

Metro 2028 Games Mobility Concept Plan Bus-Only Lane Evaluation and Phasing



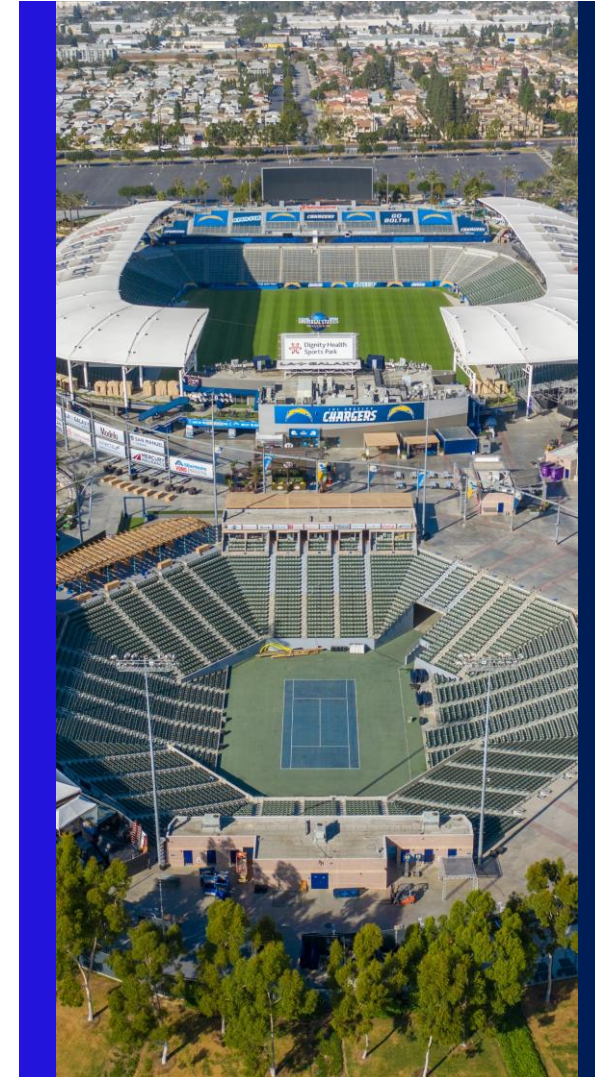
April 2025

Countywide Bus Only Lanes Purpose:
Prioritize bus transit and provide fast bus speeds
along the NextGen Tier 1 and BRT Vision +
Principles corridors by using the GRN as a catalyst



Agenda

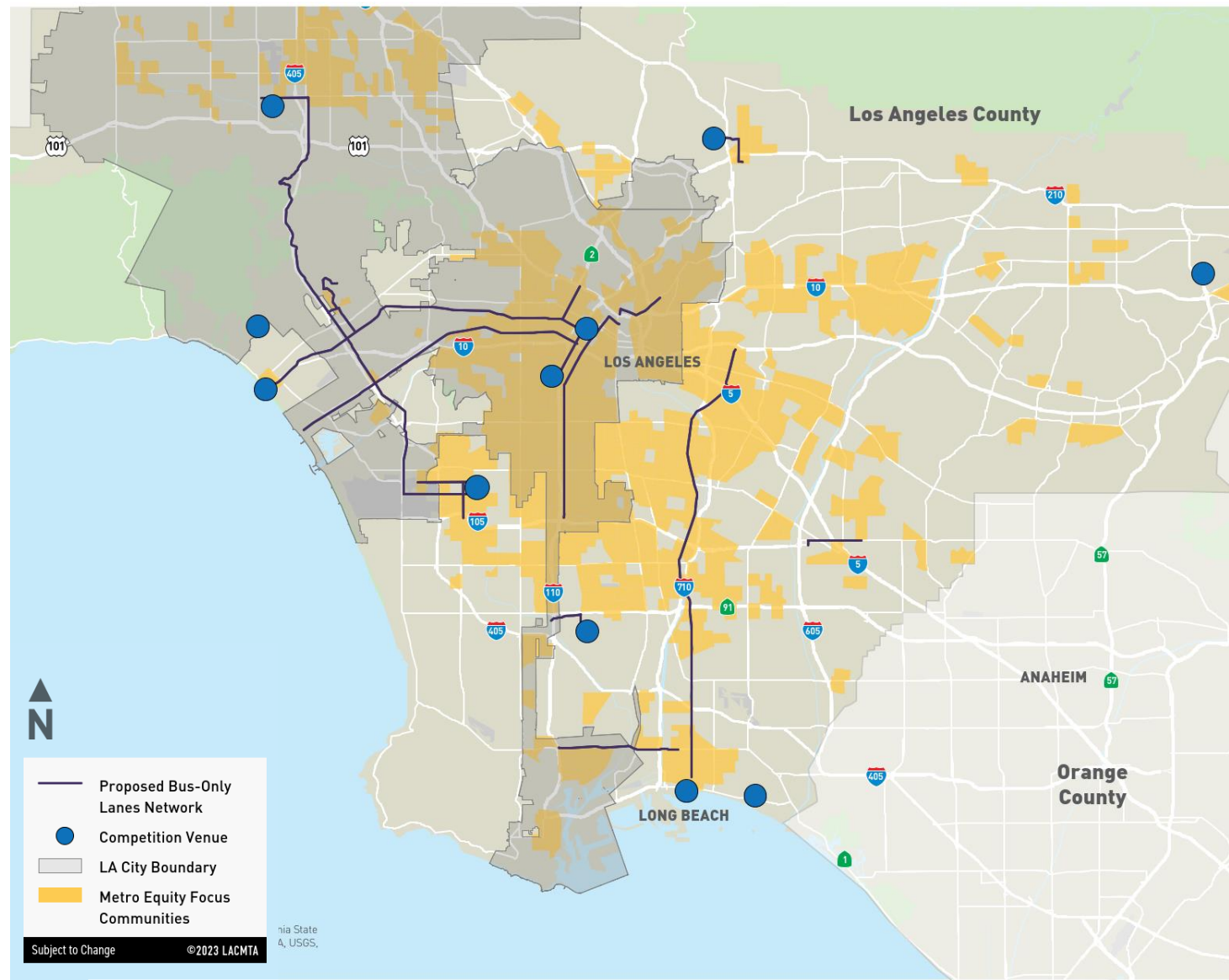
- How we arrived here
- Corridors evaluated
- Evaluation results
- Proposed phasing



How we arrived here

- Collaborated with the Bus Speed and Reliability Working Group
- Reviewed previous plans and studies
 - Metro BRT Vision and Principles Study
 - Metro NextGen Plan
 - San Gabriel Valley Council of Governments Transit Study
 - City of LA Mobility Plan 2035
- Collected data about existing conditions (desktop and in person)
- Developed an evaluation framework in collaboration with Metro Countywide Planning & Development and Metro Operations
- Designed typical proposed cross sections based on past Metro's experience implementing the City of LA Tier 1 NextGen bus-only lane corridors
- Evaluated corridors based on 7 themes, 18 measures, and varying scenarios with different weights

Corridors Evaluated



Jurisdiction	Corridor
Carson	Avalon
Carson	182nd/Albertoni
City of LA	Alvarado
City of LA	Cesar Chavez
City of LA	Broadway
City of LA	1st
City of LA	Figueroa
City of LA	Venice
City of LA	Victory
City of LA	Gayley
City of LA	Westwood
City of LA	Sepulveda
City of LA	Veteran
City of LA	Sunset
City of LA, Beverly Hills, Santa Monica	Wilshire
City of LA, Beverly Hills, Santa Monica	Olympic
City of LA, Inglewood	Century
Gateway Cities	Atlantic
Inglewood	La Brea/ Hawthorne
Inglewood	Arbor Vitae
Long Beach	Pacific Coast
Norwalk	Studebaker
Norwalk	Imperial
Pasadena	Holly
Pasadena	Fair Oaks
Pasadena	Seco/Mountain

Scenario 1: Weighting from Initial Evaluation Results

ID	Theme	Evaluation Question	Scenario 1
1	Speed & Reliability	How much delay is there in the corridor?	15.00%
2	Implementation	How much of the corridor can physically accommodate bus only lanes?	5.00%
3	Implementation	How compatible would bus only lanes be with vehicular traffic demand in the corridor?	5.00%
4	Implementation	How much of the corridor is within the Metro NextGen Tier 1 bus network?	5.00%
5	Implementation	How much of the corridor is within the Los Angeles Mobility Plan 2035's Transit Enhanced Network (TEN)?	5.00%
6	Implementation	How politically viable are bus only lanes in the corridor?	5.00%
7	Equity	Does the corridor contain LA Metro Equity Focused Communities?	8.33%
8	Equity	Does the corridor contain US DOT Disadvantage Census Tracts?	8.33%
9	Equity	Is the corridor within an area of environmental justice?	8.33%
10	Connectivity	Does the corridor serve Games venues?	5.00%
11	Connectivity	Could the corridor serve as a contingency route for freeway Games Route Network travel?	5.00%
12	Connectivity	How connected is the corridor to other bus routes?	5.00%
13	Connectivity	How connected is the corridor to rail stations in 2026?	5.00%
14	Access	Does the corridor improve access to community assets?	3.00%
15	Access	How many people live in the corridor?	3.00%
16	Access	How many jobs are within the corridor?	3.00%
17	Environment	How is the air quality in the corridor?	3.00%
18	Safety	Does the corridor have a high concentration of traffic injuries?	3.00%

TOTAL = 100.00%

Scenario Rank	Scenario 1 Corridor Name
1	Alvarado
2	Cesar Chavez
3	Broadway
4	1st
5	Figueroa
6	Venice
7	Victory
8	Wilshire
9	La Brea/Hawthorne
10	Olympic
11	Studebaker
12	Century
13	Atlantic
14	Westwood
15	Sepulveda
16	Holly
17	Fair Oaks
18	Gayley
19	Veteran
20	Avalon
21	Imperial
22	Pacific Coast
23	Seco/Mountain
24	Arbor Vitae
25	Sunset
26	182nd/Albertoni

Scenario 2: Weighting Focused on Federal Funding Priorities

ID	Theme	Evaluation Question	Scenario 2
1	Speed & Reliability	How much delay is there in the corridor?	0.00%
2	Implementation	How much of the corridor can physically accommodate bus only lanes?	0.00%
3	Implementation	How compatible would bus only lanes be with vehicular traffic demand in the corridor?	0.00%
4	Implementation	How much of the corridor is within the Metro NextGen Tier 1 bus network?	5.00%
5	Implementation	How much of the corridor is within the Los Angeles Mobility Plan 2035's Transit Enhanced Network (TEN)?	5.00%
6	Implementation	How politically viable are bus only lanes in the corridor?	0.00%
7	Equity	Does the corridor contain LA Metro Equity Focused Communities?	15.00%
8	Equity	Does the corridor contain US DOT Disadvantage Census Tracts?	15.00%
9	Equity	Is the corridor within an area of environmental justice?	15.00%
10	Connectivity	Does the corridor serve Games venues?	0.00%
11	Connectivity	Could the corridor serve as a contingency route for freeway Games Route Network travel?	0.00%
12	Connectivity	How connected is the corridor to other bus routes?	0.00%
13	Connectivity	How connected is the corridor to rail stations in 2026?	0.00%
14	Access	Does the corridor improve access to community assets?	0.00%
15	Access	How many people live in the corridor?	15.00%
16	Access	How many jobs are within the corridor?	15.00%
17	Environment	How is the air quality in the corridor?	0.00%
18	Safety	Does the corridor have a high concentration of traffic injuries?	15.00%
TOTAL =			100.00%

Scenario Rank	Scenario 2 Corridor Name
1	Alvarado
2	Broadway
3	Cesar Chavez
4	1st
5	Figueroa
6	Venice
7	La Brea/Hawthorne
8	Wilshire
9	Olympic
10	Westwood
11	Atlantic
12	Pacific Coast
13	Victory
14	Holly
15	Gayley
16	Fair Oaks
17	Sunset
18	Veteran
19	Arbor Vitae
20	Sepulveda
21	Studebaker
22	Century
23	Imperial
24	Seco/Mountain
25	182nd/Albertoni
26	Avalon

Scenario Rank	Scenario 1 Corridor Name
1	Alvarado
2	Cesar Chavez
3	Broadway
4	1st
5	Figueroa
6	Venice
7	Victory
8	Wilshire
9	La Brea/Hawthorne
10	Olympic
11	Studebaker
12	Century
13	Atlantic
14	Westwood
15	Sepulveda
16	Holly
17	Fair Oaks
18	Gayley
19	Veteran
20	Avalon
21	Imperial
22	Pacific Coast
23	Seco/Mountain
24	Arbor Vitae
25	Sunset
26	182nd/Albertoni

Scenario 3: Weighting Focused on Implementation

ID	Theme	Evaluation Question	Scenario 3
1	Speed & Reliability	How much delay is there in the corridor?	0.00%
2	Implementation	How much of the corridor can physically accommodate bus only lanes?	20.00%
3	Implementation	How compatible would bus only lanes be with vehicular traffic demand in the corridor?	20.00%
4	Implementation	How much of the corridor is within the Metro NextGen Tier 1 bus network?	20.00%
5	Implementation	How much of the corridor is within the Los Angeles Mobility Plan 2035's Transit Enhanced Network (TEN)?	20.00%
6	Implementation	How politically viable are bus only lanes in the corridor?	20.00%
7	Equity	Does the corridor contain LA Metro Equity Focused Communities?	0.00%
8	Equity	Does the corridor contain US DOT Disadvantage Census Tracts?	0.00%
9	Equity	Is the corridor within an area of environmental justice?	0.00%
10	Connectivity	Does the corridor serve Games venues?	0.00%
11	Connectivity	Could the corridor serve as a contingency route for freeway Games Route Network travel?	0.00%
12	Connectivity	How connected is the corridor to other bus routes?	0.00%
13	Connectivity	How connected is the corridor to rail stations in 2026?	0.00%
14	Access	Does the corridor improve access to community assets?	0.00%
15	Access	How many people live in the corridor?	0.00%
16	Access	How many jobs are within the corridor?	0.00%
17	Environment	How is the air quality in the corridor?	0.00%
18	Safety	Does the corridor have a high concentration of traffic injuries?	0.00%
			100.00%

Scenario Rank	Scenario 3 Corridor Name
1	Cesar Chavez
2	Venice
3	Broadway
4	Alvarado
5	Wilshire
6	Figueroa
7	Olympic
8	Victory
9	Sepulveda
10	La Brea/Hawthorne
11	Westwood
12	Century
13	1st
14	Atlantic
15	Studebaker
16	Gayley
17	Imperial
18	Fair Oaks
	Pacific Coast
	Seco/Mountain
	Sunset
	Veteran
23	182nd/Albertoni
24	Avalon
25	Arbor Vitae
26	Holly

Scenario Rank	Scenario 1 Corridor Name
1	Alvarado
2	Cesar Chavez
3	Broadway
4	1st
5	Figueroa
6	Venice
7	Victory
8	Wilshire
9	La Brea/Hawthorne
10	Olympic
11	Studebaker
12	Century
13	Atlantic
14	Westwood
15	Sepulveda
16	Holly
17	Fair Oaks
18	Gayley
19	Veteran
20	Avalon
21	Imperial
22	Pacific Coast
23	Seco/Mountain
24	Arbor Vitae
25	Sunset
26	182nd/Albertoni

Top Performers

Scenario 1 Rank	Corridor Name	Primary Purpose	Package
1	Alvarado	Legacy	Downtown LA
2	Cesar Chavez	Legacy	Downtown LA
3	Broadway	Legacy	Broadway
4	1st	Legacy	Broadway
5	Figueroa	Legacy	Downtown LA
6	Venice	Legacy	Venice
7	Victory	Games	Sepulveda
8	Wilshire	Games	UCLA
9	La Brea/Hawthorne	Legacy	Inglewood
10	Olympic	Legacy	Olympic
11	Studebaker	Legacy	Norwalk
12	Century	Games	Inglewood
13	Atlantic	Legacy	n/a
14	Westwood	Games	UCLA
15	Sepulveda	Games	Sepulveda
16	Holly	Games	Pasadena
17	Fair Oaks	Games	Pasadena
18	Gayley	Games	UCLA
19	Veteran	Games	UCLA
20	Avalon	Games	Carson
21	Imperial	Legacy	Norwalk
22	Pacific Coast	Games	n/a
23	Seco/Mountain	Games	Pasadena
24	Arbor Vitae	Games	Inglewood
25	Sunset	Games	UCLA
26	182nd/Albertoni	Games	Carson

- Identified the primary purpose of each corridor to help prioritize legacy
- Three packages performed well
 - Broadway
 - Downtown LA
 - Inglewood (La Brea/Hawthorne and Century)
- Two standalone corridors ranked in the top 10
 - Venice (#6)
 - Olympic (#10)
- Additional package identified as a key link
 - Norwalk

Map of Proposed 2028 Games MCP Bus Only Lane Corridors



- **Six Proposed Corridors**
 1. Inglewood package
 2. Broadway
 3. Downtown LA package
 4. Venice
 5. Olympic
 6. Norwalk
- **Alignment with pending and future NextGen and BRT bus-only lanes**
 - Broadway (northern segment)
 - Venice (central segment)
 - Olympic (eastern segment)
 - Hawthorne/La Brea