Long Range Transportation Plan

Technical Advisory Committee

July 3, 2019

HELP SHAPE OUR NEXT LA.

OurNext.LA

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Baseline Understanding Framework

Baseline Understanding Framework Contains:

- ➢ Travel Demand Model
  Analysis of current travel patterns and other research for the existing system

- ➢ Communities
  Socio-demographic information/differences/trends about who Metro serves

- ➢ Partnerships
  Strategic plans and inter-agency efforts

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Values Framework

Values Framework Contains:

➤ Discussion of applicable values and guiding principles

➤ Plan objectives based on Vision 2028 goals

➤ Performance measures

➤ Equity specific performance

➤ Scenario testing (results TBD)

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How do we define equity in the LRTP?

Potential Demographic Factors With Inequity Impacts	% Population
Income* (< $35,000 annually)	**32%**
Race*(Non-white)	**73%**
Family structure (Single-parent household)	6%
Car ownership* (Zero-car households)	**9%**
English speaking (Limited English household)	14%
Housing tenure (Renter)	54%
Senior (Over 65)	12%
Disability (Household with at least one person with a disability)	22%

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*Demographic factors likely to be included in LRTP to identify EFCs
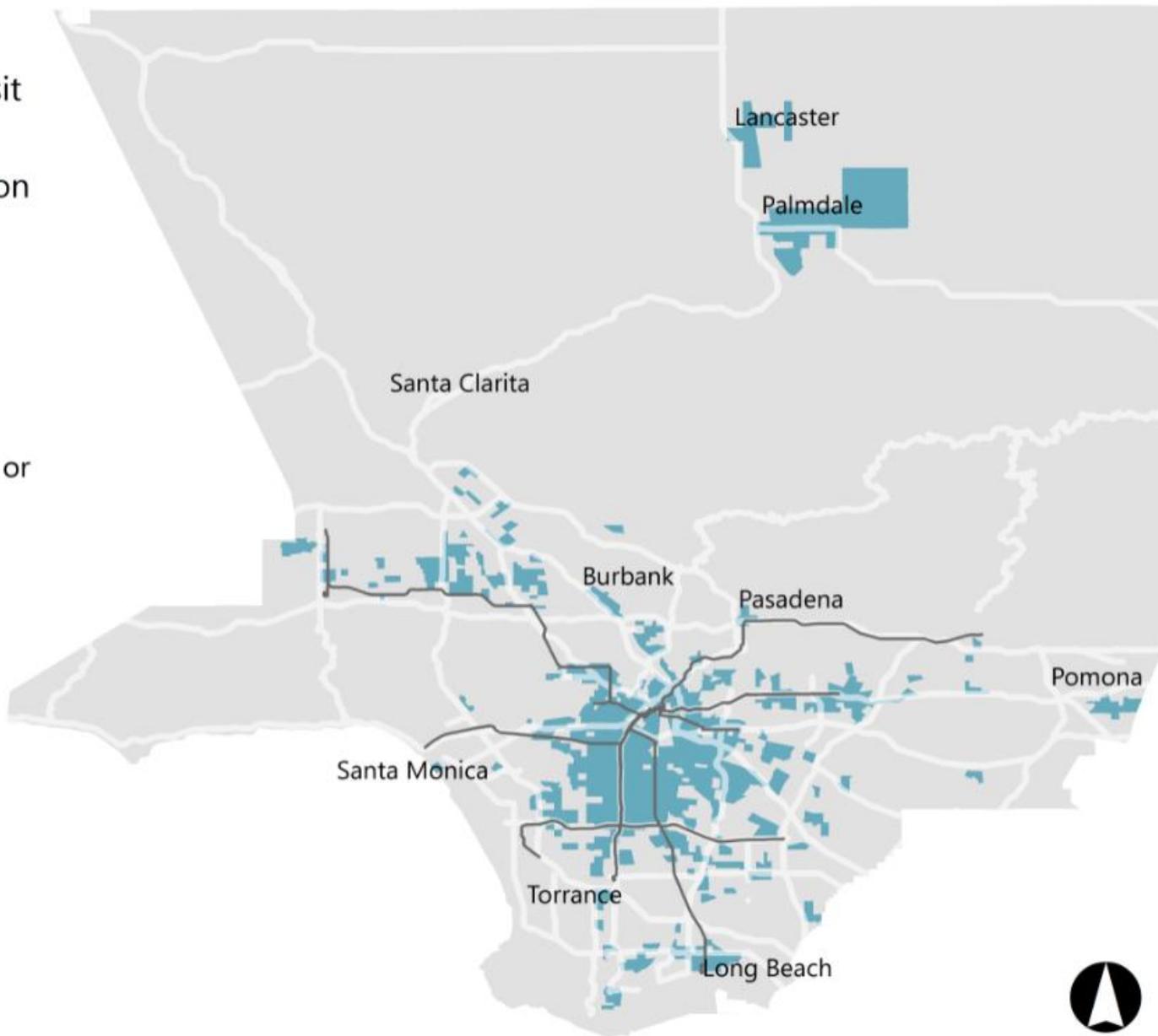
Proposed Scenario: 40% Low Income Concentration Threshold

Highways

Fixed guideway transit

EFC Communities
30% of LAC Population

Census Tract Thresholds
> **40%** Low Income
> **80%** Non-white
> **10%** Zero Car

*Thresholds are based on:
1) Non-white AND Low Income, or
2) Low Income AND Zero Car

Guiding principles in developing the EFC scenario:

1. Capture a larger % of low income, non-white, and zero car households than the county average
2. Set thresholds for low income, non-white, and zero car households
3. Logic: must meet low-income and EITHER non-white OR zero-car thresholds.

Lancaster

Palmdale

Santa Clarita

Burbank

Pasadena

Pomona

Santa Monica

Torrance

Long Beach

0   10   20 Miles

Why Performance Measures?

- **Quantify progress** toward achieving Metro goals and objectives

- **Track progress over time** through subsequent LRTP updates

- **Focus on systemwide impacts**
  - Not an exhaustive list of every measure we care about
  - Just measurable systemwide outcomes we are trying to achieve

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- **PAC Equity Working Group (2018-2019)**
  - Helped define Equity Focus Communities (EFCs)
  - To ensure LRTP considers systemwide performance in most underserved communities
- **Metro Liaisons Working Group (2018-2019)**
  - Weekly meetings to review and refine Draft Performance Framework
  - Goals – Objectives – Metrics – Data Sources
- **PAC Meeting (April 2019)**
  - Presented draft framework and made refinements

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Provide high-quality mobility options that enable people to spend less time traveling

#	System Performance Objectives	DRAFT Performance Measures
1	Optimize the speed, reliability and performance of the transportation system	Travel time by mode Travel time reliability by mode
2	Provide high-quality mobility options for all	Percent of households and jobs within 10-minute walk or roll of high-quality mobility options
		Transit competitiveness (vs. driving) in key travel markets
		Person travel hours in non-SOV modes
		Active transportation mode share

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8

Vision 2028: Goal 2

Deliver outstanding trip experiences for all users of the transportation system

#	System Performance Objectives	DRAFT Performance Measures
3	Improve transportation system safety and security	Collisions by mode and severity
		Miles of protected bicycle pathways and sidewalks within ½ mile of high quality transit
		Part I & II crimes reported on Metro transit system
4	Maintain a high level of customer satisfaction	Customer satisfaction with Metro bus, rail, and Express Lanes systems

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Enhance communities and lives through mobility and access to opportunity

#	System Performance Objectives	DRAFT Performance Measures
5	Promote access to opportunity in Equity Focus Communities	==Travel time by mode in EFCs==
		Percent of EFC households within 10-minute walk or roll of high quality ==transit==
		Collisions by mode and severity in EFCs
		Miles of protected bicycle pathways and sidewalks within ½ mile of high quality transit in EFCs
		Affordable housing within ½ mile of high quality transit in EFCs
		Percent of household income spent on combined transportation and housing costs in EFCs
		==Air quality pollutants in EFCs==
		Percent of activity centers in EFCs within 10-minute walk or roll of high-quality transit
		Percent of roads and highway bridges in good and fair condition in EFCs

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Vision 2028: Goal 3

Enhance communities and lives through mobility and access to opportunity

#	System Performance Objectives	DRAFT Performance Measures
6	Reduced household costs spent on transportation and housing	Affordable housing within ½ mile of high quality transit
		Percent of household income spent on combined transportation and housing costs
7	Promote economic vitality	Jobs within 1/2 mile of high quality transit
		Regional economic growth attributable to transportation investments
		Regional jobs attributable to transportation investments
8	Improve environmental quality and resilience	GHG emissions
		Air quality pollutants
9	Enhance public health and quality of life	Percent of activity centers within 10-minute walk or roll of high-quality transit
		Active transportation mode share

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Vision 2028: Goal 4

Transform LA County through regional collaboration and national leadership

#	System Performance Objectives	DRAFT Performance Measures
10	Manage roadway congestion	Vehicle hours of delay per capita
		Vehicle miles traveled per capita
		Total person throughput
		Average roadway incident clearance time
11	Increase share of travel by non-SOV modes	Annual transit trips
		SOV mode share
12	Support efficient goods movement	Truck vehicle hours of delay
		Truck travel time reliability

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Provide responsive, accountable, and trustworthy governance within Metro

#	System Performance Objectives	DRAFT Performance Measures
13	Maintain a state of good repair of transportation assets	Percent of roads and highway bridges in good and fair condition
		Percent of backlog to state-of-good-repair funding needs to address transit assets past useful life
14	Ensure accountability through transparent reporting practices	Progress toward project completion compared to financial forecast
		Legal and policy reports issued on time

What's next

- June: Board Receive & File
  - Values Framework Outline Including Performance Measures
- June: Data Collection & Methodology Refinement
- July/August: Calculation of Systemwide Performance

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Thank You

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