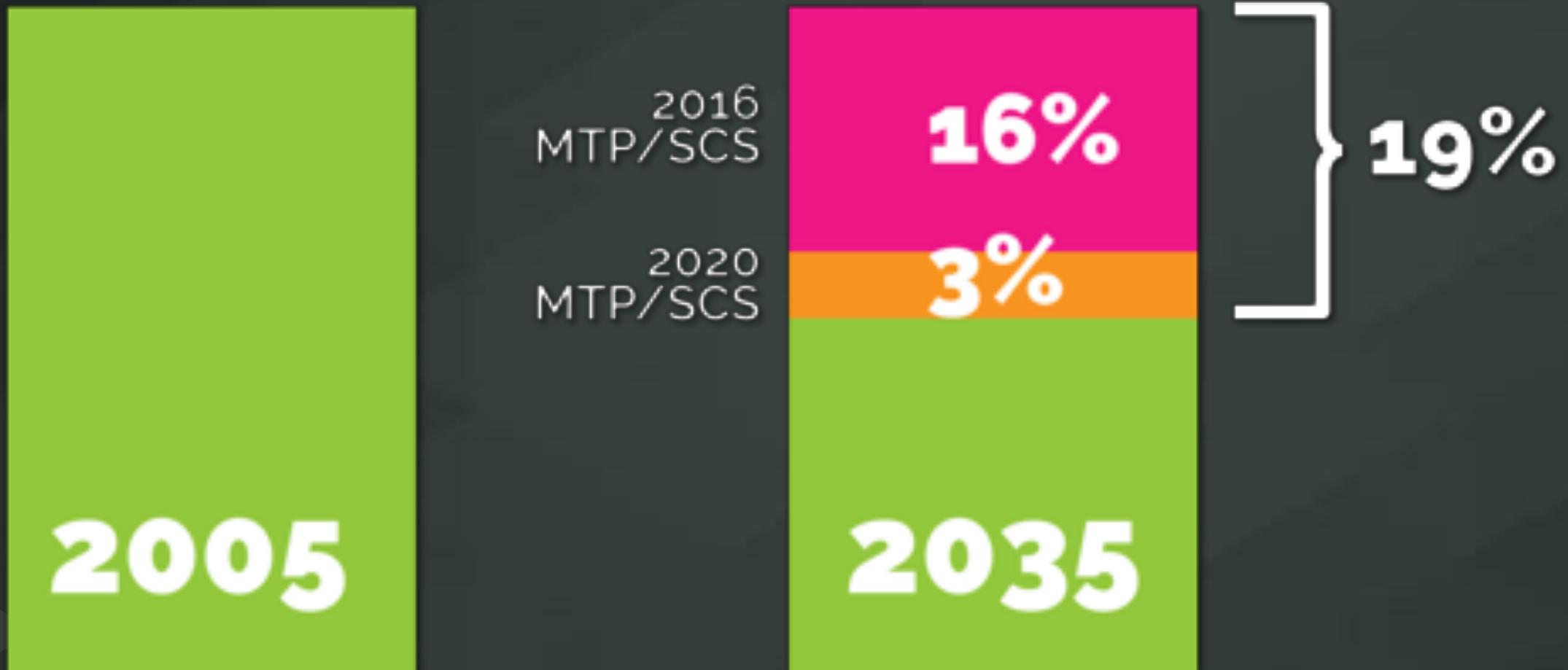


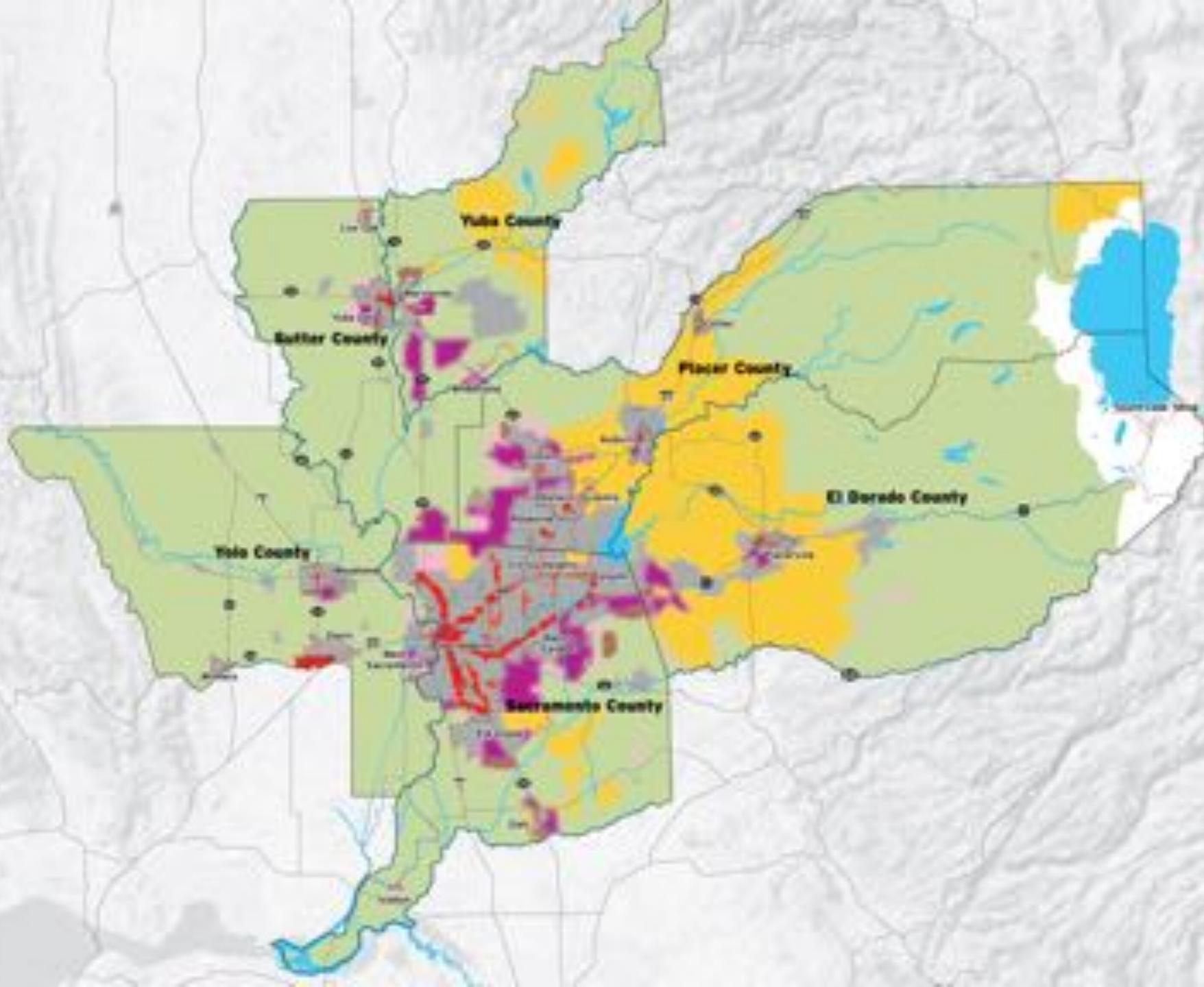
SACOG Update on Transit Planning & Funding

Matt Carpenter
Director of
Transportation Services

Sacramento Area
Council of
Governments

Greenhouse Gas Reduction Target





Centers & Corridors



Established Communities



SACOG Region Transit Operations Revenue over 10 Years* (in billions)

* 10 year need total does not reflect real growth from 2015 level

\$2.0

\$1.5

\$1.0

\$0.5

\$0.0

Other
Funding:
\$1.7 billion

SB 1: \$151 million

Sacramento County Transit Funding

\$326 Million/Year
State of Good Repair

+\$12.1 Million/Year (SB1)

\$206.4 Million/Year

\$120 Million/Year
Shortfall



Fleet replacements make up largest capital need



210 Large Coaches/Commuter Buses

- nearly 50% due for replacement within five yrs
- Large coach bus cost: \$600,000 - \$900,000

176 Demand Response/ADA Vehicles

- 100% due for replacement within next decade
- Standard vehicle cost: \$120,000 - \$180,000

29 Small Buses for Community Services

- 100% due for replacement within next decade
- Standard vehicle cost: \$120,000 - \$180,000

SacRT currently has 97 high floor light rail vehicles

47 LRVs: over 31 years old

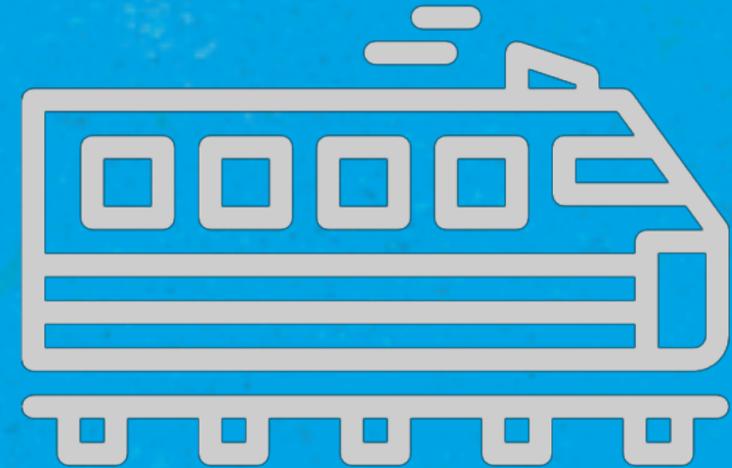
21 purchased rehabilitated | do not match other LRVs

10 LRVs: over 27 years old

40 remaining LRVs will reach 25 years in 2028

Replacement cost: \$552.9 million in today's dollars

Does not include all station rehabilitations for low-floor vehicles.



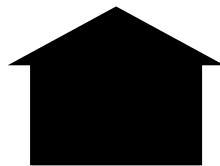
25 Years: FTA Useful Life

Draft Preferred Scenario

Growth Forecast



270,000 jobs



260,000 homes



Draft Preferred Scenario

Growth Forecast



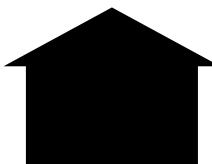
Land Use Pattern



270,000 jobs

64%

Established &
Center/Corridor
Communities



35%

Developing
Communities

260,000 homes

73%

Small-Lot &
Attached Homes

27%

Large-Lot Homes
& Rural
Residential

Draft Preferred Scenario

Growth Forecast



Land Use Pattern



Transportation Investments



64%

Established &
Center/Corridor
Communities

35%

Developing
Communities



73%

Small-Lot &
Attached Homes

27%

Large-Lot Homes
& Rural
Residential

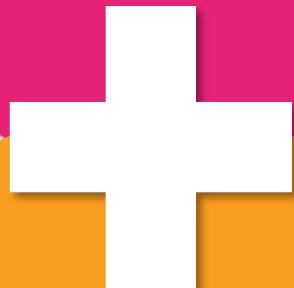


Budget:
\$33.4 Billion

Requests:
\$46 Billion

Transportation Investments

Revenue
Assumptions



Land Use
Forecast



Financial Constraints

Revenues: \$33.4 Billion

Requests: \$46 Billion

Options for additional funding: System Pricing



2020 MTP/SCS Draft Preferred

2020 MTP/SCS Draft Preferred Scenario	Total \$ (millions)	% of total
New & Expanded Roads	\$6.9	20%
Maintenance & Rehabilitation	\$11.6	34%
Transit	\$10.1	30%
Bicycle & Pedestrian, Operations & TDM	\$5.3	16%

MTP/SCS Transit- Related Planning

- Transit Asset Management
- SB 743
- Pricing
- Next Generation Transit

Transit Asset Management Planning

Federal requirement adopted in 2016

Tier I/II Plans completed in late 2018

SACOG provided support for TAM planning, obtaining joint decision tool

Progress reported to National Transit Database

Performance targets incorporated into MTP/SCS & MTIP

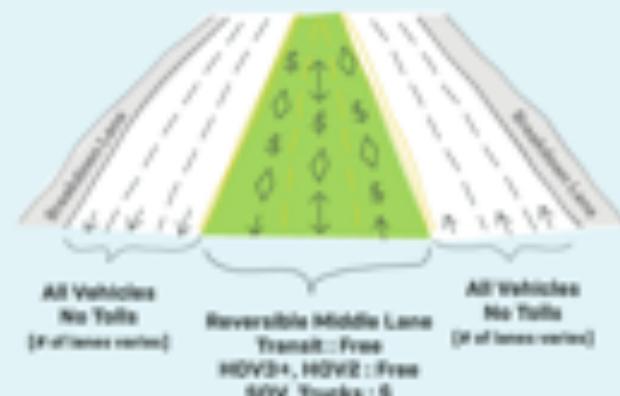
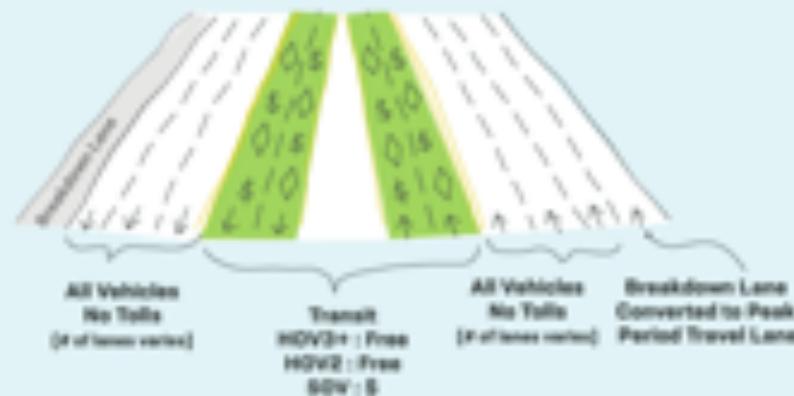
SB 743 -Evaluating Transportation Impacts using Vehicle Miles Travelled (VMT)



Pricing Strategies:

Express Lanes & Tolling Mileage-Based

EXPRESS LANES (MULTI-LANE HOT FACILITY)



• I-495, Virginia

• I-10, Los Angeles CA

• I-405, Washington

• I-70, Colorado

• I-15, San Diego CA

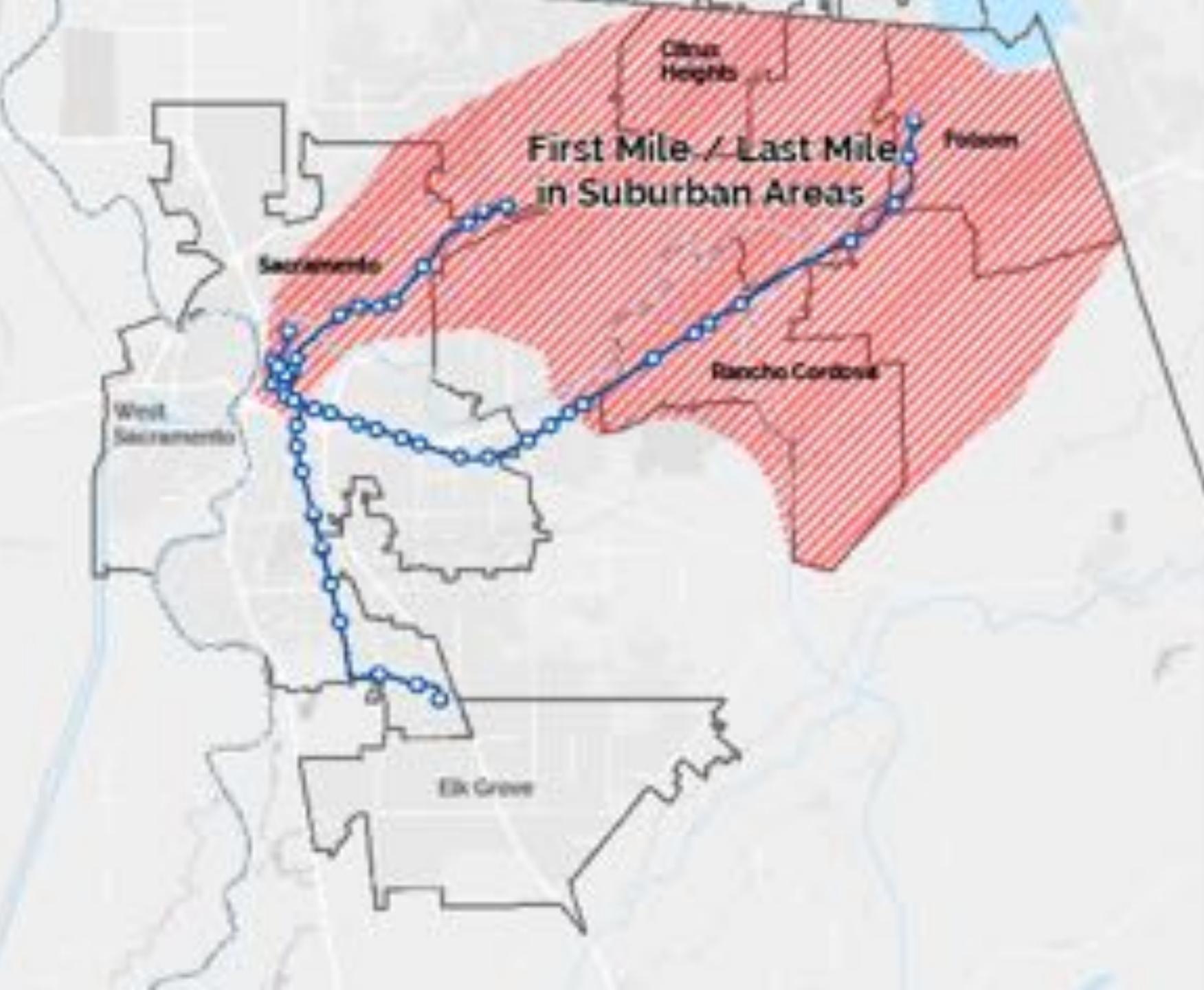
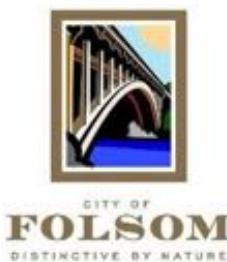
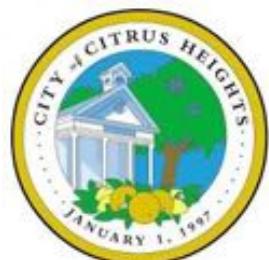
• I-95, Virginia

Future Mobility & Transit

- Technology
- Ride sharing
- Vehicle sharing
- 1st & last mile connections
- MaaS



CIVIC LAB







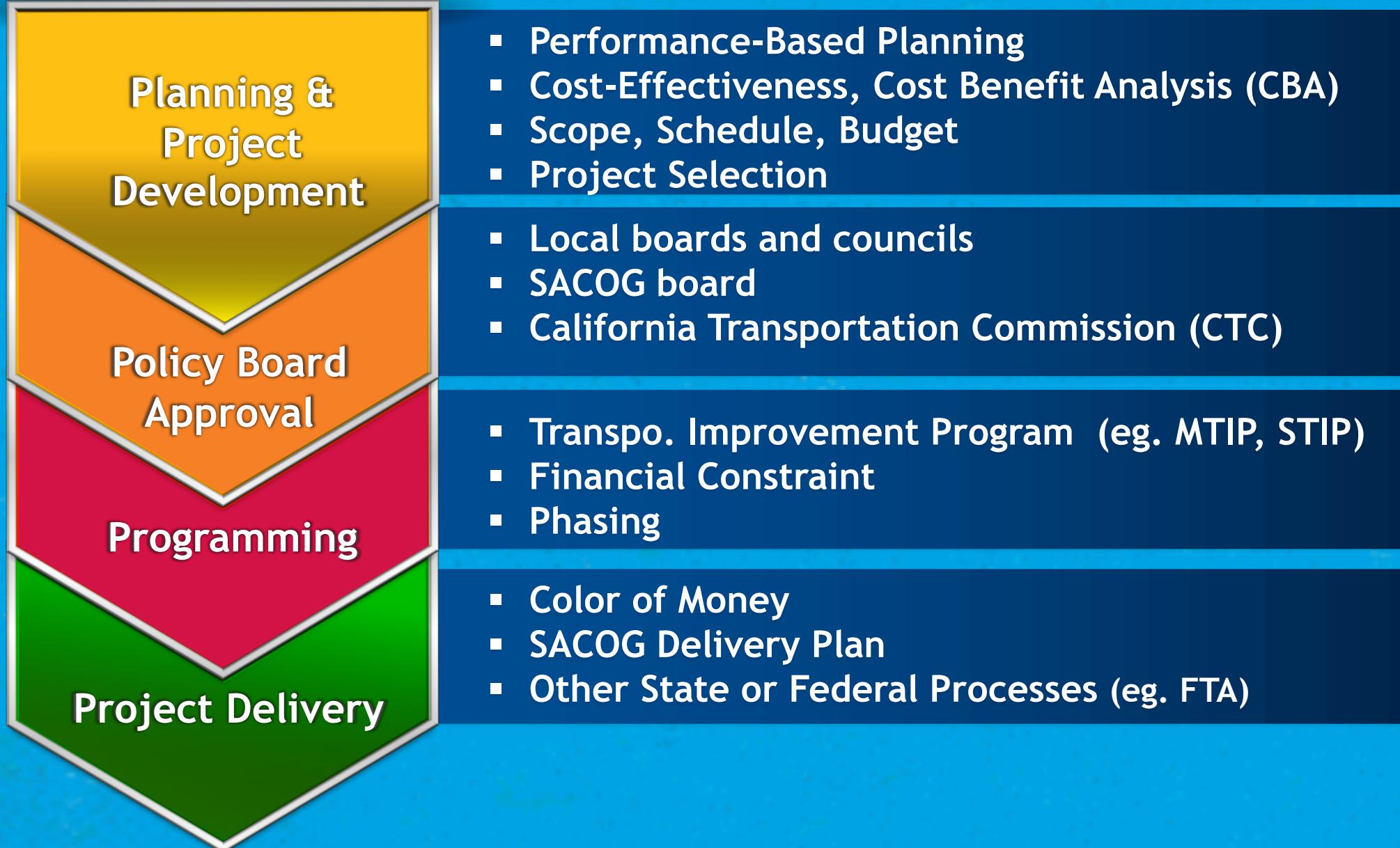




SACOG Funding

- Technology
- Ride sharing
- Vehicle sharing
- 1st & last mile connections
- MaaS

SACOG Transportation Funding Process



SACOG Board Funding

Federal formula

- CMAQ, STPBG
- FTA formula

State formula

- STIP (regional share)
- Active Transportation Program (regional share)

Local formula

- Local Transportation Fund
- State Transit Assistance

Not SACOG Board Funding

Federal competitive

- BUILD, INFRA, ATCMTD

State competitive

- Congested Corridors
- Trade Corridors
- Local Partnership
- Active Transportation (state share)

State formula

- Gas Tax, ITIP, Local Partnership

Local

- Sales Tax Measures
- Development Fees

SACOG Flexible Funding Awards

Regional Flexible Funding Round Awards

Transit-Related

		\$M	% Total
	2009	\$5.2	7%
	2011	\$12.69	12%
	2013	\$24.25	13%
	2015	\$32.15	25%
	2018 & 2019*	\$29.58*	21%*

* awarded so far

Regional Program Performance Outcomes

(2018 Funding Round)

1. Reduction in per capita VMT
2. Reduction in congested per capita VMT
3. Increase in multi-modal travel
4. Long-term economic benefit
5. Improve goods movement
6. Significantly improve safety and security
7. Demonstrate “state of good repair”

Regional Program Example: Maintaining and Modernizing Regional Light Rail System

- Total Award: \$10,000,000
- Replace aging light rail vehicles
- Retrofit existing light rail stations
- Improve service between Rancho Cordova and Folsom



Other programs within SACOG funding round

Green Region

- First-time program in 2018

Transportation Demand Management

- Next Generation
- Innovation and Traditional

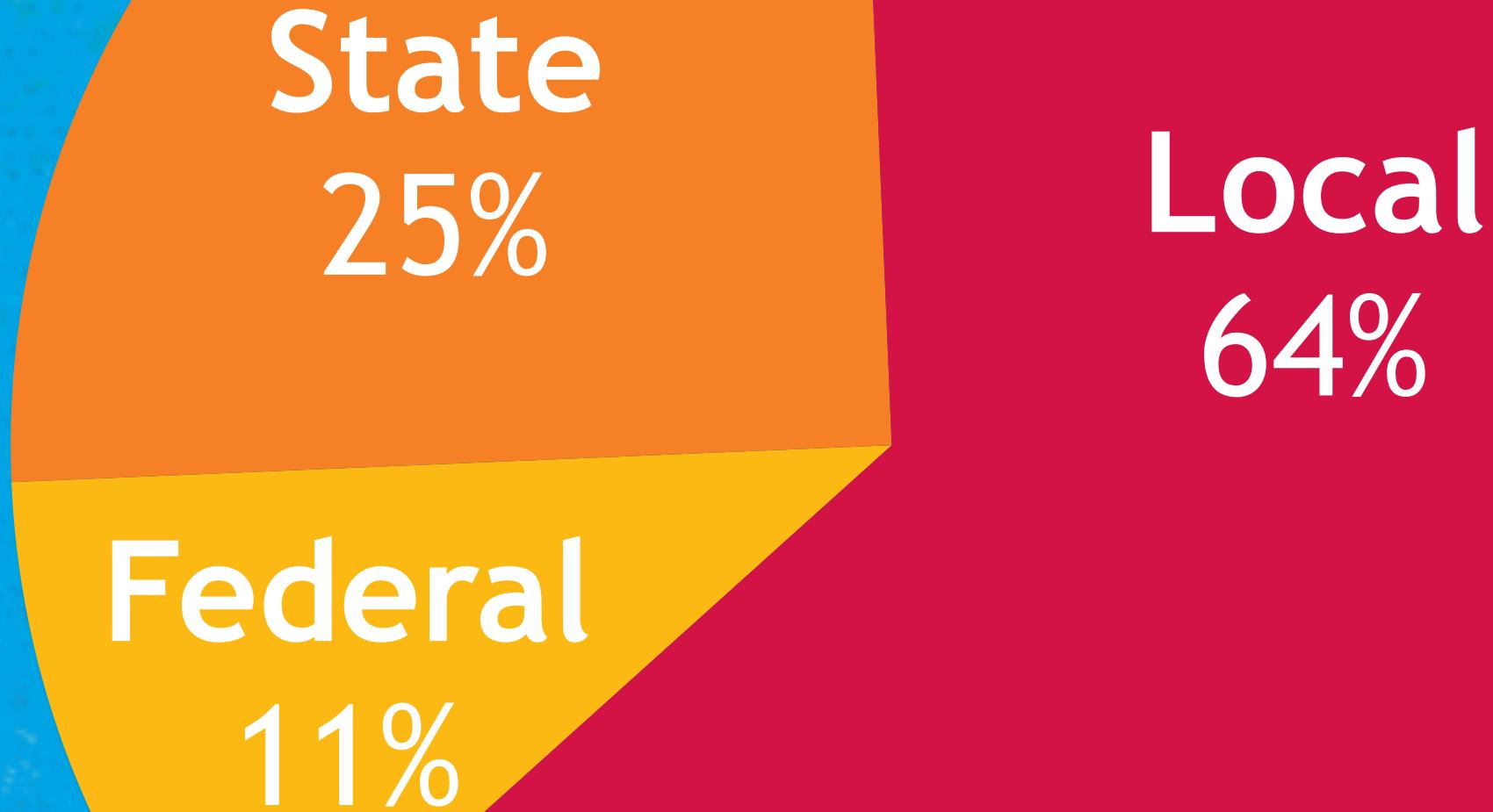
Air Quality Improvement

- Commitment to fund Spare the Air through 2024

2019 Funding Round

- Dialogue to begin in March

Transportation Funding in the SACOG Region





**Accelerate
Infill**

**Accelerate
Travel
Options**

**Accelerate
EV
Deployment**

Thank you!

Matt Carpenter
Director of
Transportation Services

Sacramento Area
Council of
Governments
mcarpenter@sacog.org