Los Angeles County
Metropolitan Transportation Authority

TECHNICAL ADVISORY COMMITTEE

Plaza View Room, 4th Floor

1. Call to Order/Roll Call
   Action (Jill Liu, Alex Gomez)

2. Agenda Reports by Standing Committees
   Bus Operations (Tracy Beidleman)
   Local Transit Systems (Sebastian Hernandez)
   Streets and Freeways (Annelle Albarran)
   TDM/Sustainability (Mark Hunter)
   Attachment 1: Subcommittee Agendas
   Attachment 2: Subcommittee Actions
   5 min

3. Chairperson’s Report
   5 min
   Information (Jill Liu)

4. Consent Calendar
   • Approval of Minutes
   Attachment 3: Draft January 8, 2020 Minutes
   Action

5. CTC & ATP Update
   10 min
   Attachment 4: CTC & ATP Update
   Information (Patricia Chen) (Shelly Quan)

6. Traffic Reduction Study
   20 min
   Attachment 5: Traffic Reduction Study Introduction
   Information (Tham Nguyen)

7. Green Line to Torrance
   10 min
   Attachment 6: Green Line Extension to Torrance
   Information (Dolores Roybal)

8. Eastside Phase 2
   15 min
   Attachment 7: Eastside Transit Corridor Phase 2
   Information (Jenny Cristales-Cevallos)
9. NextGen Bus Plan Information
   25 min
   Attachment 8: NextGen Bus Plan
   (Stephen Tu)

10. Other Business

11. Adjournment

TAC Minutes and Agendas can be accessed at: http://www.metro.net/about/tac/

Please call Alex Gomez at (213) 922-7573 or e-mail GomezA5@metro.net with questions regarding the agenda or meeting. The next meeting is March 4 in the University Room, 4th Floor.
Attachment 1

Subcommittee Agendas
NOTE TIME: 1:30 PM

Thursday, January 16, 2020
1:30 P.M.

Agenda

Los Angeles County
Metropolitan Transportation Authority

LOCAL TRANSIT SYSTEMS SUBCOMMITTEE
Meeting room – Gateway Plaza Conf. Room, 3rd Floor, Metro

Webinar Link To be posted when confirmed:
Please join my meeting from your computer, tablet or smartphone.
https://global.gotomeeting.com/join/625064421

This meeting is locked with a password: Metro

You can also dial in using your phone.
United States: +1 (408) 650-3123

Access Code: 625-064-421

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</table>
| 1. | Call to Order | Action
|    | Sebastian Hernandez, Chair |
| 2. | Approval of Minutes (December) | Action
|    | Sebastian Hernandez, Chair |
| 3. | NextGen Bus Plan Presentation (PowerPoint) | Information
|    | Stephen Tu, Metro |
| 4. | AB 5 Update (tentative) | Information
|    | Alexandra Amadeo, Metro |
| 5. | Database Update (Local Return, TDA 3) | Information
|    | Chelsea Meister, Metro
|    | Susan Richan, Metro |
| 6. | New Business: 1. TAC update; 2. BOS Update, 3. TAC Alternate Vacancy | Information
|    | Sebastian Hernandez, Chair |

Reminder:
Please mute phones so background noise won’t interfere with meeting

New to GoToMeeting? Get the app now and be ready when your first meeting starts:

Metro will validate your Parking ticket for this meeting’s attendance. Take your parking ticket to the 15th floor for validation (it is sometimes helpful to also have this agenda with you).
Agenda

Los Angeles County
Metropolitan Transportation Authority

Streets and Freeways Subcommittee

William Mulholland Conference Room – 15th Floor

1. Call to Order
   1 min
   Action (Charles Herbertson)

2. Approval of Minutes
   Attachment 1: November 21, 2019 Minutes
   Attachment 2: Attendance Sheet/Sign-In Sheet
   Action (Subcommittee)

3. Chair Report
   10 min
   Information (Charles Herbertson)

4. Metro Report
   5 min
   Information (Fulgene Asuncion)

5. Caltrans Report
   10 min
   Information (Steve Novotny)

6. Metro Active Transport Program (MAT)
   15 min
   Information (Jacob Lieb/ Katherine Lemon)

7. Purple Line Extension Project (PLE)
   15 min
   Information (Roger Martin)

8. Highway Programs Update
   15 min
   Information (Julio Perucho)
9. ATP Update Information (Patricia Chen)
   5 min

10. CTC Update Information (Patricia Chen)
    5 min

11. Legislative Update Information (Raffi Hamparian/
    Michael Turner)
    15 min

12. New Business
    5 min

13. Adjournment
    1 min

The next meeting for the Streets and Freeways Subcommittee will be held tentatively on Thursday,
February 20th, 2020 at 9:30 a.m. on the 15th floor, William Mulholland Conference Room. Please contact
Fulgene Asuncion at (213) 922 – 3025 should you have any questions or comments regarding this or future
agendas.

Agendas can be accessed online at: http://www.metro.net/about/sfs/
## Agenda

**Los Angeles County Metropolitan Transportation Authority**

**BUS OPERATIONS SUBCOMMITTEE**
Mulholland Conference Room – 15th Floor

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| 1. | Call to Order  
(1 minute) | Action  
Tracy Beidleman |
| 2. | Approval of November 19, 2019 Minutes  
(1 minute) | Action  
BOS |
| 3. | Chair’s Report  
(5 minutes) | Information  
Tracy Beidleman |
| 4. | Metro Report  
(5 minutes) | Information  
Mercedes Meneses/Jill Liu |
| 5. | FY2021 FAP Required Documents  
(10 minutes) | Information  
Manijeh Ahmadi |
| 6. | LCTOP Fund Exchange Follow-Up  
(10 minutes) | Information  
Manijeh Ahmadi |
| 7. | 5307 Discretionary Application Process  
(10 minutes) | Information  
Joyce Rooney |
| 8. | NextGen Bus Study Update  
(20 minutes) | Information  
Conan Cheung/Robert Calix |
| 9. | Legislative Update  
(15 minutes) | Information  
Raffi Hamparian/Michael Turner |
| 10. | FTA Update  
(10 minutes) | Information  
Charlene Lee Lorenzo/Arianna Valle/Stacy Alameida |
11. Access Update
   (5 minutes)
   Information
   Matthew Avancena

12. Transit Industry Debriefing/Updates
    (5 minutes)
   Information
   All

13. New Business
    (5 minutes)
   Information
   All

14. Adjournment

Information Items:

A. 90-day Rolling Agenda
B. FY20 Subsidy Tracking Matrix
C. FY20 Measure M Quarterly Report Due Dates
D. FY20 Summary of TDA & STA Capital Claims
E. FY20 TDA/STA/SB1 Claim Summary
F. FY20 Summary of Invoices

BOS Agenda Packages can be accessed online at:
https://www.metro.net/about/bos/

Please call Jill Liu at 213-922-7220 or email at LiuY@metro.net if you have questions regarding the agenda or meeting. The next BOS meeting is scheduled for Tuesday, February 18, 2020, at 9:30 am in the Union Station Conference Room, 3rd Floor of the Metro Headquarters Building.
Attachment 2

Disposition of Subcommittee Actions
Disposition of Subcommittee Actions

January 2020

Bus Operations Subcommittee:

- Approved the November 2019 meeting minutes

Local Transit Systems Subcommittee:

- Approved the November 2019 meeting minutes

Streets and Freeways Subcommittee:

- Approved the November 2019 meeting minutes

TDM/Sustainability Subcommittee:

- Did not meet in January 2020
Attachment 3

January 8, 2020 TAC Minutes

January 8, 2020 Sign-In Sheets
**LACMTA Technical Advisory Committee**  
**Wednesday, January 8, 2020 9:30 a.m.**  
**Meeting Minutes**

**Members Present:** Marianne Kim (Automobile Club of California), Rich Dilluvio (Bicycle Coordinator), Viviana Castillo (BOS), Lt. Saul Gomez (CHP), Ellen Blackman (Citizen Representative on ADA), Carl Hickman (City of Long Beach), Carlos Rios (City of LA), Kevin Minne (City of LA), Richard Marshalian (County of LA), Mary Reyes (County of LA), Mario Rodriguez (County of LA), Lisa Rapp (Gateway Cities COG), Rob DuBoux (Las Virgenes Malibu COG), Candice Vander Hyde (North LA County), Joshua Nelson (San Gabriel Valley COG), Jason Smisko (San Fernando Valley COG), Dr. Maria Slaughter (South Bay Cities COG), Sebastian Hernandez (LTSS), Luz Echavarria (LTSS), Carolyn Kreslake (Metro), Mark Hunter (TDM/Sustainability Committee), Jill Liu (Metro), Alex Gomez (Metro), Cindy Cho (Metro)

<table>
<thead>
<tr>
<th>Agenda Item</th>
<th>Major Discussion Points</th>
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<tbody>
<tr>
<td>1. Call to Order/Roll Call</td>
<td>Jill Liu called meeting to order at 9:35 a.m. Alex Gomez took roll and declared quorum present.</td>
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| 2. Agenda Reports by Standing Committees | **Bus Operations Subcommittee (BOS)**  
- Last meeting held in November; next meeting will be held on January 21, 2020  
  - November Meeting:  
    - Updates on FTA Section 5310 Appeals and Short Range Transportation Plan Funding Plan  
    - Discussion on Metro Low Carbon Transit Operations Program (LCTOP) and fund exchange possibility  
    - Presentation on Transit Asset Management, FTA Workshops, and Farebox Replacement Projects  

**Local Transit Systems Subcommittee (LTSS)**  
- Last meeting held on December 5, 2019; next meeting will be held on January 16, 2020  
  - December Meeting:  
    - Presentation on How Women Travel Study  
    - Update on Metro’s Financial Forecast  

**Streets and Freeways Subcommittee**  
- Last meeting held on November 21, 2019; next meeting will be held on January 16, 2020  
  - November Meeting:  
    - Approved October 2019 minutes  
    - Appointed new Chair, Charles Herbertson (Westside Cities) and Vice Chair, Andrew Maximous (Arterial ITS)  

**Transportation Demand Management (TDM)/ Sustainability Subcommittee**  
- No meeting held in December; next meeting will be held on January 13, 2020  

TAC Minutes, January 8, 2020
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<tr>
<th>Agenda Item</th>
<th>Major Discussion Points</th>
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<tbody>
<tr>
<td>3. Chairperson’s Report</td>
<td>Welcome New TAC Members</td>
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<tr>
<td></td>
<td>- City of Long Beach TAC appointee</td>
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<td></td>
<td>o Carl Hickman, Traffic Engineer, City of Long Beach (replacing Eric Widstrand)</td>
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<td>- San Gabriel Valley COG TAC alternate appointee</td>
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<td>o Frank A. Lopez, Assistant City Engineer, City of Monterey Park (replacing Craig Bradshaw)</td>
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<td></td>
<td>- San Gabriel Valley COG Streets &amp; Freeways Subcommittee primary appointee</td>
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<td>o Robert Delgadillo, Interim Director of Public Works, City of Azusa</td>
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<td></td>
<td>- Arroyo Verdugo Communities Joint Powers Authority (AVCJPA) TAC alternate appointee</td>
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<td>o Yazdan Emrani, City of Glendale (replacing Roubik Golanian)</td>
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<td><strong>TAC Survey</strong></td>
<td>- Reminder will be sent out to TAC members to complete survey on TAC meeting feedback and suggestions</td>
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<tr>
<td>4. Consent Calendar</td>
<td>Rich Dilluvio made a motion to approve the November TAC minutes and Sebastian Hernandez seconded. Minutes were approved with one abstention from Candice Vander Hyde.</td>
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| 5. CTC & ATP Update (Patricia Chen/Anna Lee Moneymaker) | **CTC Update**  
- Refer to distributed flyer on California Transportation Commission Meeting Items of Interest to Metro  

**ATP Update**  
- ATP Cycle 5  
  - $445M across FY22-FY25  
  - Spring 2020- ongoing guidelines/application development workshops  
  - Schedule  
    - March 25th-26th, 2020- Call for Projects  
    - June 15th, 2020- Applications due  
    - December 2nd-3rd, 2020- CTC adopts Statewide projects  
    - May 2021- CTC adopts MPO projects  
- Metro 10 Point Policy  
  - Adopted 10 point policy requires complete streets compliance to be considered for any points  
  - 3 points allotted for disadvantaged communities, 2 points allotted for consistency with local/regional plans, and 5 points allotted for first/last mile  
  - Policy applies to all projects not awarded through statewide component; Metro will assign points Dec 2020  
- Metro ATP Grant Assistance  
  - Application period now closed  
  - Timeline  
    - Feb 2020- Project Selection and project sponsor upon selection to submit existing project data/information  
    - March 2020-June 2020- Metro consultant prepares application and project sponsor reviews drafts  
- Local Streets and Roads Deadlines  
  - Initial project lists must be submitted by May 1st, 2020 on CalSMART. Cities must adopt project lists through resolution before May 1st, 2020 |
| 6. Section 5310 Appeal Recap (Reuben Cervantes) | **FTA Section 5310 Appeals Process Recap**  
- The program awards operating/capital funds to state or local government agencies, non-profits, and operators of public transportation  
- 2019 application period- 43 applications received, 27 projects and one partial project recommended for funding  
- Metro policy required all competitive grant programs to go through a TAC appeals process before seeking Board approval  
- November 6th, 2019 TAC Meeting- Appeals held for FTA Section 5310 applicants not recommended for funding. Five applicants |
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<td>appealed a total of six projects (5% of the available funding set aside for appeals)</td>
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<td>- TAC approved motion to fully fund City of Manhattan Beach in amount of $396,702, and remaining amount of $85,742 to City of Whittier</td>
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<td>- Recommendations were reviewed and approved by Metro staff and will be included in the final award recommendations for Metro Board approval in January 2020</td>
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7. Metro Active Transport Program Update (Tony Jusay)  

**MAT Program Background**  
- Measure M 2% Active Transportation Fund - $1.68B  
- Multi-year, competitive program with regular cashflow (Cycle 1 – $75M through FY25)  
- Administrative procedures were approved in September 2019  
- Metro Policy Advisory Council (PAC) provided guidance on streamlining process, implementation of policies, and targeting needs

**Cycle 1 Overview**  
- Active Transportation Corridors  
  - Objectives- move strategic plan vision into action, create partnerships for regional scale, target high need, and create pipeline for future investment  
  - Funding up to 8 projects, $4M-$8M each, conceptual development through construction  
  - Screening Criteria- greater than 3 miles in length; identified 160 total corridors; ranked by safety, equity, connectivity  
  - Eligible project list- top 25 will be invited to apply  
- FLM Priority Network  
  - Objectives- move strategic plan vision for station areas into action, test FLM Toolkit, target high need, create highly visible transit zones, create pipeline for future investment  
  - Funding up to 10 projects, $500K-$5M each, conceptual development through construction  
  - Screening criteria- FLM policy identified 2,690 stations; ranked by safety, equity, connectivity factors  
  - Eligible project list- top 138 locations invited to apply

**Upcoming Timeline**  
- January 2020- Cycle 1 Board Approval Request  
- February 2020- Solicitation Opens  
- April 2020- Letters of Interest Due  
- May 2020- Project Selection  
- July 2020- Board Consideration of Selected Projects  
- September 2020- Agreements/Project Initiation
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<tr>
<td><strong>8. Travel Rewards Research Pilot (Avital Shavit)</strong></td>
<td><strong>Background</strong>&lt;br&gt;- Metro released an unsolicited proposal process for submission of ideas on solving traffic in LA County with the intent that Metro would incubate and implement favored projects&lt;br&gt;- The process welcomed public private partnerships and created an accelerator forum for sharing solutions&lt;br&gt;- Problem statement, “Solve Traffic with Pricing” aligned with the Vision 2028 Goal of “Double non-SOV trips by 2028”&lt;br&gt;- 54 proposals received, 9 advanced. 7 of the 9 proposals advanced are travel rewards proposals from Rideshark, Lumm, Miles, SPLT, The Rideshare Company, Adventure of Lifetime OU, and Skybus&lt;br&gt;&lt;br&gt;<strong>Travel Rewards Research Pilot</strong>&lt;br&gt;- Research Question- What is the lowest price point to nudge SOV to non-SOV?&lt;br&gt;- Palo Alto has a study on the true price point to shift drivers SOV to non-SOV released in the Palo Alto TMA Annual Report 2018&lt;br&gt;- Examples of existing travel rewards technology platforms and programs include Miles, Better Points (partnering with local businesses to reward people driving with others), Hytch, and Waze peer to peer carpooling&lt;br&gt;- The research pilot will first baseline what people are currently doing and analyze changes that occur after giving people reward&lt;br&gt;- Metro is looking to technology partners, university partners, non-profit think tanks, community based organizations, and large employers to conduct research pilot and determine innovative financing, pilot cost, and scale&lt;br&gt;&lt;br&gt;<strong>Next Steps</strong>&lt;br&gt;- Fall/Winter 2019- Draft scope&lt;br&gt;- Early 2020- Release RFP (RFP review will involve outside agencies and partners in LA County)&lt;br&gt;- Summer 2020- Award contract</td>
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<td><strong>9. TOC Demonstration Pilot (Nick Saponara)</strong></td>
<td><strong>Background</strong>&lt;br&gt;- TOCs use holistic land use planning and community development policies to allow people to drive less and access transit more&lt;br&gt;- Joint development (JD) is Metro’s real estate program collaborating with developers to build TODs on Metro properties&lt;br&gt;- TOC Demonstration Program showcased 8 different sites on how TOC work is being carried out&lt;br&gt;&lt;br&gt;<strong>Lessons Learned</strong>&lt;br&gt;- Joint development lessons learned include:&lt;br&gt;  o Start with basics, commit to meaningful community engagement from beginning to end, embrace transparency and communication, make priorities clear and follow up appropriately&lt;br&gt;  o Engage with community before solicitation proposals for community vision/development guidelines&lt;br&gt;  o JD policy goal is 35% of all units on Metro-owned property must be affordable housing&lt;br&gt;  o As of Nov 2019, JD portfolio is at 34% affordable rental housing for completed projects and 38% for projects in negotiations&lt;br&gt;- TOC initiatives lessons learned include:</td>
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<td>Major Discussion Points</td>
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<td>o Enable/incentivize partners for collaboration (TOC Toolkit of Best Practices, TOD Planning Grant Program, Technical Studies and Grant Writing Assistance, Pilot Programs, Local Return for TOC Activities)</td>
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<td>o Ask questions and be creative in problem solving</td>
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<td>o Employ best practices (Transfers Design Guide, Metro Adjacent Development Handbook) and make staff resources available to partners to ensure developments are in supportive of transit</td>
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**Next Steps**
- January – Discuss with the Board how to take JD and Affordable Housing Policies to the next level
- Spring 2020- Prepare TOC Implementation Plan looking at tangible ways to carry TOC work out with local jurisdictions

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<th>10. Legislative Update (Raffi Hamparian)</th>
<th>Federal</th>
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<td>Infrastructure for Rebuilding America (INFRA) Grant NOFO coming out in a couple of days</td>
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<td>Better Utilizing Investments to Leverage Development (BUILD) Grant NOFO will be issued prior to Feb 20(^{th}), 2020</td>
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<td>Federal government issued FY19 Bus and Bus Facilities Grant (CA- Yosemite Area Rapid Transit System awarded $4.3M)</td>
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<td>CRRC and BYD</td>
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<td>o Final version of the National Defense Authorization Act contains language barring the use of Federal funds of rolling stocks from China referencing certain trade acts</td>
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<td>o 2-year delay in implementation of ban exists but after 2 years, Federal dollars cannot be used to purchase rolling stocks</td>
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<td>Metro Board adopted 2020 calendar year legislative program and will convey Metro priorities to various congressmembers</td>
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<td>Some indications that the Federal budget will be issued in February releasing detailed USDOT plans for the coming fiscal year</td>
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<td>FAST Act authorization bill expires September 30(^{th}), 2020 (will most likely extend expiration)</td>
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| 11. Other Business | Marianne Kim provided copies of the 2020 Digest of Traffic Legislation Changes in the CA Vehicle Code |

<p>| 12. Adjournment | Meeting was adjourned at 11:20 a.m. Next meeting will be on February 5, 2020 at 9:30 a.m. |</p>
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<th>AGENCY</th>
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<tr>
<td>AUTOMOBILE CLUB OF CALIFORNIA</td>
<td>Marianne Kim/ Stephen Finnegan</td>
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<td>BICYCLE COORDINATOR</td>
<td>Rich Dilluvio/ Hannah Woo</td>
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<td>BUS OPERATIONS SUBCOMMITTEE (BOS)</td>
<td>Tracy Beidleman/ James Lee</td>
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<td>Jane Leonard/ Viviana Castillo</td>
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<td>CALIFORNIA HIGHWAY PATROL</td>
<td>Lt. Saul Gomez/ Sgt. Ray Abramian</td>
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<td>CALTRANS</td>
<td>Paul Marquez/ Steve Novotny</td>
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<td>Greg Farr/ Kelly Lamare</td>
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<td>CITIZEN REPRESENTATIVE ON ADA</td>
<td>Ellen Blackman/ Vacant</td>
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<td>CITY OF LONG BEACH</td>
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<td>□ Corinne Ralph/ □ Kari Derderian</td>
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<td>□ Mary Reyes/ □ Mario Rodriguez</td>
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<td>□ David B. MacGregor/ □ Mario</td>
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<td>LEAGUE OF CALIFORNIA CITIES</td>
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<td>Gateway Cities COG</td>
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<td>□ Lisa Rapp/ □ Ed Norris</td>
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<td>□ Rob DuBoux/ □ Elizabeth Shavelson</td>
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<td>North Los Angeles County</td>
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<td>□ Mike Behen/ □ Candice Vander Hyde</td>
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<td>San Gabriel Valley COG</td>
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<td>San Fernando Valley COG</td>
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<td>□ Jason Smisko/ □ Vacant</td>
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<td>South Bay Cities COG</td>
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<td>Westside Cities COG</td>
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<td>□ David Feinberg/ □ Hany Demetri</td>
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<td>LOCAL TRANSIT SYSTEMS SUBCOMMITTEE (LTSS)</td>
<td>1. Sebastian Hernandez/ □ Vacant</td>
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<td>2. Luz Echavarria/ □ Hali Aziz</td>
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<td>METROPOLITAN TRANSPORTATION AUTHORITY (Metro)</td>
<td>1. Jill Liu/ □ Alex Gomez</td>
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<td>Countwide Planning &amp; Development</td>
</tr>
<tr>
<td></td>
<td>2. Carolyn Kreslake</td>
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<td></td>
<td>□ Diane Corral-Lopez/ □ Carolyn</td>
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<td></td>
<td>Kreslake Metro Operations</td>
</tr>
<tr>
<td>PEDESTRIAN COORDINATOR</td>
<td>1. □ Valerie Watson/ □ Dale Benson</td>
</tr>
<tr>
<td>PUBLIC HEALTH REPRESENTATIVE (Ex-Officio)</td>
<td>1. □ Vacant/ □ Vacant</td>
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<tr>
<td>SOUTHERN CALIFORNIA REGIONAL RAIL AUTHORITY (SCRRRA - Ex-Officio)</td>
<td>1. □ Anne Louise Rice/ □ Karen Sakoda</td>
</tr>
<tr>
<td>SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD - Ex-Officio)</td>
<td>1. □ Eyvonne Drummond/ □ Kathryn</td>
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<tr>
<td></td>
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</tr>
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<td>SOUTHERN CALIFORNIA ASSOCIATION OF GOVERNMENTS (SCAG - Ex-Officio)</td>
<td>1. □ Warren Whiteaker/ □ Annie Nam</td>
</tr>
<tr>
<td>GOODS MOVEMENT REPRESENTATIVE (Ex-Officio)</td>
<td>1. □ Lupe Valdez/ □ LaDonna DiCamillo</td>
</tr>
<tr>
<td>TRANSPORTATION DEMAND MANAGEMENT/ SUSTAINABILITY SUBCOMMITTEE</td>
<td>1. □ Mike Bagheri/ □ Vacant</td>
</tr>
<tr>
<td></td>
<td>2. □ Mark Hunter/ □ Vacant</td>
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<tr>
<td></td>
<td>Name</td>
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<tr>
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<td>FRANK L. LEPEZ</td>
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<td>Marianne Kim/Stephen Finnegan (A)</td>
<td>AUTO CLUB</td>
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<td>Rich Dilluvio/Hannah Woo (A)</td>
<td>BICYCLE COORDINATOR</td>
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<td>Tracy Beidler/James Lee (A)</td>
<td>BOS SUBCOMMITTEE</td>
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<td>Jane Leonard/Robert Portillo (A)</td>
<td>BOS SUBCOMMITTEE</td>
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<tr>
<td>Lt. Saul Gomez/Sgt. Ray Abramiam (A)</td>
<td>CHP</td>
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<tr>
<td>Paul Marquez/Steve Novotny (A)</td>
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<td>Greg Farr/Kelly Lamare (A)</td>
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<td>Eilen Blackman/Vacant (A)</td>
<td>CITIZEN REP ON ADA</td>
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<tr>
<td>Carl Hickman/Michelle Mowery (A)</td>
<td>LONG BEACH</td>
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<tr>
<td>Corinne Ralph/Kari Derderian (A)</td>
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</tr>
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<td>Carlos Rios/Mike Hunt (A)</td>
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<td>Kevin Minne/Victor Cortes (A)</td>
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<td>Richard Marshallian/Ayala Ben-Yehuda (A)</td>
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<tr>
<td>Mary Reyes/Mario Rodriguez (A)</td>
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<td>David MacGregor/Mario Rodriguez (A)</td>
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<td>David Kriskie/Roubik Golanian (A)</td>
<td>ARROYO VERDUGO CITIES</td>
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<tr>
<td>Lisa Rapp/Ed Norris (A)</td>
<td>GATEWAY CITIES COG</td>
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<td>Rob DuBoux/Elizabeth Shavelson (A)</td>
<td>LAS VIRGENES MALIBU COG</td>
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<tr>
<td>Mike Behen/Candice Vander Hyde (A)</td>
<td>NORTH L.A. COUNTY</td>
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<tr>
<td>Joshua Nelson/Craig Bradshaw (A)</td>
<td>SAN GABRIEL VALLEY COG</td>
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<td>Jason Smisko/Dennis Ambayec (A)</td>
<td>SAN FERNANDO VALLEY COG</td>
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<td>Dr Maria Slaughter/Gilbert Marquez (A)</td>
<td>SOUTH BAY CITIES COG</td>
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<td>David Feinberg/Hanny Demetri (A)</td>
<td>WESTSIDE CITIES</td>
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<tr>
<td>Sebastian Hernandez/Perrin Goodman (A)</td>
<td>LTSS</td>
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<tr>
<td>Luz Echavarria/Hal Aziz (A)</td>
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<tr>
<td>Jill Liu/Alex Gomez (A)</td>
<td>METRO</td>
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<td>Diane Corral-Lopez/Carolyn Kreslake (A)</td>
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<td>Valerie Watson/Dale Benson (A)</td>
<td>PED COORDINATOR</td>
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<td>Vacant/Vacant (A)</td>
<td>PUBLIC HEALTH REPRESENTATIVE</td>
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<td>Anne Louise Rice/Karen Sakoda (A)</td>
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<tr>
<td>Eyvonne Drummonds/Kathryn Higgins (A)</td>
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<td>Warren Whiteaker/Annem Nam (A)</td>
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<td>Lupe Valdez/LaDonna DiCamillo (A)</td>
<td>GOODS MOVEMENT REP</td>
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<td>TDM/SUST SUBCOMMITTEE</td>
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<td>Mark Hunter/Vacant (A)</td>
<td>TDM/SUST SUBCOMMITTEE</td>
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</table>
Attachment 4

CTC & ATP Update
ATP Update

February 2020
Outline

- ATP Cycle 5
- Metro ATP Grant Assistance
- Local Streets and Roads Deadlines
ATP Cycle 5

- $445 million across FY 22, FY 23, FY 24, and FY 25
- Schedule
  - March 25-26, 2020 = Call for Projects
  - June 15, 2020 = Applications due
  - December 2-3, 2020 = CTC adopts Statewide projects
  - May 2021 = CTC adopts MPO projects
ATP Cycle 5

- $445 million across FY 22, FY 23, FY 24, and FY 25
- Spring 2020 = Ongoing guidelines/application development workshops
  - February 10, 2020 – 1:00pm-4:00pm – Sacramento
  - February 19, 2020 – 1:00pm-4:00pm – San Jose
  - February 26, 2020 – 11:00am-1:00pm – El Monte
- Changes to MPO Component
  - Guidelines allow MPOs to consider projects that did not apply to Statewide Component
  - Metro will only consider projects that applied to Statewide Component
Metro ATP Grant Assistance

- Application process is now closed – thank you for your applications
- Updated timeline:

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>February 5, 2020</td>
<td>Metro notifies selected project sponsors</td>
</tr>
<tr>
<td>February 10-24, 2020</td>
<td>Project sponsor submits existing project data/information to Metro consultant</td>
</tr>
<tr>
<td>March 2-26, 2020</td>
<td>Consultants and project sponsors meet</td>
</tr>
<tr>
<td>March 26 – June 15, 2020</td>
<td>Metro consultant prepares application, project sponsor reviews drafts</td>
</tr>
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</table>
Local Streets and Roads

Funding Eligibility Project List Submittals
- May 1\textsuperscript{st} deadline: Initial project lists must be submitted online on the CalSMART tool
- Cities must adopt project lists through a resolution BEFORE May 1\textsuperscript{st}, 2020

LSR Needs Assessment Survey
- Survey letter will be sent out around Feb 17\textsuperscript{th}
- Survey deadline: April 17\textsuperscript{th}, 2020
- More info on savecaliforniastreets.org
Contact

Anna Lee Moneymaker
Transportation Planner
leea3@metro.net
(213)418-3392

Shelly Quan
Senior Transportation Planner
quans@metro.net
(213) 922-3075

Patricia Chen
Senior Director, Transportation Planning
chenp@metro.net
(213) 922-3041
California Transportation Commission Notes
January 29-30, 2020

CTC Meeting

California State Transportation Agency Undersecretary Konove highlighted that of Governor Newsom’s $12 Billion 5-year Climate Change Mitigation package in the January Budget proposal, it is estimated that about $400 million would be available to spur the transition to more low-carbon fuel use, particularly in heavy duty trucks, in addition to separate funding for various low- and zero-emission technologies, such as fuel cells and electric vehicle charging stations.

Caltrans Director Omishakin shared that Governor Newsom has asked Caltrans to assess state resources for housing, meaning looking for excess real estate that could be made available for cities to put up emergency housing on. Caltrans has also delivered General Services trailers that are used for disasters to Oakland, and will soon deliver several to the City of Los Angeles.

Innovations – A representative from Via talked about the many on-demand microtransit projects it is engaged in. Metro and a few others are notable in that 100% of trips start or end at a transit station. Asked by a CTC commissioner whether there is data on how the service impacts transit usage, the presenter responded that they have a lot of data, and it indicates that the service increases transit usage by 10%.

Regional Transportation Planning Agencies Meeting

ATP – Laurie Waters, CTC ATP Program Manager, indicated likely language for ATP guidelines requiring active transportation plans for all ATP projects in Cycle 6. Advocates expressed concern at the CTC meeting that very few counties and cities have active transportation plans. On February 10th there will be a workshop on the ATP application as a PSR-equivalent. The workshop will be webcast – all prospective applicants are urged to tune in.

Local Streets and Roads Program – Deadline is May 1st to establish eligibility. Local agencies are encouraged to go to Council in February to March to adopt a resolution of the eligible project list. Input period on the online CalSMART tool is March 20-May 1. New Maintenance of Effort (MOE) effective January replaces retroactive payback with future withholding if found ineligible due to MOE. Some agencies have partial eligibility due to MOE and are encouraged to come forward and receive it.

Please also look out for a survey letter for the Local Streets and Roads Needs Assessment Survey. It will request a contact person for your agency, who will be asked to provide technical and financial information. Providing this information is crucial in demonstrating the infrastructure needs in California and illustrating that funds are needed for our local streets and roads.

Jeannie Ward-Waller is Caltrans Headquarters new Planning Deputy.
<table>
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<tr>
<th>TAB</th>
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<th>Description/ Comments</th>
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<tbody>
<tr>
<td>Policy Items</td>
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<tr>
<td>Tab 2</td>
<td>Election of Commission Chair and Vice Chair</td>
<td>Commission will elect Chair and Vice Chair and establish the Chair’s term</td>
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<tr>
<td></td>
<td></td>
<td>Election of Chair Paul Van Konynenburg and Vice Chair Hilary Norton, effective March 1.</td>
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<tr>
<td>Tab 20</td>
<td>Draft CFMP</td>
<td>Commission Comments on Draft California Freight Mobility Plan 2020</td>
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<td>Tab 21-22</td>
<td>SCCP Hearing and Adoption</td>
<td>Northern California hearing on SCCP draft guidelines and adoption of the 2020 SCCP</td>
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<tr>
<td></td>
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<td>Guidelines.</td>
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<td>Tab 23-25</td>
<td>Draft SB1 Program Guidelines</td>
<td>Presentation of Draft Guidelines for 2021 ATP, 2020 LPP, and 2020 TCEP</td>
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<td>Financial Actions</td>
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<tr>
<td>Tab 64</td>
<td>Amendment to LPP Formula</td>
<td>Deprogram $10,745,000 from the Green Line Extension (Redondo Beach-Torrance) Project in LA County and add 2020 Legion Street Improvements – Phase 2 Project in Imperial County.</td>
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<tr>
<td>Tab 81</td>
<td>Allocation: ATP – Request of $26,139,000 for 25 ATP Projects</td>
<td>Includes SCAG’s Project Ride, Walk, Learn project and Long Beach Coastal Bike Trail Connector-Ocean Blvd.</td>
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<td>Tab 87</td>
<td>Time Extension: Request to extend the period of project completion</td>
<td>Includes two projects in City of Los Angeles (“Safe Routes to School Infrastructure Improvements for Hollywood High and Selma Ave Elementary School” and “Hollywood Western Pedestrian Improvements”)</td>
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Attachment 5

Traffic Reduction Study Introduction
Traffic Reduction Study

Introduction

February 5, 2020
Mission:
Provide a world-class transportation system that enhances quality of life for all who live, work, and play within LA County

Vision:
• Increase prosperity for all by removing mobility barriers
• Swift and easy mobility, anytime
• Accommodate more trips by providing high quality mobility options
VISIONARY OUTCOMES BY 2028

Double the % usage of transportation modes other than driving alone, including transit, walk, bike, shared-ride and carpool modes

10-minute walk or roll to high-quality mobility options

30% faster bus speeds

15-minute maximum wait, any time of day

Options to bypass congestion
Traffic Reduction Study Goals

- Explore ways to dramatically improve mobility, equity, and environmental outcomes to achieve Metro’s strategic goals
- Provide reliable and convenient travel options for people to bypass traffic
- Investigate feasibility and framework for testing and implementing pricing strategies to reduce traffic

Sixteen solo drivers in traffic congestion vs Many more people moving smoothly when we make better use of street space
• **Cordon Pricing**: Creating a boundary around a central district and then charging vehicles to cross that boundary

• **VMT Pricing**: Charging drivers based on Vehicle Miles Traveled (VMT)

• **Corridor Pricing**: Pricing all lanes on all roads within a specific corridor with high traffic congestion but a viable public transit alternative.
STUDY HIGHLIGHTS

• Conduct feasibility study to identify a pilot program

• Develop grass-roots support for this initiative through extensive community and public engagement

• Develop Equity Strategy

• Build regional coalition to solidify critical partnerships necessary for delivering the project
**Study Highlights**

- **Identify additional travel options**, including transit services, carpooling, ridesharing, bicycling & walking options, other improvements, and policy changes to accompany implementation of pilot program.

- **Build off** existing efforts and research in the LA region and best practices/lessons learned regionally, nationally, and globally.
• Engage diverse audiences in this process:
  ▪ General public
  ▪ Potential communities that would be directly affected, including residents, workers, employers
  ▪ Other key stakeholders
• Leverage existing Metro advisory groups
• Establish advisory panel for project
PROJECT MILESTONES

Development (Ongoing Feedback)
- Advisory Panel
- Research
- Equity Strategy
- Communications & Engagement Strategy Part 1
- Location Assessment
- Transit & Multimodal Improvements
- Technology Requirements
- Legislative & Institutional Requirements
- Financial Plan
- Implementation Plan

Implementation (Board Authorization)
- Pilot Go/No Go Decision
- Award Contract for Pilot System Design
- Communications & Engagement Strategy Part 2

Up to 24 months

After 24 months
Engage in regional conversation and dialogue

- Raise awareness and interest
- Meet stakeholders where they are in a variety of settings and formats
- Facilitate rich and meaningful conversations
- Utilize feedback to inform the Traffic Reduction Study technical analysis

Spring 2020
THANK YOU!

www.metro.net/vision2028

Tham Nguyen
Senior Director
Office of Extraordinary Innovation
NguyenTha@metro.net or (213) 922-2606
Attachment 6

Green Line Extension to Torrance
Next stop: more rail in the South Bay.

GREEN LINE EXTENSION TO TORRANCE

February 5, 2020
Green Line Extension to Torrance

Regional Context

**Existing**
- Metro Green Line
- Harbor Subdivision

**Metro Projects**
- Metro Crenshaw/LAX Transit Corridor (Under Construction)
- Metro Crenshaw/LAX Operating on Existing Metro Green Line
- South Bay Metro Green Line Extension
- AMC 96th St Transit Station (Design in Progress)

**Other Projects**
- LAX Automated People Mover (Study by LAWA) (P3 Procurement)
- NFL Stadium (Under Construction)
- Redondo Beach South Bay Regional Intermodal Transit Center (Planned)
- Torrance Transit Park and Ride Regional Terminal (Under Construction)

4.6-mile light rail transit extension from Redondo Beach (Marine) Station to Torrance Transit Center
Green Line Extension to Torrance

Status

• Board in January approved the contract for:
  o CEQA EIR
  o Advanced Conceptual Engineering
  o Options for NEPA EIS, PE, & Bid Services
Green Line Extension to Torrance

Next Steps

- February 2020 – Project kick-off and initiate the environmental process
- Spring 2020 – CEQA Scoping Meetings
- Anticipating CEQA-only environmental clearance at this time

ROW Overcrossing

Hawthorne Boulevard
Attachment 7

Eastside Transit Corridor Phase 2
Next stop: further east.

EASTSIDE TRANSIT CORRIDOR PHASE 2
## History of the Eastside Transit Corridor Phase 2

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
<th>Details</th>
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<tbody>
<tr>
<td>2009</td>
<td>Alternatives Analysis</td>
<td>Over 47 alternatives analyzed, including different: - Routes - Modes - Stations - Configurations</td>
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<tr>
<td></td>
<td>Draft EIS/EIR</td>
<td>- Evaluated two light rail alternatives - LPA not selected</td>
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<tr>
<td>2014</td>
<td>Post Draft EIS/EIR Technical Study</td>
<td>- Responded to comments - Identified a new connection to Washington</td>
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<tr>
<td>2017</td>
<td>Metro Reinitiated Environmental Process</td>
<td>Three build alternatives are being evaluated</td>
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<tr>
<td>2019</td>
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Project Overview

> One of the four pillar projects identified to be in operations by 2028

> Identifying funding strategies for acceleration

> Cycle 1 in Measure M Expenditure Plan identifies funding for one alignment
Project Funding Timeline

**Cycle 1**
State, Local, Federal and Other Funding
Measure M
Total: $3B

Groundbreaking 2029
Expected Opening Date 2035
(One Alignment)

**Cycle 2**
State, Local, Federal and Other Funding
Measure M
Total: $3B

Groundbreaking 2053
Expected Opening Date 2057
(Second Alignment)
Measure M Project Timeline

We are here

Reinitiated Environmental Process & Advanced Conceptual Engineering

Final Environmental Clearance 2018-2021
Final Design 2022-2023
Construction 2023-2028
Open for Service 2029-2035 2035
Scoping Comment Themes

> Major themes:

• General support for all three build alternatives

• Opposition to the at-grade segment of the SR 60 alignment from S Atlantic Bl to Findlay Av

• General support for the Washington Alternative from communities, business groups and employers along the alignment

• Concerns raised over environmental justice and equal consideration for undergrounding in lower-income areas of the county
Focused Technical Studies

> SR 60 Bridge Crossing
> SR 60 Peck Road Relocation
> SR 60 Station Concept Refinement Market Place
> SR 60 At-Grade Design
> Washington Tunnel Portal Location
> Washington Design Variation
> Combined Alternative Junction Design and Rail Operations
Washington Alternative

> Design Variations – Rosemead and I-605
> Bridge Crossings would require permitting
> Underground Tunnel
  • Mixmaster
  • Utility corridor
  • Freight tracks
> Tunnel Boring Machine (TBM) launch and extraction sites
SR 60 Alternative

> Longstanding issues

- Caltrans
  - Lateral encroachment permit
  - Not to preclude future improvements
  - No columns in the median

- US Environmental Protection Agency
  - Operating Industries, Inc Superfund Site

- Southern California Edison
  - Utility corridors transmission line conflicts

- US Army Corps of Engineers
  - Whittier Narrows flood plain
SR 60 Alternative - Technical Findings

> SR 60 Freeway future widening
  • Potential property acquisitions or impacts to sensitive land uses
    o Residential
    o Environmentally sensitive areas

> SR60/I-605 improvements require relocation of Peck Road station and guideway

> Bridge spans across the freeway would reduce operating speeds

> SCE utility corridors conflicts
  • Paramount Blvd interchange
  • Connection to SR 60 Maintenance Storage Facility
Constrained SR 60 Maintenance Storage Facility

- Non-revenue lead tracks would extend the proposed terminus by approximately a half mile
- Lead tracks would cross over the San Gabriel River and the San Gabriel River Trail/Bike Path
- Vertical clearance of overhead transmission lines

<table>
<thead>
<tr>
<th></th>
<th>Regional Needs</th>
<th>SR 60 MSF</th>
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<tbody>
<tr>
<td>Size</td>
<td>20 Acres</td>
<td>15.5 Acres</td>
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<tr>
<td>Storage Capacity</td>
<td>100-120</td>
<td>70</td>
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<td>Light Rail Vehicles</td>
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Combined Alternative

> Introduces the inclusion of wye junction
> Additional property acquisitions
> Adds approximately $1.3-1.7 billion to the capital costs
  • Not commensurate with the forecasted ridership
Metro Policy Compatibility

> Transit Oriented Communities (2018) and First Last Mile Policies (2016)

• SR 60
  o Lacks connections to residential communities
  o Suburban street network, large block sizes, numerous freeway on/off ramps, and freeway underpasses
  o Serving fewer minority, low-income and transit-dependent populations
  o Demonstrated less TOC and FLM compatibility

• Washington
  o Stations are planned in areas with a connected street network making it easier to walk, bike, and ride transit
  o Serves more economically disadvantaged communities consistent with Metro’s Equity Platform
  o Demonstrated greater TOC and FLM compatibility
Washington Alternative

> Washington Alternative is a viable option with fewer constraints in contrast to the SR 60 Alternative

> Avoids conflicts with Caltrans ROW, federally protected resources, and major utilities

> Cooperating Agencies had fewer concerns

> Adequate options for Maintenance Storage Facility sites

> Station areas either have existing transit-supportive land use patterns or have the potential for future planning efforts
CEQA Only Environmental Clearance

> Streamline the environmental analysis and advance acceleration efforts

> Primarily funded by Measures M and R and other state and local sources

> Could reinitiate NEPA analysis if needed
Next Steps

> Recommend the Washington Alternative for the Cycle 1 funding

> Continue to work towards solving the mobility challenges along the SR 60 Freeway corridor and within the San Gabriel Valley

> Identify short and long term solutions well in advance of the second cycle of Measure M

> Prepare a feasibility study to evaluate options to improve mobility in and around the SR 60 Freeway
Community Meetings

EAST LOS ANGELES
Monday, February 3, 6–8pm
Fourth Street Primary Center
469 Amalia Av
Los Angeles, CA 90022

MONTEBELLO
Saturday, February 8, 10am–12pm
The Ark Montebello
931 S Maple Av
Montebello, CA 90640

ROSEMEAD
Thursday, February 6, 6–8pm
Don Bosco Technical Institute
Tech Hall
1151 San Gabriel Bl
Rosemead, CA 91770

- A Spanish interpreter will be available at every meeting.
- The information presented at each meeting will be the same.
Contact Us

Jenny Cristales-Cevallos
Project Manager, Metro
One Gateway Plaza, M/S 99-22-6
Los Angeles, CA 90012

213.922.6262

eastsidephase2@metro.net

metro.net/eastsidephase2

losangelesmetro

@metrolosangeles

Meeting Schedule

Planning and Programming Committee Meeting
Wednesday, February 19, 2020, 11am
3rd Floor, Metro Board Room

Board of Directors Meeting
Thursday, February 27, 2020, 10am
3rd Floor, Metro Board Room
Attachment 8

NextGen Bus Plan
NEXTGEN
Bus Plan
What is NextGen?

Why are we doing this?

Outdated bus network
It’s been 25 years since last redesign!

More people
1 million new residents

More places to go
New destinations

More ways to get there
Travel patterns have changed

A new bus network

something for everyone.
Metro Vision 2028

**Competitive**
- NextGen is an essential component of Metro’s vision to build a comprehensive World Class Transportation System
- A competitive bus system that is fast, frequent, reliable & accessible
- Increased ridership
- Providing riders the best possible experience

**Attractive**
- Safe/secure
- Clean
- Comfortable
- Real time info
- Easy fare payment
- First/last mile
Market Study

Through TAP card and cell phone data, Metro has studied the travel patterns and preferences of more than 5 million people in LA County to learn about the transit travel market and total travel market.
We’re Reaching 10 Million+ People Equitably

14,500+ constructive & positive comments

8.7 Million
digital & print ad impressions

300+
stakeholder meetings, community events, & public workshops

70,000+
webpage visits

150,000+
email contacts

12,000+
online survey responses

365,000+
Metro take-ones on transit lines

330+
partnerships with community & stakeholder organizations
Public input led to service concepts

- Route 4 and 704 - the lines are **too long**.
- Consider using minivans for **low capacity service**.
- Build stop that will take me north to Garvey and connect to Gold Line on Atlantic; need **more connections** in SGV.
- 81 bus always gets stuck in traffic on the 110. This route needs an **HOV/bus only lane**.
- There should be a bus service between uptown Whittier and Puente Hills Mall via Mar Vista (possibly **Foothill Transit**).
- Create more **Rapid buses** with only 3 stops.
- Ensure that bus stops are **comfortable, reliable, safe**, and more for people with disabilities, seniors, and children.

**Routing to Reflect Current Travel Patterns and Transit Propensity**
- **Shorter Route Lengths**
- **Municipal Operator Coordination**
- **Standardize Frequencies by Service Tiers**
- **Subarea Transit Hubs**
- **Hybrid Local/Rapid Stop Spacing**
- **Transit Supportive Infrastructure**
- **Microtransit and Other On-Demand**
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
Metro’s current system is not always competitive to get people where they want to go
The greatest opportunity to grow ridership is between midday & evening when many trips are short distance.

Increasing our transit share of short distance trips to 6% means 500,000 new trips.
The greatest opportunity to grow ridership is between midday & evening when many trips are short distance.
Capital Improvements

What capital improvements are needed to create a world-class bus network?
The Metro Customer Experience

1 Speed & Reliability
   Walk up & ride
   Fast, reliable, & predictable
   Consistent & simple routing
   Stop consolidation

2 Stop Access & Waiting
   Easy to find & access
   Comfortable, convenient, & well-informed
   Safety & security

3 Boarding & Riding
   Fast all-door boarding
   Smooth, quiet ride
   On-board information
1. Speed & Reliability

Transit Priority: 17-24%

Stops & Stations: 4-8%

Operations: 4-6%

Speed Improvement:
2. Stop Access & Waiting

These improvements are outlined in Metro’s Transfer Design Guide & reflect key findings in Metro’s Understanding How Women Travel Report.
3. Boarding & Riding

- All-Door Boarding
- Easy Boarding Access
- On-Board Technology
- Zero-Emissions
4. Optimize Bus Terminals

- Regional Hubs connecting transit, microtransit & micromobility
- Improve bus predictability & reliability – start each trip on time
- Reduce unnecessary operating cost
- Introduce new ZEB electric charging infrastructure
## NextGen Frequent Lines

<table>
<thead>
<tr>
<th>Service Design Warrants</th>
<th>NextGen</th>
<th>Rapid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequent Headways</td>
<td>5-10 min</td>
<td>5-10 min</td>
</tr>
<tr>
<td>Stop Spacing</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Transit Priorities/bus lanes</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Bus Bulbs/Islands</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Stop Amenities</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Faster Boarding</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Branded Buses and Stations</td>
<td>✔</td>
<td>✗</td>
</tr>
<tr>
<td>Headway Operations/Line Managers</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>
Stop Consolidation

**Metro Local**
(0.15 – 0.20 mi avg)

**Metro Rapid**
(0.06 mi avg)

**NEXTGEN**
(0.25 mi avg)

NextGen stop consolidation provides short walks, shorter waits & faster travel.
### Venice Blvd. Example

<table>
<thead>
<tr>
<th>Mode</th>
<th>Time (in minutes)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Metro</strong></td>
<td></td>
</tr>
<tr>
<td>Local (Existing)</td>
<td>4 - 10 - 36</td>
</tr>
<tr>
<td>Rapid (Existing)</td>
<td>10 - 10 - 33</td>
</tr>
<tr>
<td><strong>NEXTGEN</strong></td>
<td></td>
</tr>
<tr>
<td>Optimized (Hybrid)</td>
<td>6 - 5 - 35</td>
</tr>
<tr>
<td>w/ Transit Priority (Hybrid)</td>
<td>6 - 5 - 28</td>
</tr>
</tbody>
</table>

*Represents a 7.5 mile trip*
A better ride

“I need to pick up my child from daycare by 6:00 PM”

Current

5:00pm  5:12  5:30  5:40  6:02

NextGen

5:00pm  5:06  5:20  5:25  5:43  5:46

Shorter wait
Faster travel times
More frequent buses
Building a World-Class Bus System

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

Reconnect with our customers
- Create service tiers based on projected demand
- Connect the dots
- Coordinate with Muni
- Where we are: 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 Scenarios

<table>
<thead>
<tr>
<th></th>
<th>Existing Conditions Today</th>
<th>Reconnect With Our Customers</th>
<th>Transit First LA County</th>
<th>Secure Future Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Resources (Rev. Hrs)</strong></td>
<td>7.0m</td>
<td>7.0m</td>
<td>7.0m</td>
<td>9.4m</td>
</tr>
<tr>
<td><strong>Resources (Rev. Mi)</strong></td>
<td>75.0m</td>
<td>75.0m</td>
<td>80.5m</td>
<td>105.0m</td>
</tr>
<tr>
<td><strong>High-Frequency Lines (weekday)</strong></td>
<td>16 (Every 10 min or better)</td>
<td>28</td>
<td>29</td>
<td>46</td>
</tr>
<tr>
<td><strong>High-Frequency Lines (weekend)</strong></td>
<td>2 (Every 10 min or better)</td>
<td>14</td>
<td>14</td>
<td>19</td>
</tr>
<tr>
<td><strong>People w/walk access to high-frequency service (weekday)</strong></td>
<td>900,000</td>
<td>2.15m</td>
<td>2.17m</td>
<td>2.96m</td>
</tr>
<tr>
<td><strong>People w/walk access to high-frequency service (weekend)</strong></td>
<td>630,000</td>
<td>1.14m</td>
<td>1.18m</td>
<td>1.49m</td>
</tr>
<tr>
<td><strong>Ridership Increase</strong></td>
<td>0</td>
<td>+5-10%</td>
<td>+15-20%</td>
<td>+25-30%</td>
</tr>
<tr>
<td><strong>% riders who lose convenient walk access to transit</strong></td>
<td>0</td>
<td>0.3%</td>
<td>0.3%</td>
<td>0.3%</td>
</tr>
</tbody>
</table>
Proposed Transit First

Equity Focused Communities
Transit First

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

More than 80% of Metro’s bus riders would have frequent service all-day (compared with 48% today)
More than 80% of Metro’s bus riders would have frequent, all-day service.

Improvements are about travel time and access/comfort while waiting for and riding the bus.

Working toward creating a 7-day-a-week network for all trips, not just commuter trips.
Next Steps

- **Jan 2020**: Board Authorize Release Draft Service Plan for Review
- **Feb 2020**: Public Workshops
- **June 2020**: Public Hearings
- **Aug 2020**: Service Council Approval of Final Service Plan
- **Sept 2020**: Board Approval of Final Service Plan
- **Dec 2020**: New Service Plan Begins Phase 1
- **Jun 2021**: Phase 2
- **Dec 2021**: Phase 3
- **July 2022**: Capital Program
- **July 2023**: Capital Program
- **July 2024**: Capital Program: Annual work program for to be scoped and scheduled, and Board approval of work program and LOP during budget process for each fiscal year
February 2020

- Feb. 1 @ 10am: Los Angeles Trade Technical College
- Feb. 4 @ 4pm: Grand Annex
- Feb. 5 @ 4pm: Marvin Braude Constituent Center
- Feb. 10 @ 4pm: El Monte Station
- Feb. 12 @ 4pm: Plummer Park
- Feb. 13 @ 4pm: Clearwater Building
- Feb. 19 @ 4pm: East Los Angeles College
- Feb. 20 @ 4pm: Pasadena Senior Center
- Feb. 22 @ 10am: Los Angeles Metro Headquarters
- Feb. 25 @ 4pm: Bell Community Center
- Feb. 26 @ 4pm: The Foundation Center
- Feb. 27 @ 4pm: Rose Goldwater Community Center

March 2020

- Mar. 5 @ 4pm: Norwalk Arts & Sports Complex
- Mar. 7 @ 10am: Providence Wellness Center
- Mar. 11 @ 4pm: Asian Youth Center
- Mar. 12 @ 4pm: Chatsworth Branch Library
- Mar. 14 @ 10am: Watts Labor Community Action Center
- Mar. 17 @ 11am: Communities Actively Living Independent and Free Center
- Mar. 18 @ 4pm: Buena Vista Branch Library
- Mar. 24 @ 4pm: Pacoima City Hall
- Mar. 26 @ 4pm: Felicia Mahood Center
- Mar. 30 @ 4pm: Malibu City Hall
- Apr. 4 @ 10am: West Angeles North Campus