



NEXTGEN Bus Plan



Metro

January 23, 2020
Regular Board Meeting

Building a World-Class Bus System

RIDERSHIP
RESOURCES

- 5 %
- 10 %

+ 5 %
0 %

+ 15-20 %
+ 10 %

+ 25-30 %
+ 20 %

Reduce operating resources

- Schedule to current demand
- Reduce duplication
- Discontinue unproductive segments
- No reallocation of resources

WHERE WE ARE >

Reconnect with our customers

- Create service tiers based on projected demand
- Connect the dots
- Coordinate with Muni
- Simplify routes and schedules
- Reallocate duplicative & unproductive service

Create a Transit First LA County

- Invest in speed and reliability infrastructure
- Create safe & comfortable waiting environments
- Establish facilities to optimize layovers
- Reinvest resources to improve lifeline services

Secure Future Funding

- Full buildout of consistent frequencies by service tiers
- Create all lines all day all week

Comparing the Alternatives

**Existing
Conditions
Today**

**Scenario A
Reconnect**

**Scenario B
Transit First**

**Scenario C
Future Funding**

Resources (Rev. Hrs)	7.0m	7.0m	7.0m	9.4m
Resources (Rev. Mi)	75.0m	75.0m	80.5m	105.0m
High-Frequency Lines (weekday) <i>Every 10 min or better</i>	16	28	29	46
High-Frequency Lines (weekend) <i>Every 10 min or better</i>	2	14	14	19
People w/walk access to high-frequency service <i>(weekday)</i>	900,000	2.15m	2.17m	2.96m
People w/walk access to high-frequency service <i>(weekend)</i>	630,000	1.14m	1.18m	1.49m
Ridership Increase	0	+5-10%	+15-20%	+25-30%
% riders who lose convenient walk access to transit	0	0.3%	0.3%	0.3%

Translating Lessons Learned Into Service Concepts

- **84% of LA County residents have used transit at least once in the past year**
Minimize discontinued segments
- **Fast/Frequent/Reliable service is key**
Create a competitive transit network
- **Metro's current system is not always competitive to get people where they want to go**
Build a network that reflects travel today & tomorrow
- **The greatest opportunity to grow ridership is between midday & evening when many trips are short distance**
Improve service for midday, evening & weekend
- **Need to integrate Metro's Equity Framework into the planning process**
Provide better service in equity-focused areas

The Metro Customer Experience



1 Speed & Reliability

Walk up & ride

Fast, reliable,
& predictable

Consistent & simple
routing



2 Stop Access & Waiting

Easy to find & access

Comfortable, convenient,
& well-informed

Safe and Secure



3 Boarding & Riding

Fast all-door boarding

Smooth, quiet ride

On-board information

NextGen Frequent Lines



Service Design Warrants

NextGen

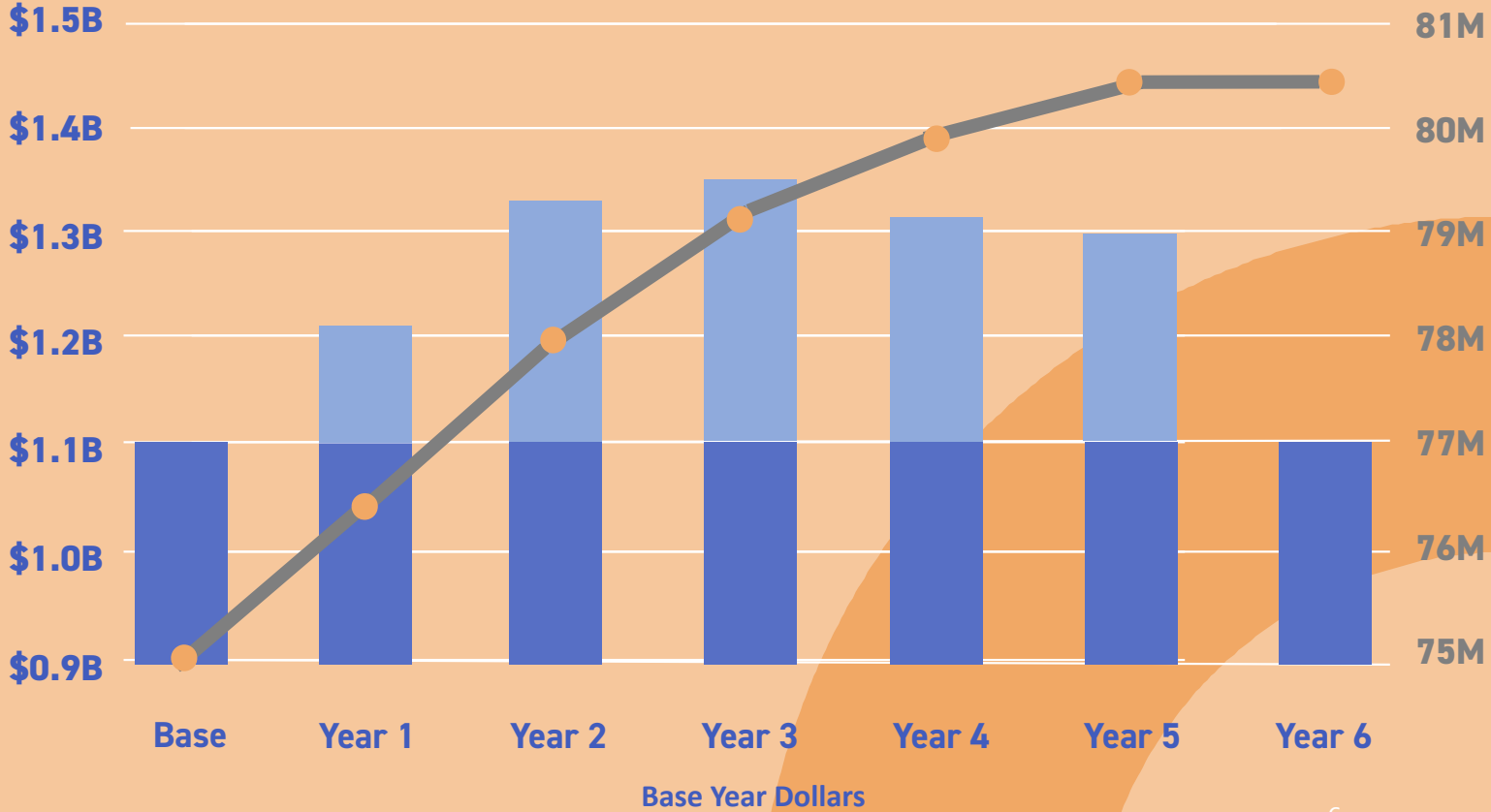
Rapid

Frequent Headways	5-10 min	5-10 min
Stop Spacing	0.25-0.3 mi	0.5-0.75 mi
Transit Priorities/bus lanes	✓	✓
Bus Bulbs/Islands	✓	✗
Stop Amenities	✓	✓
Faster Boarding	✓	✗
Branded Buses and Stations	✗	✓
Headway Operations/Line Managers	✓	✓

Phasing Improvements

Capital investments create opportunities for system enhancements.

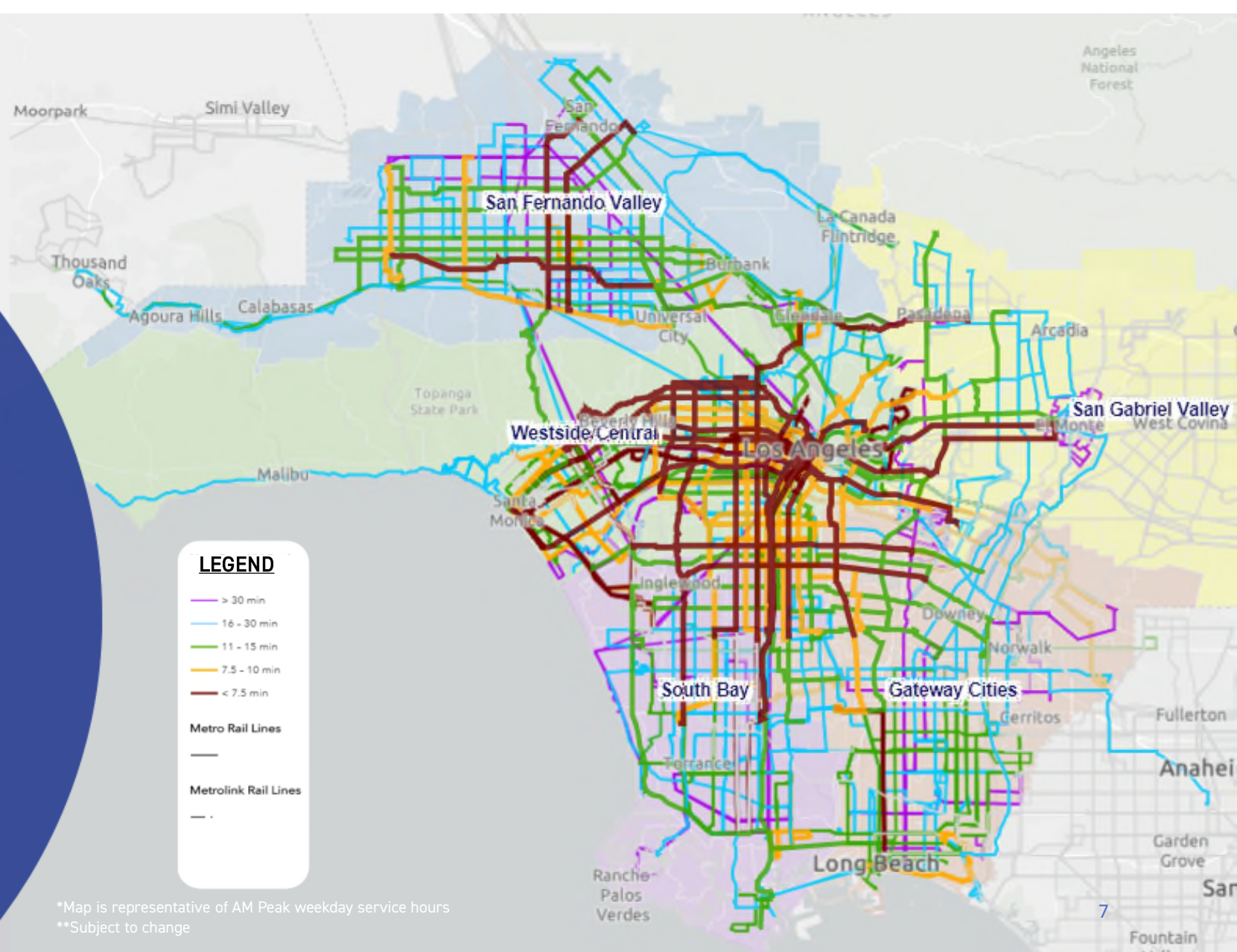
- Revenue Miles
- Capital Programs
- Current Operations



Transit First

The full network complements Muni lines, Metro Rail, & Metrolink services

83% of Metro's bus riders would have frequent service all-day (compared with 48% today)



Next Steps



Historical Ridership Trends

		1985	1990	1997	2000	2005	2010	2015	2017	
1	Bus	LACMTA (Bus)	497,158,321	401,054,700	351,289,226	359,001,513	377,268,411	365,975,482	342,749,692	289,999,055
2		Muni Operators	54,900,600	65,573,000	87,838,916	105,579,793	135,992,801	137,095,260	127,749,026	99,059,684
3		Subtotal (Bus)	552,058,921	466,627,700	439,128,142	464,581,306	513,261,212	503,070,742	470,498,718	389,058,739
4		<i>Change</i>		-15%	-6%	6%	10%	-2%	-6%	-17%
5	Rail	LACMTA (Rail)			34,287,541	57,817,208	74,242,912	94,314,992	110,281,822	113,397,844
6		Metrolink			5,534,633	6,978,588	10,693,327	12,005,849	13,062,262	14,396,198
7		Subtotal (Rail)			39,822,174	64,795,796	84,936,239	106,320,841	123,344,084	127,794,042
8		<i>Ann Change</i>				63%	31%	25%	16%	4%
9	Access	Access Services					2,777,037	4,092,766	4,389,944	
10		<i>Ann Change</i>						47%	7%	
11	Total	Total (System)	552,058,921	466,627,700	478,950,316	529,377,102	598,197,451	612,168,620	597,935,568	521,242,725
12		<i>Ann Change</i>		-15%	3%	11%	13%	2%	-2%	-13%

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