

TORRANCE TRANSIT TOMORROW

August 27, 2019



AGENDA

01 | Project Overview

02 | Existing Conditions

03 | Community Input

04 | Service Recommendations

05 | Next Steps



PROJECT OVERVIEW



Comprehensive examination of service, operations and ridership



Evaluation of current and future transit markets



Review of future transit and development projects



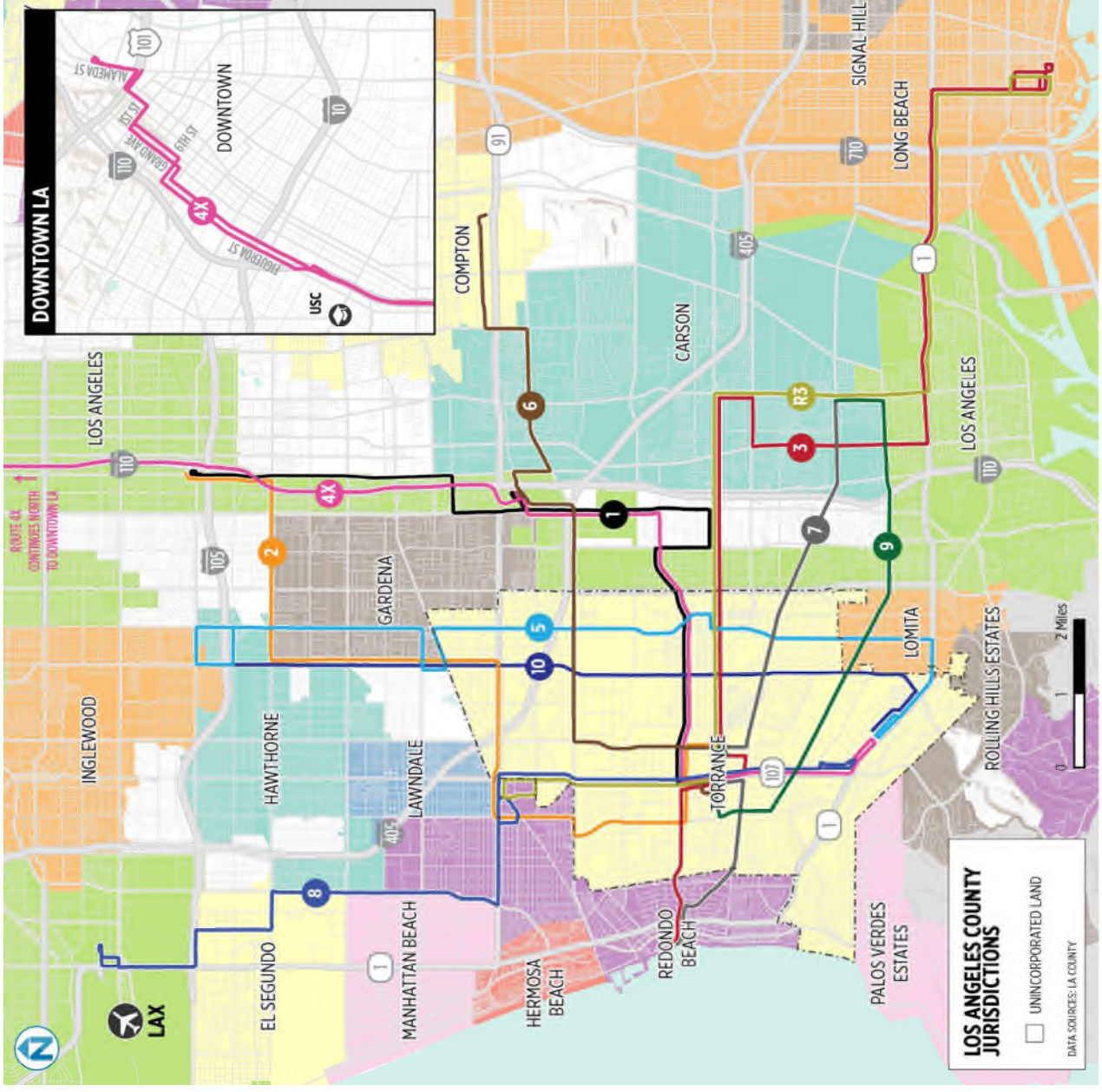
Extensive community and stakeholder engagement

Outcome: 10-year plan to optimize and expand service

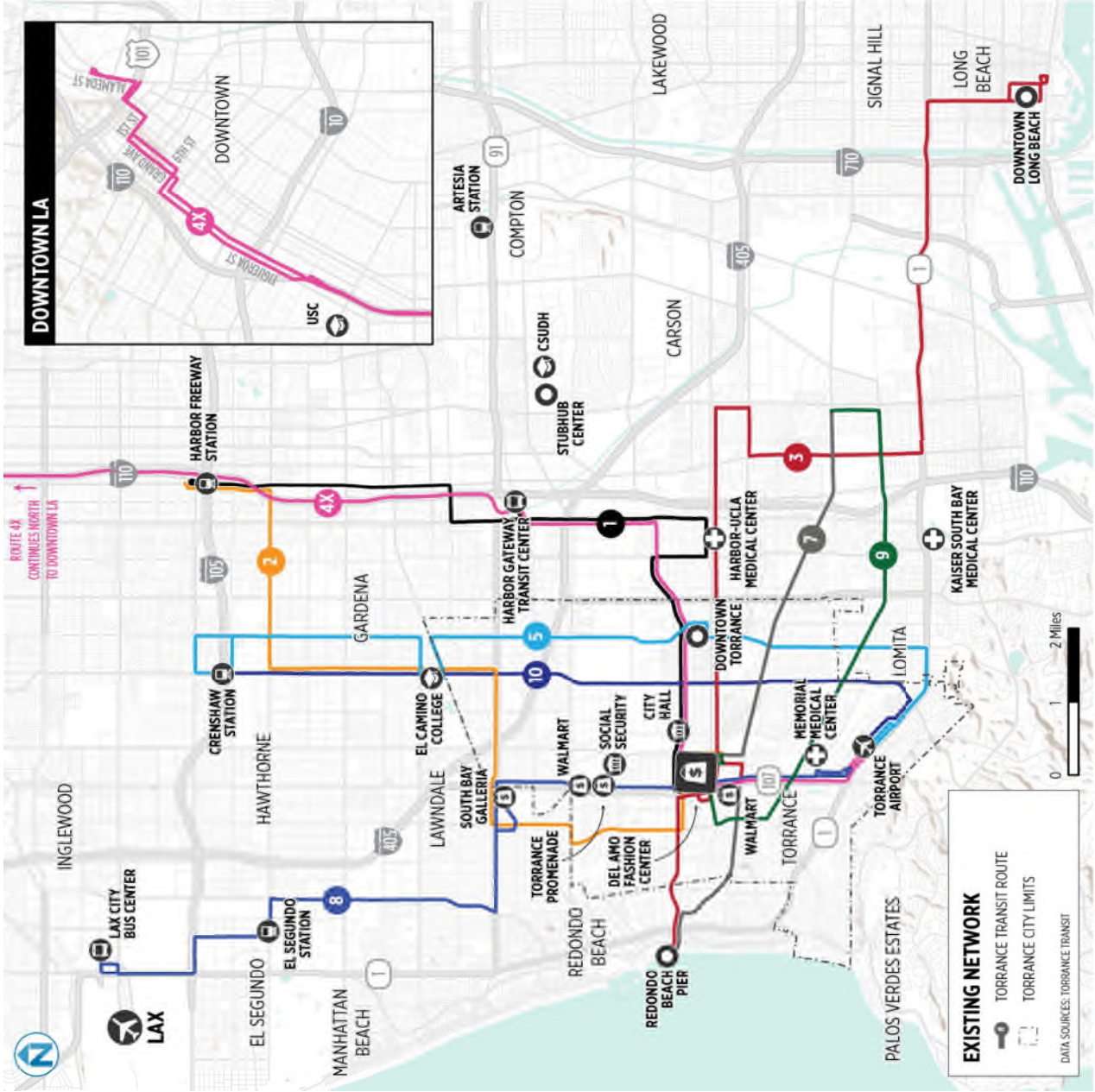


EXISTING CONDITIONS

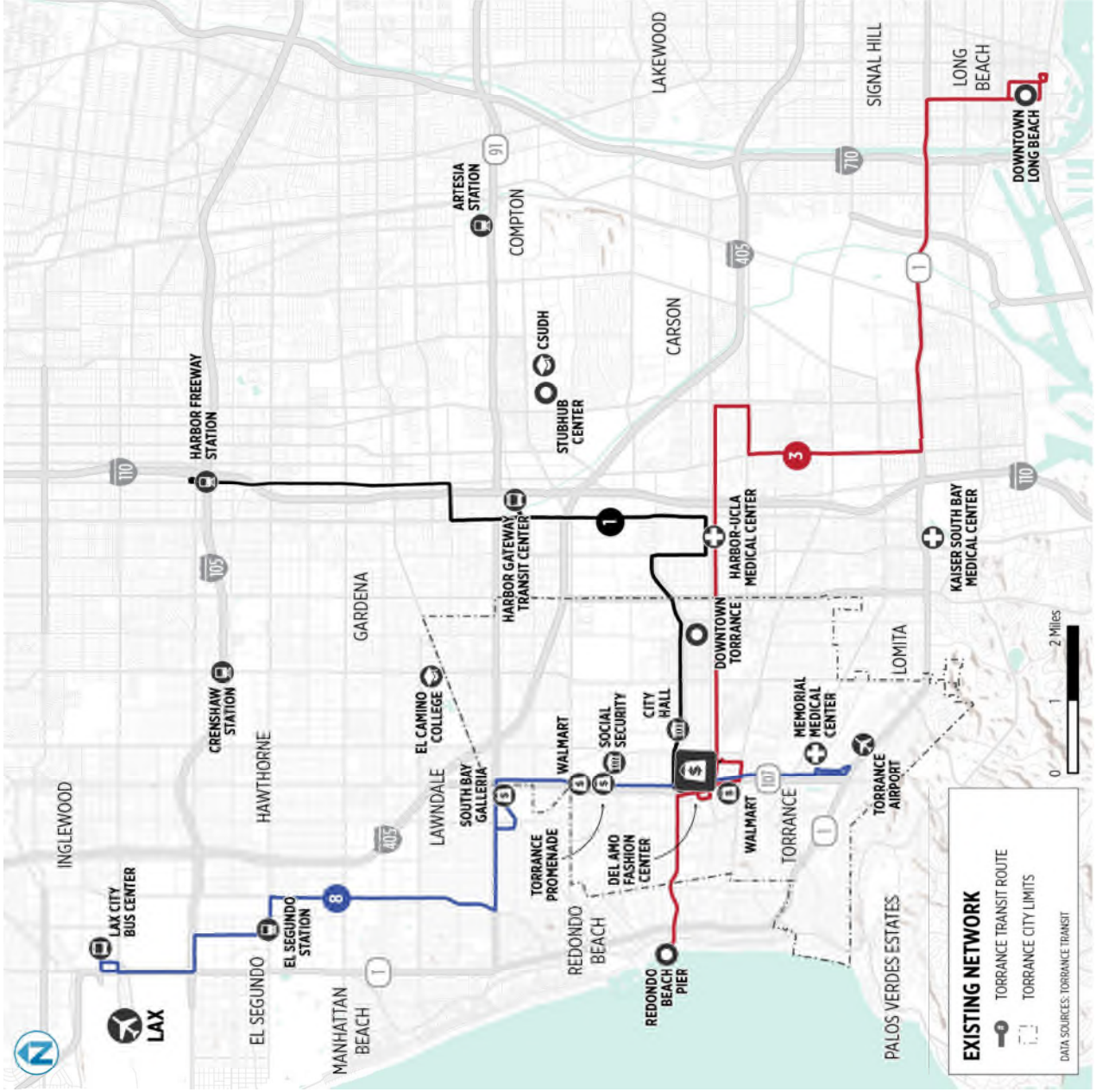
11 lines
20 jurisdictions
800 stops



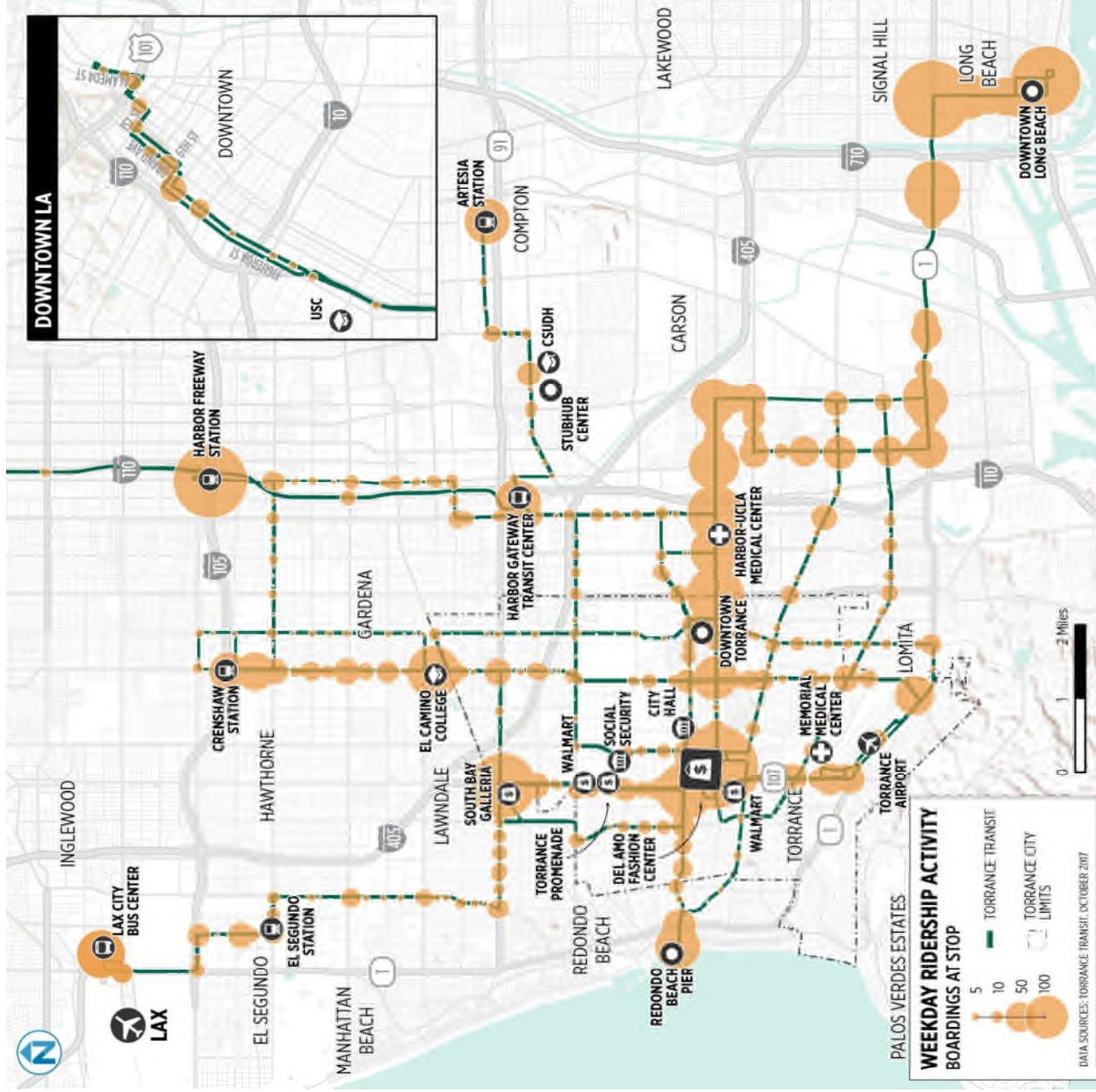
SATURDAY NETWORK



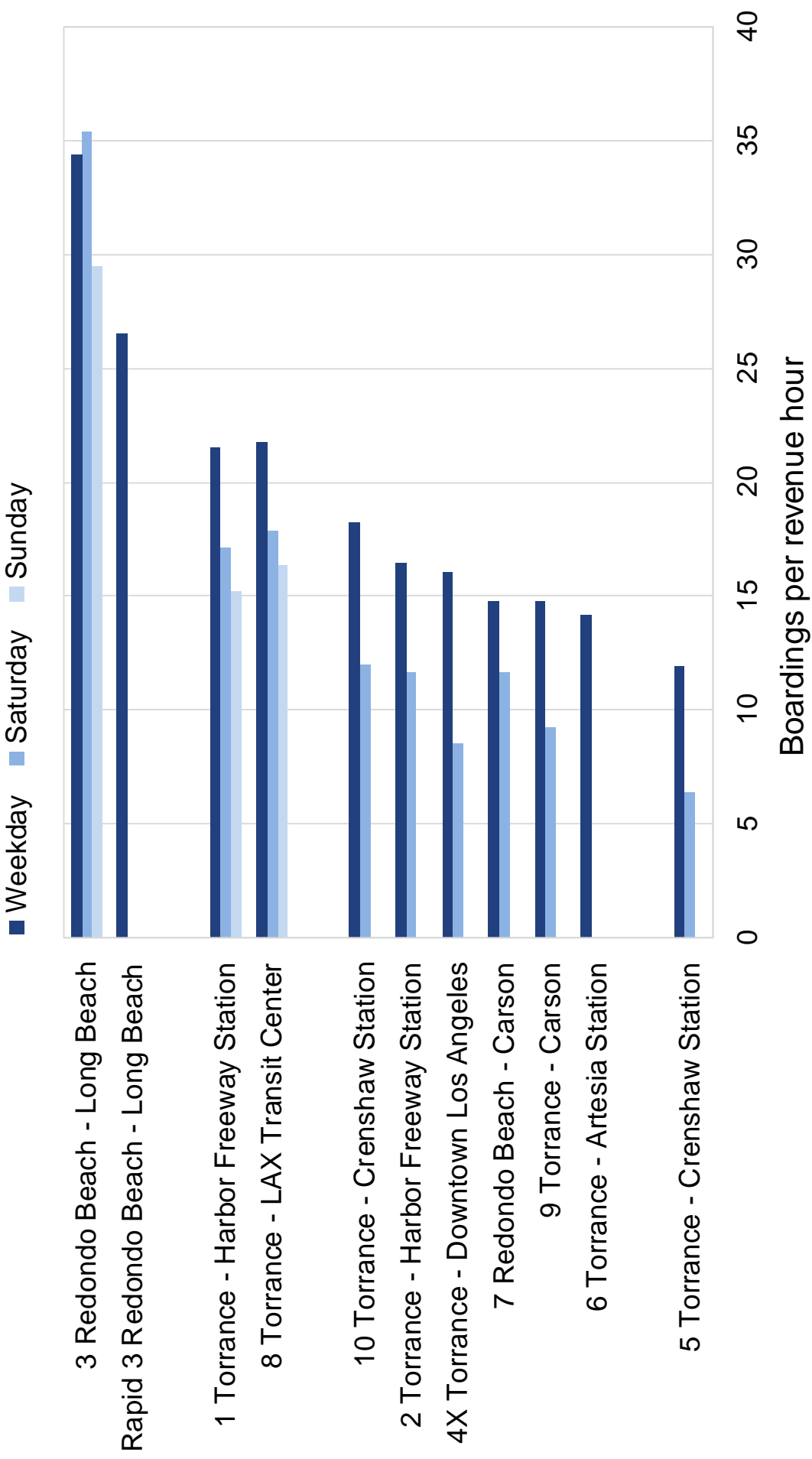
SUNDAY NETWORK



SYSTEM RIDERSHIP



RIDERSHIP PRODUCTIVITY



WEEKDAY



11 routes



552 service hours

12,382 daily weekday riders

22 riders per service hour



60% on-time performance

SATURDAY



9 routes



335 service hours

6,369 daily Saturday riders

19 riders per service hour



64% on-time performance

SUNDAY



3 routes



154 service hours

3,744 daily Sunday riders

24 riders per service hour



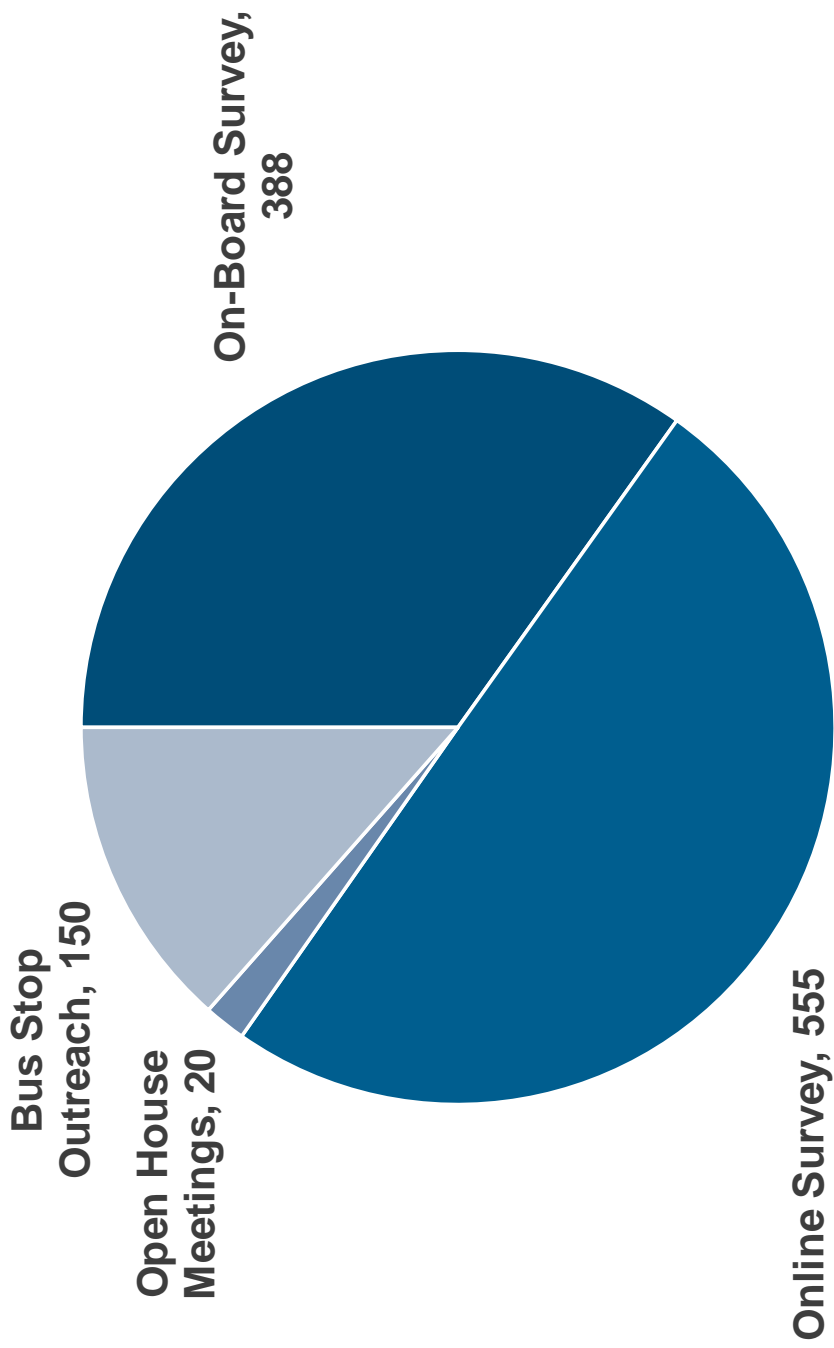
65% on-time performance



COMMUNITY INPUT

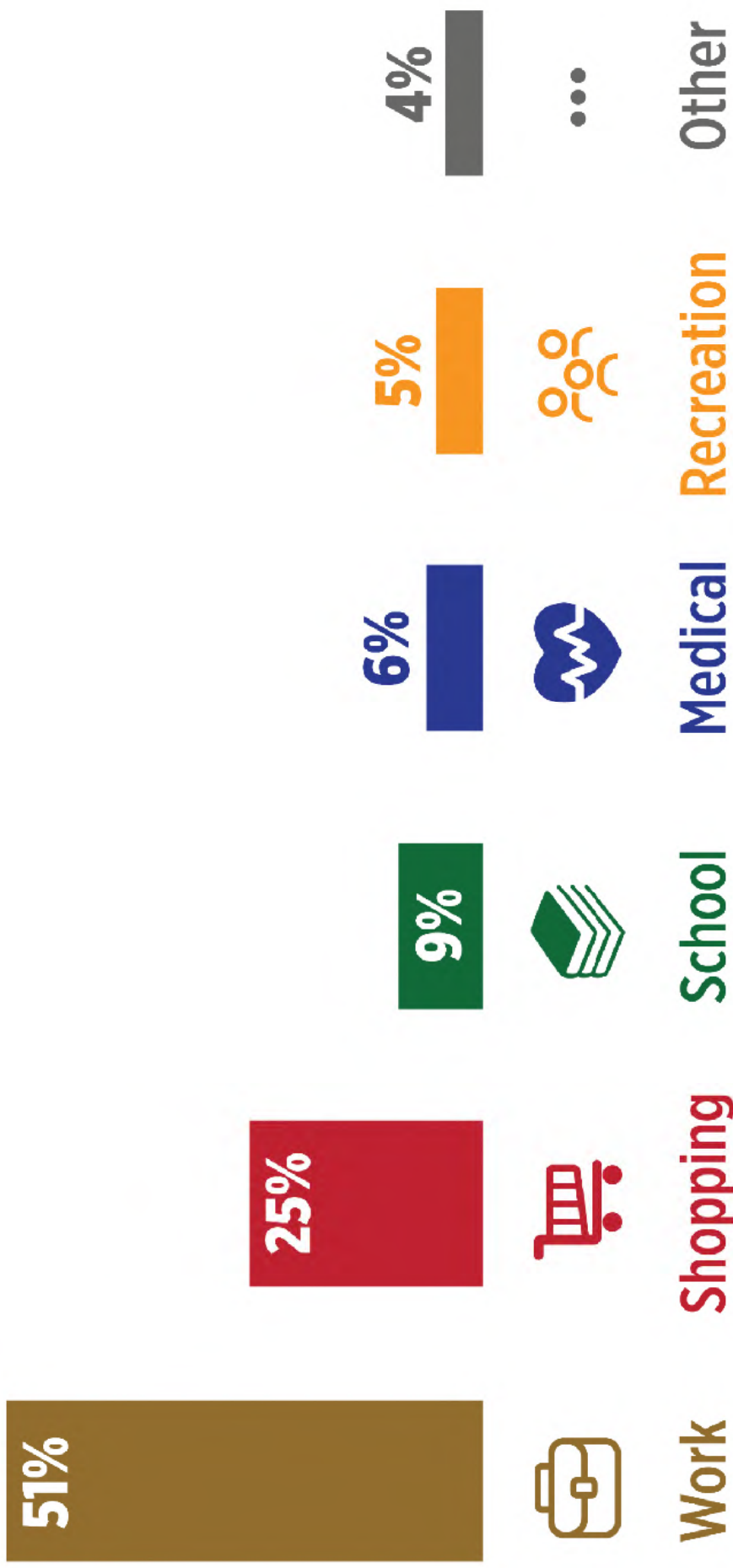
ROUND 1 OUTREACH

Community Participation



ON-BOARD SURVEY

Trip Purpose



ON-BOARD SURVEY

Ridehailing App Usage



43%

of riders had used Uber or Lyft within the past 30 days

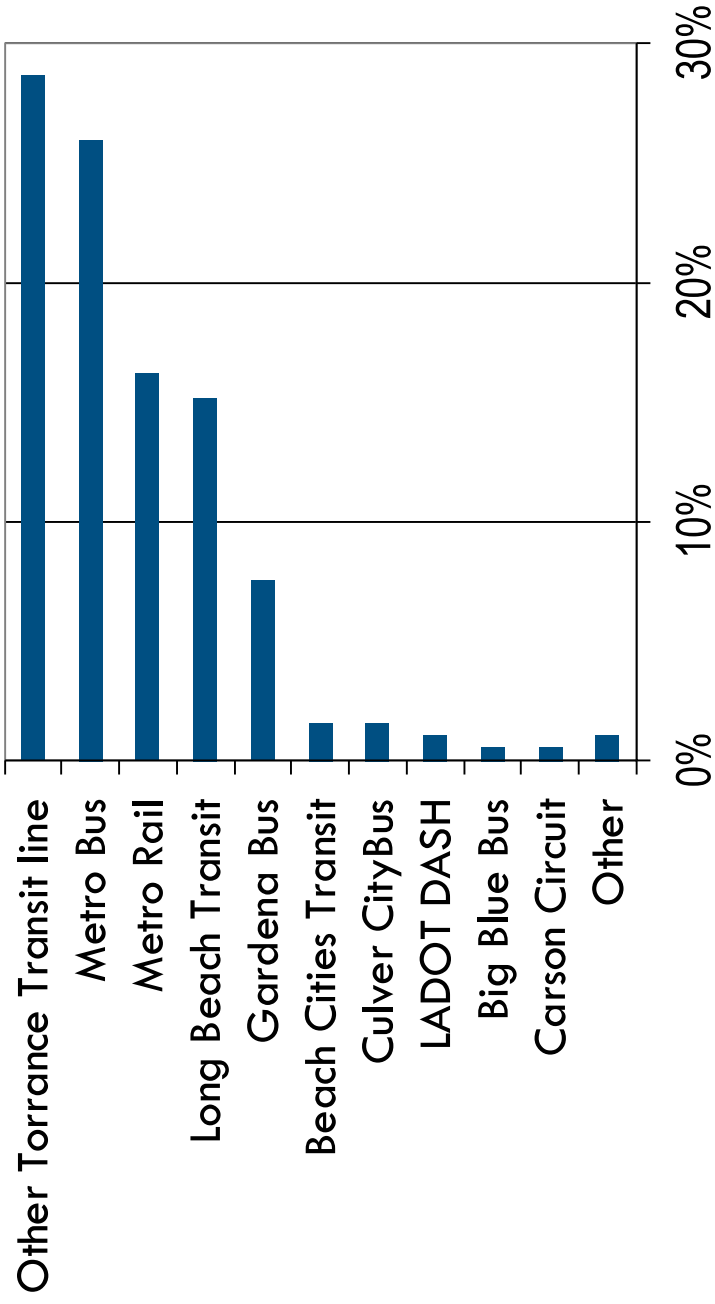
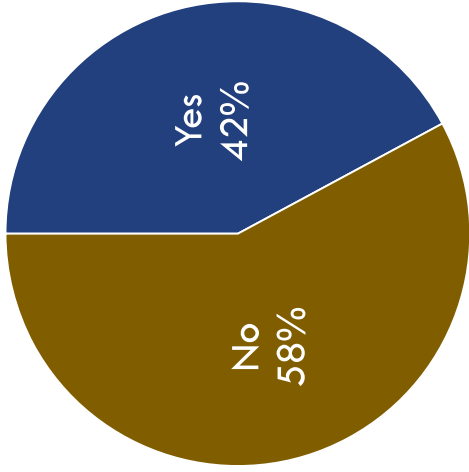


57%

had not used Uber or Lyft within the past 30 days

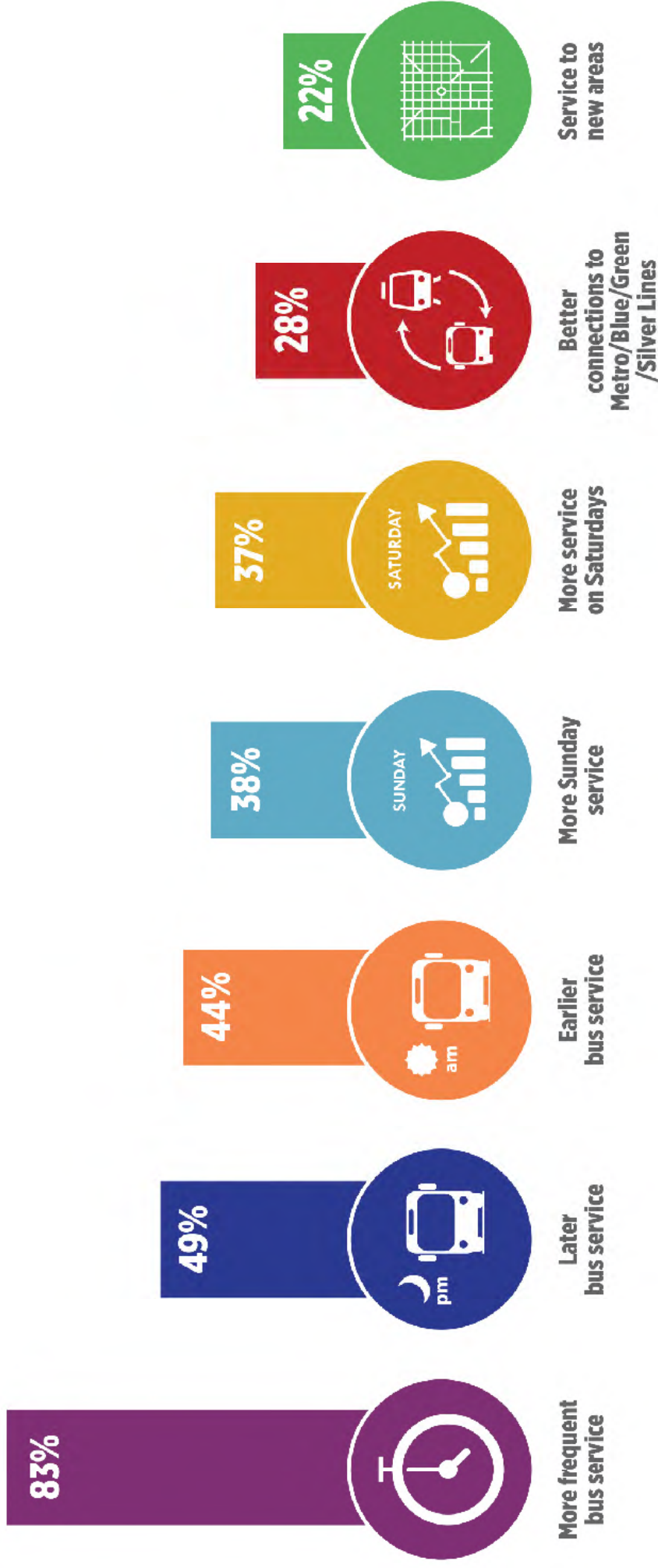
ON-BOARD SURVEY

Transfers



ON-BOARD + ONLINE SURVEY

Preferred Service Improvements



ROUND 1 OUTREACH SURVEY COMMENTS

Wish the bus came more frequently. I have to wait a whole hour for the bus at night.

Can the bus run later than 10:30 on weekdays and weekends?

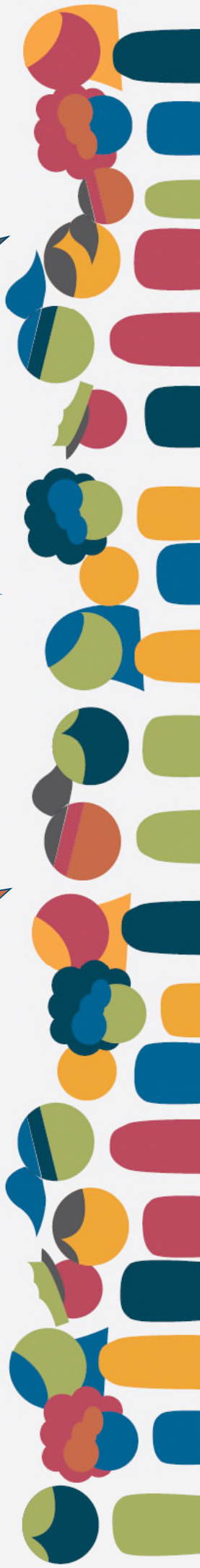
I really enjoy being able to take the 4X from Old Torrance to Downtown LA for work.

I'd love if the Torrance 7 and 9 routes ran more frequently.

PLEASE let Route 10 have service on Sundays. I am sick of taking Uber on Sunday.

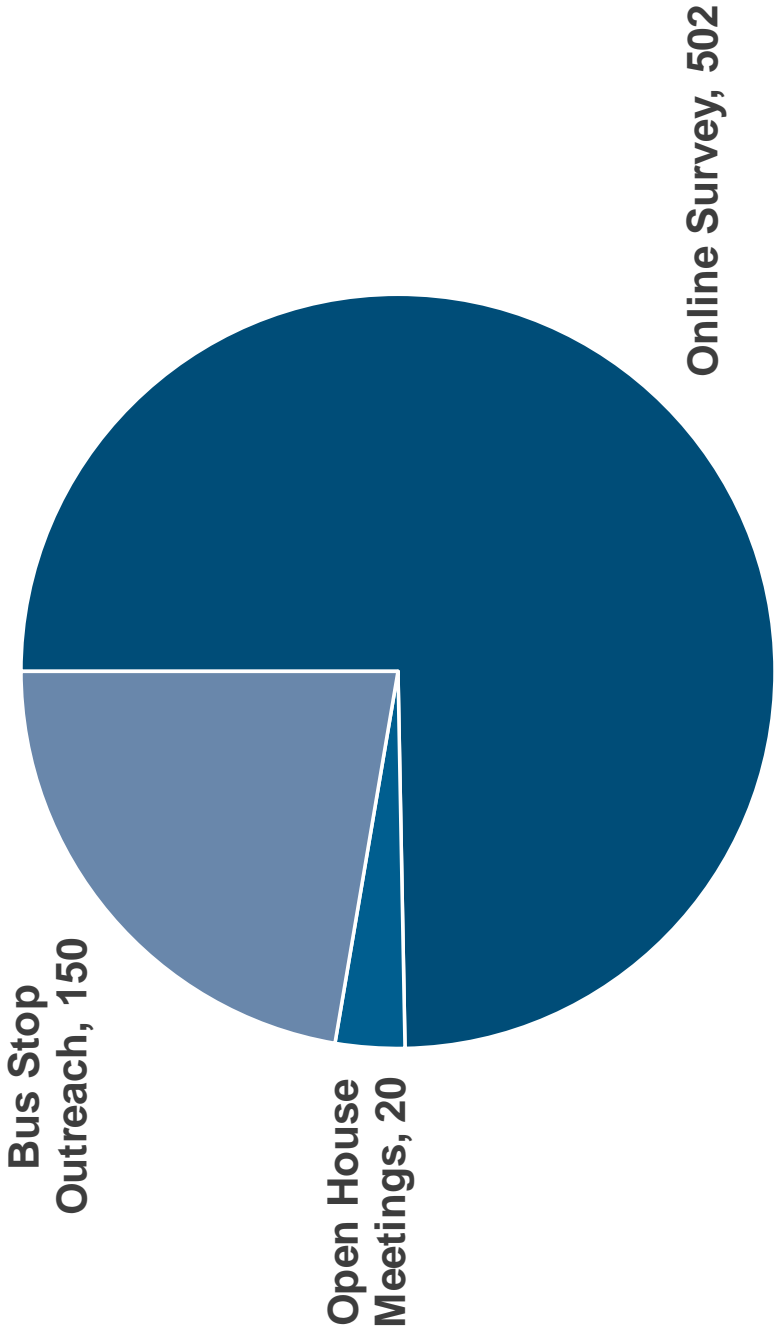
I wish it went back to when the buses would come every half hour.

I would like the 10 and 2 to run on Sunday.



ROUND 2 OUTREACH

Community Participation



ROUND 2 OUTREACH

Route Network Alternatives and Expansion Prioritization



Alternative 1: Frequency



Alternative 2: Coverage



How should Torrance Transit prioritize future service improvements?

Frequency Improvements	
Improve weekday frequency on Line 1	
Improve weekday frequency on Line 3	
Improve weekday frequency on Line 8	
Improve weekday frequency on Line 10	
Expanded Hours of Service	
End overnight service one hour later on all lines	
Start weekday morning service one hour earlier on all lines	
Weekend Service	
Increase Saturday service on all lines	
Operate all lines on Sunday	
Service Extensions	
Extend Line 3 to South Bay Galleria	
Extend Line 10 to future Inglewood Creamery/L&W Station	
Extend Line 7 to Willow Street Blue Line Station	
Extend Line 9 to Harbor College	
Line 4X Expansion	
Add weekday midday service to Line 4X	
Increase weekday peak hour service on Line 4X	

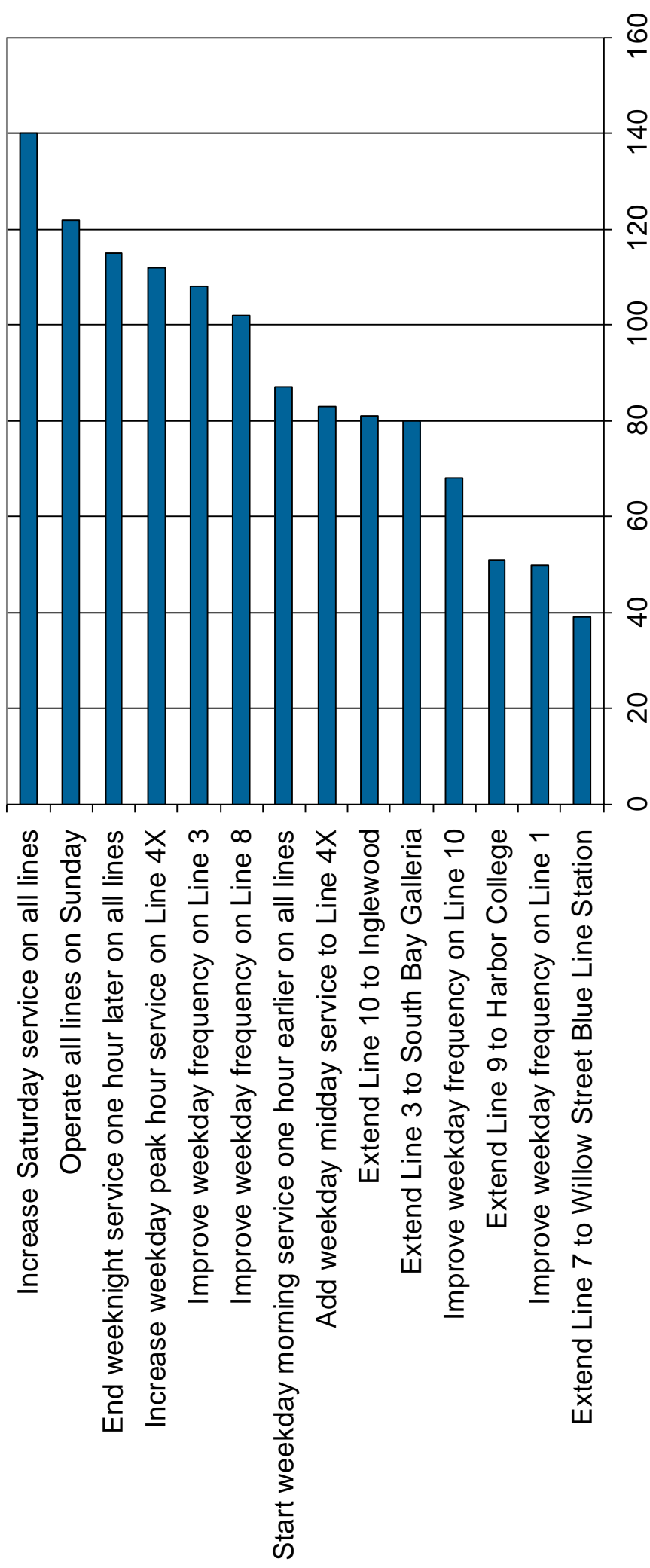
ROUND 2 OUTREACH

Bus Stop Outreach



ROUND 2 OUTREACH

Community Feedback: Expansion Priorities



ROUND 2 OUTREACH SURVEY COMMENTS

Love the extension to the new LA Stadium.

I like Bus 8 as is and I would like to see all lines operate on Sundays.

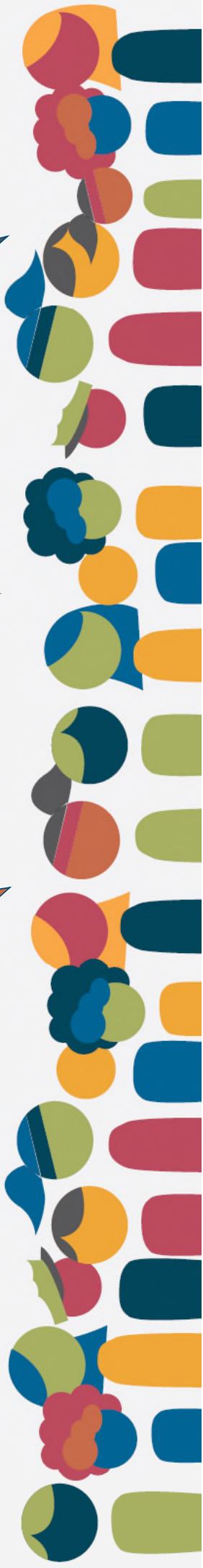
I don't like that you want to shorten the 4X. Why do we need to drive across Torrance??

I support a mix of both alternative 1 and alternative 2 especially the line 13 proposal.

Alternative 2 is the clear winner. You should not eliminate any bus lines at all.

Line 5 is vital to people or students of El Camino who live east side of Arlington Ave.

Keep Line 2 the way it is. There are school children and elderly people that need it.





SERVICE RECOMMENDATIONS



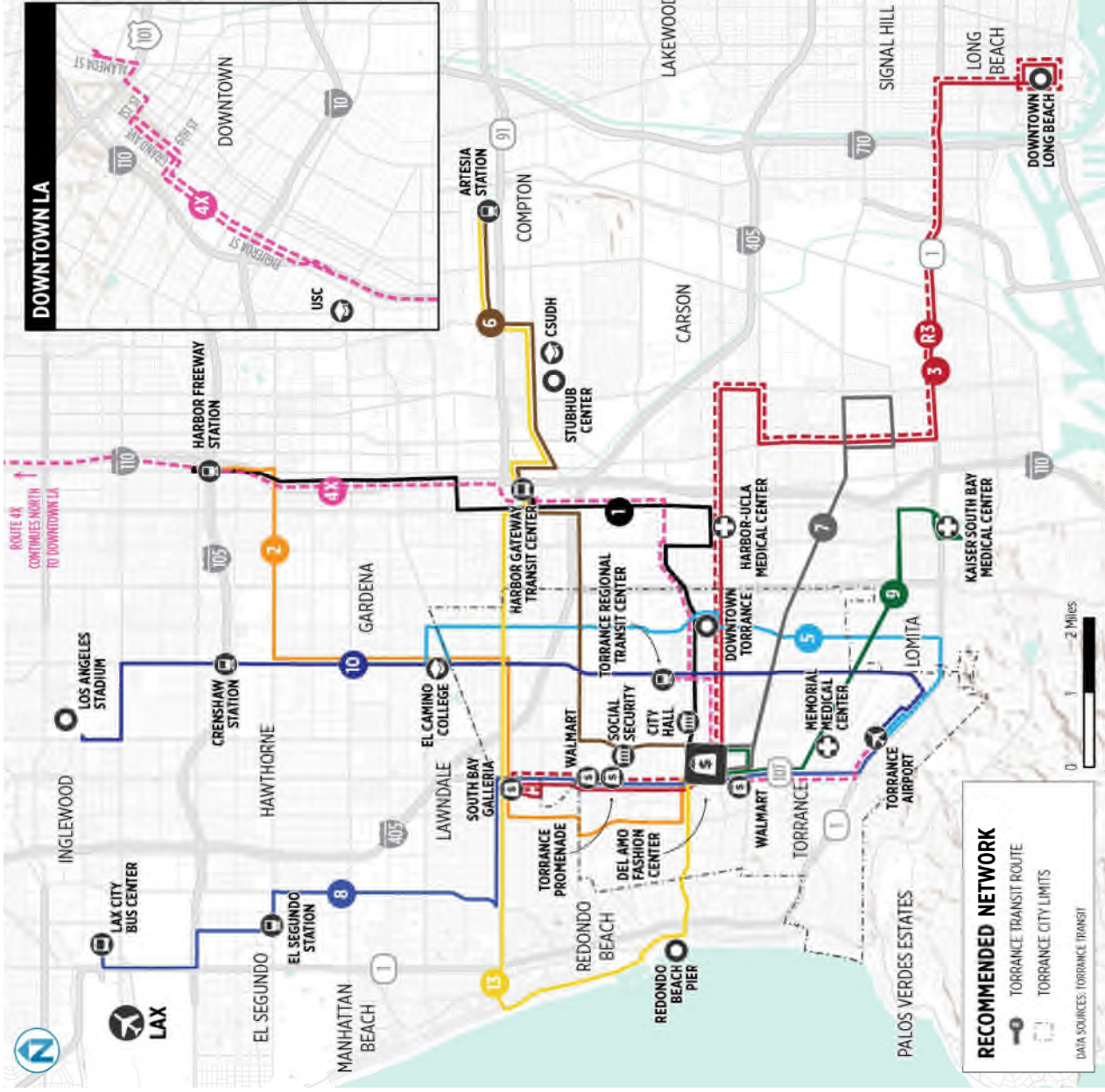
PHASE 1 RECOMMENDATIONS

- Improve regional connectivity
 - Extend Line 3 to South Bay Galleria
 - Extend Line 9 to Kaiser South Bay
 - Extend Line 10 to LA Stadium
 - New Line 13 to Beach Cities
- Reinvest underperforming services (Lines 5 and 6)
- Increase peak hour service on popular Line 4X
- Simplify service
 - Same alignment for Line 3 and Rapid 3
 - Consistency and connectivity at Del Amo Fashion Center and Zamperini

RECOMMENDED NETWORK

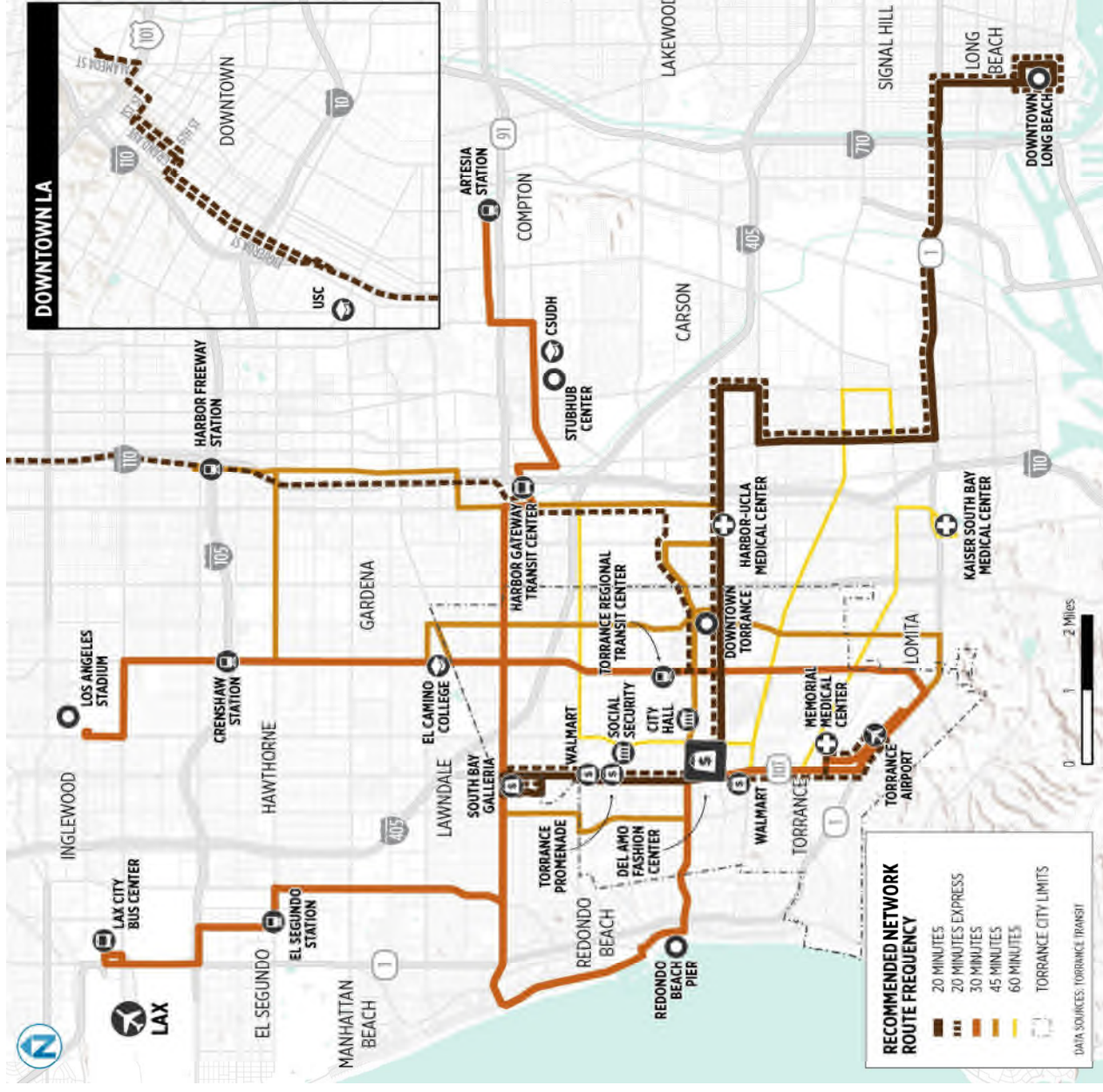
- 1** No routing changes
- 2** No routing changes
- 3** Extend to South Bay Galleria
- R3** Same alignment as Line 3
- 4X** Add stop at future Torrance RTC
- 5** Shorten to El Camino College
- 6** No routing changes
- 7** Shorten to Del Amo
- 8** No routing changes
- 9** Extend to Kaiser South Bay
- 10** Extend to LA Stadium
- 13** New line replacing segments of Line 3 and Metro Line 130

Discontinue interline



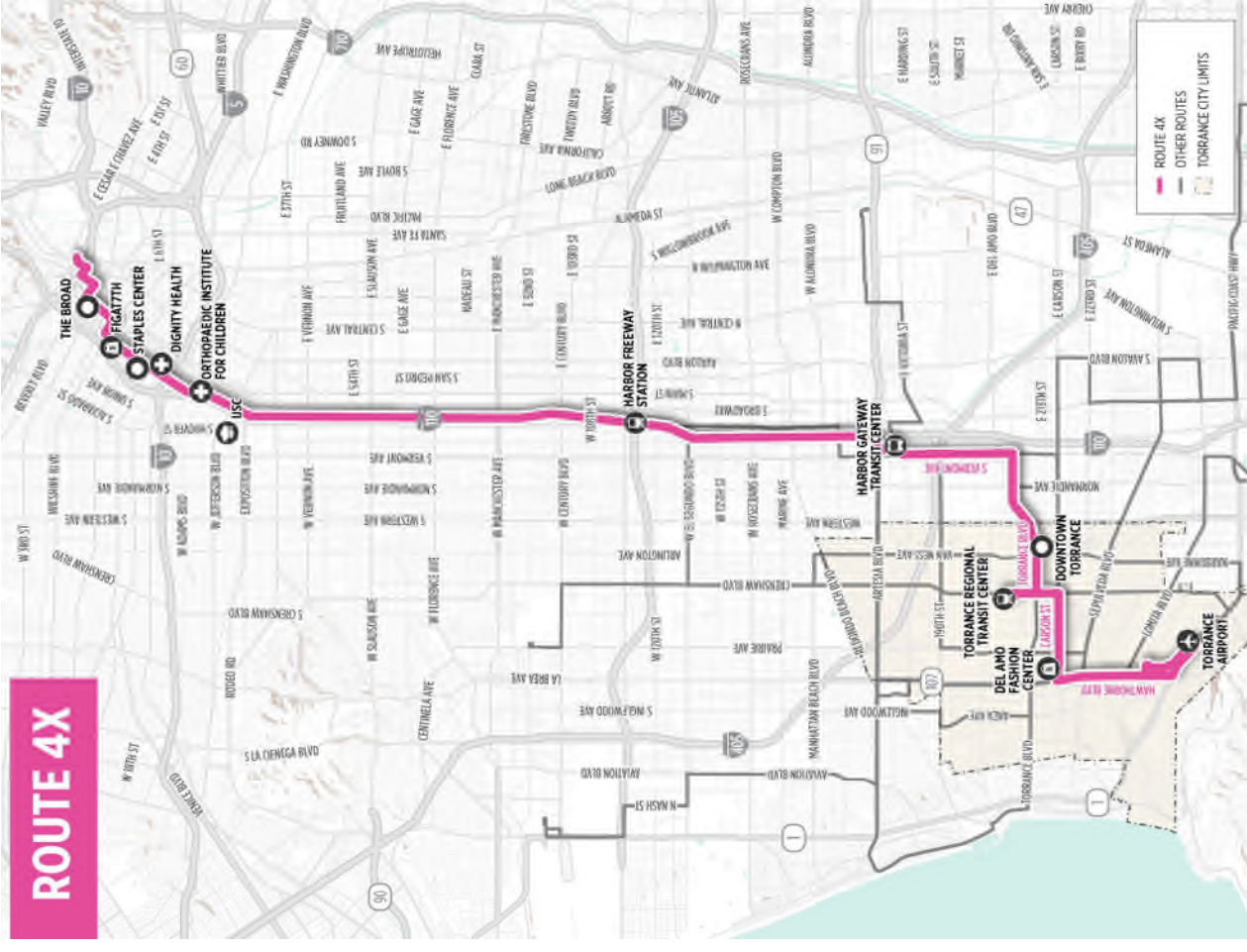
RECOMMENDED NETWORK

- 1 No significant schedules changes
- 2 **Improve peak headway from 60 to 45 minutes**
- 3 No significant schedules changes
- R3 No significant schedules changes
- 4X **Add 3 trips during each peak period**
- 5 **Improve headway from 60 to 45 minutes**
- 6 **Downgrade headway from 40 to 60 minutes**
- 7 No significant schedules changes
- 8 No significant schedules changes
- 9 No significant schedules changes
- 10 No significant schedules changes
- 13 **Operate every 30 minutes**

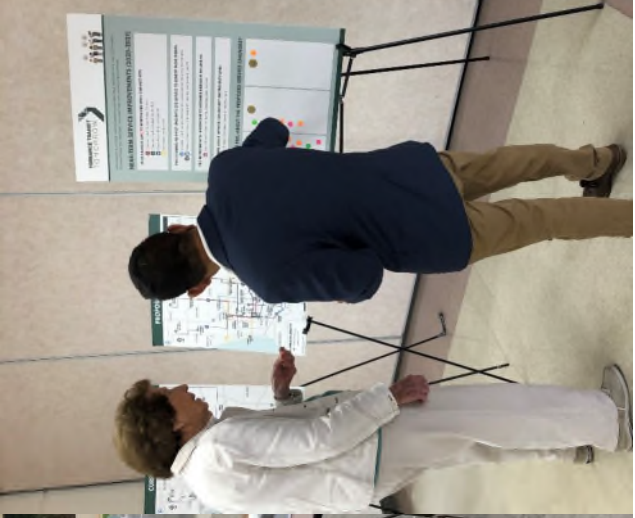


TORRANCE REGIONAL TRANSIT CENTER

- Located at Crenshaw/Del Amo Blvd
- 8 bus bays; 250 parking spaces
- Lines 4X, 10
- Future end point of Green Line extension



ROUND 3 OUTREACH



ROUND 3 OUTREACH COMMENTS

Like the addition of more trips on 4X. Would welcome a late night option sooner rather than later.

Great stuff. This plan looks a whole lot better than the prior! Thumbs up on the minor tweaks.

I'm very happy about the expansion of the 4X. I work at Children's Hospital Los Angeles and this route was a godsend!

I believe the proposed changes to these lines would be beneficial, especially for weekend use.

Thank you for leaving line 8 intact! This is an essential line from Torrance to the employment centers in El Segundo.

Line 10 should also run Sunday even if its for half the day. A lot of commuters are thrown off when Line 10 is not on running.

I believe that the changes made to Line 3 and Line 3 (Rapid) will increase ridership within the Harbor region.



SERVICE EXPANSION RECOMMENDATIONS

Priority	Description	Annual Hours
1	Increase Saturday service on all lines Operate all lines on Sunday	15,000
2	Improve weekday frequency of Line 3	15,000
3	Add weekday midday service on Rapid 3	15,000
4	Increase weekday service span on all lines	15,000
5	Increase weekday service on Lines 1, 8, and 10	15,000
Total		75,000 (43% increase)

NEXT STEPS

Partnership for Clean Air Technology

344



NEXT STEPS

- Develop Capital Improvement Plan
- Develop Financial Plan
- Update Service Guidelines and Performance Metrics
- Prepare Draft Report

THANK YOU!



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