Draft 2020 Long Range Transportation Plan for Public Comment

Technical Advisory Committee
June 3, 2020
LRTP is Metro’s Part of SCAG RTP/SCS

LRTP Meets Conformity/Funding Requirements
> Financially Constrained, Technical Analysis for SCAG RTP/SCS
> Major Project Inclusion Required for State & Federal Funding Eligibility

Time to Adopt
> LRTP Developed in Alignment with SCAG’s Schedule
> SCAG Adopted 2020 RTP/SCS May 7th (Transportation portion)

Document Amended As Needed
> SCAG RTP/SCS & LRTP: Both Living Documents
  - Update/Amend to Address Project & Plan Changes
Everything we do supports our mission.

We’re using a robust mix of projects, programs, policies and plans.

- Long Range Transportation Plan
- Moving Beyond Sustainability Plan
- Equity Platform

We’re passionate about creating sustainable and equitable solutions.

- Accountability
- Collaboration
- Innovation
- Safety

We take our responsibilities seriously.

We’re guided by our strategic plan.

- Vision 2028 Strategic Plan
We have a plan for a better LA.

Our mission is improving mobility to enhance the quality of life for you and all who live, work and play in LA County. We’re creating:

**Better Transit**
Providing more transportation options and improving service

**Less Congestion**
Managing the transportation system to ensure people spend less time in traffic

**Complete Streets**
Making streets and sidewalks safe and convenient for all

**Access to Opportunity**
Investing in communities to create jobs and housing near transit

**Public Engagement:**
- > **77** community events
- > **28** public meetings
- > **20,000** survey responses
- > **50,000** completed priority rankings
Elements of the 2020 LRTP

2020 LRTP

- **EXPANDED PROGRAMS**
  - BOLD POLICIES
    - Free Transit
    - Faster, More Frequent Bus Trips
    - Congestion Pricing
  - PARTNERSHIPS
    - Bus-Only Lanes
    - Freight Management Policies
    - TOC & Complete Streets Policies
  - EXPANDED PROGRAMS
    - Expanded ExpressLanes
    - More Off-Peak Transit
    - Active Transportation Network

- **MEASURE M**
  - Funded Transit & Highway Improvements
  - Including Measure R Commitments

- **FUTURE TREND**
  - Future Growth with No Additional Transportation Improvements

- **EXISTING**
  - Our Transportation System Today
Benefits of the 2020 LRTP

- **Transit Trips**
  - Annual trips per capita: 81%

- **Vehicle Hours of Delay**
  - Annual hours per capita: 31%

- **Greenhouse Gas Emissions**
  - Annual million metric tons: 19%
Approximately 1% improvement in daily transit trips for every 1¢ charged per mile.

A fully subsidized transit trip for all riders may increase ridership up to 25%.
Implementing the Plan
Better Transit - Strategies

**Strategies**

1. Expand rail transportation countywide
2. Improve the speed and reliability of the bus transit network
3. Enable easier fare payment
4. Enhance station areas
5. Explore new service delivery innovations
6. Enhance customer experience
7. Enhance transportation system security and build public trust
8. Optimize sustainable operations and maintenance of fleet, infrastructure, and facilities

**Example Actions**

- Complete Metro rail projects in construction
- Implement NextGen Bus Plan Recommendations
- Develop Gender Action Plan and address unique needs of women
Better Transit - Benefits

Percent of households within 10 min walk or roll of high-quality transit

LA County

- With 2020 LRTP:
  - 9% walk
  - 40% bike

- Future Trend:
  - 21%
  - 55%

Equity Focus Communities

- With 2020 LRTP:
  - 22% walk
  - 41% bike

- Future Trend:
  - 68%
  - 80%

Transit Commute Mode Share

- With 2020 LRTP:
  - 8.8%

- Future Trend:
  - 14.7%

- Increase: 67%

Daily Transit Trips

- With 2020 LRTP:
  - 1,287,000

- Future Trend:
  - 2,333,000

- Increase: 81%
## Less Congestion - Strategies

<table>
<thead>
<tr>
<th>Strategies</th>
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<tbody>
<tr>
<td>1. Implement operational improvements with technology</td>
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<tr>
<td>2. Improve traveler information</td>
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<tr>
<td>3. Expand the managed lane network</td>
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<tr>
<td>4. Minimize impact of roadway incidents</td>
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<td>5. Support efficient goods movement</td>
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<td>6. Enhance regional circulation</td>
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<td>7. Enhance the operation of the highway system</td>
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<td>8. Improve the resiliency of Metro’s transportation system</td>
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<table>
<thead>
<tr>
<th>Example Actions</th>
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<tbody>
<tr>
<td>Implement the I-210 Connected Corridors project</td>
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<tr>
<td>Expand Tier 1 ExpressLanes, starting with I-105</td>
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<tr>
<td>Complete Traffic Reduction Study</td>
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Less Congestion - Benefits

Average auto and transit travel time (minutes, AM period)

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<thead>
<tr>
<th></th>
<th>Future Trend</th>
<th>With 2020 LRTP</th>
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</thead>
<tbody>
<tr>
<td>Auto</td>
<td>32.4</td>
<td>26.4</td>
</tr>
<tr>
<td>Transit</td>
<td>62.5</td>
<td>52.2</td>
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</table>

Vehicle hours of delay (VHD) and vehicle miles traveled (VMT) per capita

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<tr>
<th></th>
<th>VHD</th>
<th>VMT</th>
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<tbody>
<tr>
<td>VHD</td>
<td>136</td>
<td>93</td>
</tr>
<tr>
<td>VMT</td>
<td>8,369</td>
<td>7,648</td>
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↓ 19%  ↓ 16%
↓ 31%  ↓ 9%
Complete Streets - Strategies

**Strategies**

1. Improve safety for all users
2. Enhance access to transit stations
3. Establish active transportation improvements as integral elements of the transportation system
4. Maintain a state of good repair on roadways
5. Demonstrate sustainable design and construction practices
6. Reduce regional GHG and criteria air pollutant emissions

**Example Actions**

- Implement Complete Streets Policy
- Complete LA River Path Project
- Expand Metro’s Green Construction Policy (GCP)
Complete Streets - Benefits

Miles of protected bikeways within ½ mile of high-quality transit

LA County

- Future Trend: 60
- With 2020 LRTP: 77
- Increase: 28%

Equity Focus Communities

- Future Trend: 11
- With 2020 LRTP: 18
- Increase: 64%

Million Metric Tons CO2e

- Future Trend: 31
- With 2020 LRTP: 25
- Decrease: 19%

Tons Particulate Matter (PM 10)

- Future Trend: 130
- With 2020 LRTP: 108
- Decrease: 17%
### Strategies

1. Advance equity through institutional transformation to eliminate disparities
2. Build affordable housing near transit
3. Reduce household expenses on transportation
4. Invest in the regional workforce
5. Expand opportunities for small businesses
6. Maximize our local investments

### Example Actions

- Implement Transit Oriented Communities (TOC) Policy
- Expand Low-Income Fare is Easy (LIFE) program
- Support small businesses throughout construction
Access to Opportunity - Benefits

Percent of jobs and activity centers within 10 min walk or roll of high-quality transit

Jobs

Activity Centers

Net increase in jobs and Gross Regional Product from Capital Investment

Jobs: 1.84M

Gross Regional Product: $196B

* A single year of employment for one individual
Investment Plan and Bold Policies
LA County Investments

Countywide Investment, FY2021 – FY 2050, in $billions

- Countywide Rail and Transitway Capital, $60.9, 15%
- Countywide Rail Operations, $46.4, 12%
- Countywide Transit Operations/Paratransit, $98.5, 25%
- Countywide Bus Capital, $20.7, 5%
- Highway, Streets, Roads, and Multimodal, $105.1, 26%
- Debt Service, $35.7, 9%
- Fund Balances & Carryover, $9.8, 2%
- Other, $23.0, 6%

30 Year Total: $400 billion

Metro controls almost ¾ of all LA County transportation funding

Other: includes safety net program, agency-wide admin and capital, and regulatory oversight.
Support for Local Jurisdictions

**Multiyear Subregional Program** (Funding by Type)

30 Year Total: $13.5 billion

- Roadway, $5.8
- Transit, $1.9
- Active Transportation, $4.3
- Prop A, $11.5
- Prop C, $9.5
- Multi-modal, $0.4
- Goods Movement, $0.1
- Other, $1.1

**Local Return** (Funding by Source)

30 Year Total: $38 billion

- Measure M, $13.5
- Measure R, $3.6
- Prop A, $11.5
- Prop C, $9.5

Local street improvements, public transit, and active transportation projects
Moving beyond the capital program

The 2020 LRTP will:

> Provide better options
  • Bus speed improvements
  • Expanded ExpressLanes network
  • First/Last Mile Connections
  • Transit Oriented Communities

> Incentivize transit and active modes
  • Congestion pricing/ VMT fee
  • More affordable transit fares
Next Steps
> 2020 LRTP Adoption Schedule
  • Public Comment (May 29th – July 13th)
  • Request Board Adoption (September)

Implementation
> Short-Range Transportation Plan
  • Project Delivery
  • Prioritized Actions
  • Implementation Roadmap

Questions or Comments?
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OurNext.LA