Every four years the Southern California Association of Governments (SCAG) prepares a long-range Plan for the six-county region that includes Los Angeles, Orange, San Bernardino, Riverside, Ventura, and Imperial counties. The RTP/SCS is a visioning plan that balances future mobility and housing needs with economic, environmental and public health goals. The RTP/SCS embodies a collective vision for the region’s future and is developed with input from local governments, County Transportation Commissions, tribal governments, non-profit organizations, businesses and local stakeholders within the region. Ultimately, the vision of the RTP/SCS is to improve the quality of life for the region’s residents by making the best transportation and land use choices for the future and supporting those choices with wise investments.

What is at the heart of the 2016 RTP/SCS are over 4,000 transportation projects— ranging from freeway improvements, railroad grade separations, bicycle lanes, new transit hubs and replacement bridges. These future investments were identified as local priorities by the six County Transportation Commissions and they seek to reduce traffic bottlenecks, improve the efficiency of the region’s network and expand mobility choices for everyone. The RTP/SCS is an important planning document for the region because it allows project sponsors to qualify for federal funding, and it takes into account operations and maintenance costs as well as revenue sources to ensure reliability, longevity and cost effectiveness.

The RTP/SCS also outlines how the region can better integrate land use with transportation. The RTP/SCS will be supported by a combination of transportation and land use strategies that will help the region achieve state greenhouse gas emission reduction goals and federal Clean Air Act requirements, preserve open space areas, improve public health and roadway safety, support our vital goods movement industry and utilize resources more efficiently.

learn more at: scagrtpscs.net
The 2016 RTP/SCS is developed through a bottoms-up collaborative process which takes into account the input of local cities and counties on their future development and growth projections. These projections help set the stage for the region’s needs for the next 25 years. This roadmap outlines the key steps in developing the RTP/SCS. Included within this roadmap are the numerous discussions on key issues, analyses and policy considerations to be included in the Plan with SCAG’s Regional Council, Policy Committees and stakeholder groups.

**SPRING 2015**
- UPDATE DATA
  (through 2040, the new horizon year)

**SUMMER 2015**
- TRANSPORTATION FINANCIAL ANALYSIS
- ISSUES EXPLORATION
- UPDATE PLANNING ASSUMPTIONS
- LAND USE/ TRANSPORTATION SCENARIOS DEVELOPMENT

**SPRING 2015**
- IDENTIFY PREFERRED SCENARIO
- DEVELOP PROGRAM ENVIRONMENTAL IMPACT REPORT (PEIR)

**WINTER 2015–2016**
- RELEASE DRAFT 2016 RTP/SCS & PEIR
- PUBLIC OUTREACH & COMMENT PERIOD

**SPRING 2016**
- APPROVE DRAFT 2016 RTP/SCS & PEIR

LEARN MORE AT: SCAGRTPSCS.NET
SCAG undertakes a variety of planning and policy initiatives on behalf of the region, in coordination with its members and stakeholders. SCAG worked with the Orange County Transportation Authority (OCTA), elected officials and local jurisdictions in Orange County to develop the 2016 RTP/SCS. The Plan includes $48.5 billion in transportation projects for Orange County. The 2016 RTP/SCS is guided by and incorporates all projects from OCTA’s own Long-Range Transportation Plan. The list below features major transportation projects from a total of 360 Orange County-specific projects contained in the 2016 RTP/SCS.

### COUNTY PROJECTIONS

#### HOUSEHOLD GROWTH

<table>
<thead>
<tr>
<th>Year</th>
<th>Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>999,000</td>
</tr>
<tr>
<td>2040</td>
<td>1,152,000</td>
</tr>
</tbody>
</table>

#### POPULATION GROWTH

<table>
<thead>
<tr>
<th>Year</th>
<th>Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>3,071,000</td>
</tr>
<tr>
<td>2040</td>
<td>3,461,000</td>
</tr>
</tbody>
</table>

#### CHANGING DEMOGRAPHICS

<table>
<thead>
<tr>
<th>Age Group</th>
<th>2012</th>
<th>2040</th>
</tr>
</thead>
<tbody>
<tr>
<td>under 15</td>
<td>19%</td>
<td>18%</td>
</tr>
<tr>
<td>15-64</td>
<td>68%</td>
<td>63%</td>
</tr>
<tr>
<td>65+</td>
<td>12%</td>
<td>19%</td>
</tr>
</tbody>
</table>

### COUNTY RTP PROJECTS

#### MAJOR PROJECTS IN COUNTY

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
<th>Estimated Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orangethorpe Ave. grade separation improvement</td>
<td>$110 M</td>
<td>2016</td>
</tr>
<tr>
<td>State College grade separation at BNSF railroad</td>
<td>$86 M</td>
<td>2018</td>
</tr>
<tr>
<td>La Paz Rd. widening from Muirlands/I-5 to Chrisanta Dr.</td>
<td>$11 M</td>
<td>2019</td>
</tr>
<tr>
<td>SR-55 - add one mixed-flow lane in each direction from I-405 to I-5 including operational improvements</td>
<td>$275 M</td>
<td>2020</td>
</tr>
<tr>
<td>San Joaquin Hills Transportation Corridor - add one mixed-flow lane each direction, plus climbing and auxiliary lanes</td>
<td>$351 M</td>
<td>2020</td>
</tr>
<tr>
<td>Eastern Transportation Corridor – add two mixed-flow lanes each direction, plus climbing and auxiliary lanes</td>
<td>$632 M</td>
<td>2020</td>
</tr>
<tr>
<td>OC Streetcar between Santa Ana Regional Transportation Center and a new transit center in Garden Grove (near intersection of Harbor Blvd. and Westminster Ave.)</td>
<td>$300 M</td>
<td>2021</td>
</tr>
<tr>
<td>I-405 - add one mixed-flow lane in each direction from SR-73 to I-605</td>
<td>$1.3 B</td>
<td>2022</td>
</tr>
<tr>
<td>SR-57 - truck climbing lane from Lambert to Los Angeles County line</td>
<td>$125 M</td>
<td>2030</td>
</tr>
<tr>
<td>SR-91 - add one mixed-flow lane in each direction including operational improvements from SR-55 to SR-57</td>
<td>$425 M</td>
<td>2030</td>
</tr>
<tr>
<td>Regional Capacity Program/Master Plan of Arterial Highways</td>
<td>$2.7 B</td>
<td>2035</td>
</tr>
<tr>
<td>I-405 – Convert existing HOV to HOT and add one additional HOT lane each direction from SR-73 to I-605</td>
<td>$400 M</td>
<td>2035</td>
</tr>
<tr>
<td>Metrolink operations (increase from 54 to 62 weekday trains)</td>
<td>$146 M</td>
<td>2040</td>
</tr>
</tbody>
</table>
SCAG has integrated land use, housing and environmental strategies with transportation planning to help meet emissions reduction targets by the California Air Resources Board. This Sustainable Communities Strategy provides an alternative to “business as usual” development. It encourages community revitalization and neighborhoods that are bike and pedestrian friendly, with convenient access to transit. By implementing these strategies, Orange County will benefit from:

### Benefits of RTP/SCS

#### Employment Impact

Average Number of Jobs Generated by RTP/SCS Investments Per Year: **25,700**

#### Projected Improvements in Daily Delay Per Person

- **2012 Delay:** 12.4 mins.
- **2040 Delay Without Plan:** 13.8 mins.
- **2040 Delay With Plan:** 7.4 mins.

### Total Investments in County

- Transit: **58%**
- Local Streets & Roads: **12%**
- Highways: **31%**

**$48.5 BILLION**

### Regional Projects in the SCAG Region

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
<th>Estimated Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional transportation demand management investments</td>
<td>$4.5 B</td>
<td>2040</td>
</tr>
<tr>
<td>Additional transportation system management (congestion management) investments</td>
<td>$5 B</td>
<td>2040</td>
</tr>
<tr>
<td>Regional Express/HOT Lane Network</td>
<td>$5.7 B</td>
<td>2040</td>
</tr>
<tr>
<td>Additional active transportation investments</td>
<td>$8.1 B</td>
<td>2040</td>
</tr>
<tr>
<td>Additional transit service investments</td>
<td>$8.5 B</td>
<td>2040</td>
</tr>
</tbody>
</table>

### Land Consumed

- **18%** Reduction in Greenfield Land
  - (the plan preserves 3 square miles of undeveloped land in Orange County)

### Household Cost Savings

- **$16,702 - $15,061 = $1,641**
  - Business as Usual
  - SCS Adopted Plan
  - Annual Household Savings
  - (includes Fuel, Auto Operating, Energy, and Water Costs per Household)

**Learn More At:** SCAGRTPSCS.NET
MOBILITY BENEFITS

- The Plan increases combined work trips made by carpooling, active transportation and public transit by nearly 4%
- By promoting more location-efficient land use patterns and improving transit service, the Plan reduces daily Vehicle Miles Traveled (VMT) per capita by nearly 10% (19.7 miles versus 21.8 miles) and Vehicle Hours Traveled (VHT) per capita by 18% (for automobiles and light/medium duty trucks)
- The Plan increases daily transit travel by nearly one third, as a result of transit service enhancements and more transit-oriented development patterns
- The Plan reduces delay per capita by 45% (8.5 minutes vs. 15.4 minutes of extra time spent in traffic)

SPENDING LESS TIME ON THE ROAD

- **Average daily vehicle miles driven per person**: 19.7 miles
- **Daily delay per capita (extra time spent in traffic)**: 8.5 minutes
- **Reduction**: 10% and 45%

HEALTH BENEFITS

- The Plan’s projects and strategies reduce total annual health costs for respiratory disease by more than 13%, reduces the regional obesity rate by 2.5% and reduces the share of our population that suffers with high blood pressure by 3%
- Public health improvements are the result of more walkable and bikeable communities and improved regional air quality
- The Plan includes $12.9 billion in active transportation investments, including a 2,200-mile Regional Greenway Network of separated bikeways

IMPROVED AIR QUALITY

- **ROG**
  - Before: 48.5 TONS
  - After: 44.3 TONS
  - Reduction: 9%
- **CO**
  - Before: 334.7 TONS
  - After: 302.9 TONS
  - Reduction: 10%
- **NOx**
  - Before: 96.1 TONS
  - After: 88.4 TONS
  - Reduction: 8%
- **PM2.5**
  - Before: 13.2 TONS
  - After: 12.5 TONS
  - Reduction: 6%

GHG REDUCTIONS

- **2020**: 8%
- **2035**: 18%
- **2040**: 22%
ECONOMIC BENEFITS

• Creates an annual average of 188,000 new jobs due to construction and operations expenditures
• Creates an additional 374,500 annual jobs in a broad cross-section of industries due to the region’s increased competitiveness and improved economic performance
• The Plan will provide a $2.00 investment return for every $1 spent

MORE ECONOMIC OPPORTUNITIES

$1.00 = $2.00
INVESTMENT  BENEFIT

374,500
additional jobs supported by improving competitiveness

SUSTAINABILITY BENEFITS

• Reduction of per capita GHG emissions of 8% by 2020 (vs. target of 8%), 18% by 2035 (vs. target of 13%) and 22% by 2040
• Reduces by 23% the amount of previously undeveloped (greenfield) lands converted to more urbanized use. By conserving open space and other rural lands, the Plan provides a solid foundation for more sustainable development in the SCAG region
• Reduces building energy use by approximately 4%, building water use by 0.7 percent, and household costs by 12% (for home energy/water use and transportation costs)
• Reduces passenger vehicle fuel use by 10%

EFFICIENCY COST SAVINGS

12%
HOUSEHOLD COSTS
(transportation/energy/water use)
$14,000/yr

4%
REDUCTION IN BUILDING ENERGY COSTS

10%
PASSENGER VEHICLE FUEL USE
### PUBLIC ENGAGEMENT

<table>
<thead>
<tr>
<th>Month</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>Ongoing Engagement with Key Stakeholders</td>
</tr>
<tr>
<td>February</td>
<td>Policy Discussions</td>
</tr>
<tr>
<td>March</td>
<td>RTP/SCS Workshops (Public Open Houses)</td>
</tr>
<tr>
<td>April</td>
<td>Policy Discussions</td>
</tr>
</tbody>
</table>

### REGIONAL COUNCIL & POLICY COMMITTEES

<table>
<thead>
<tr>
<th>Month</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>May</td>
<td>Regional Conference &amp; General Assembly Workshop</td>
</tr>
<tr>
<td>June</td>
<td>Policy Discussions</td>
</tr>
<tr>
<td>July</td>
<td>Policy Discussions</td>
</tr>
<tr>
<td>August</td>
<td>Policy Discussions</td>
</tr>
<tr>
<td>September</td>
<td>Policy Discussions</td>
</tr>
<tr>
<td>October</td>
<td>Policy Discussions</td>
</tr>
<tr>
<td>November</td>
<td>Policy Discussions</td>
</tr>
</tbody>
</table>

### 2016 RTP/SCS & PEIR

<table>
<thead>
<tr>
<th>Year</th>
<th>Month</th>
<th>Event</th>
</tr>
</thead>
</table>

### 2016

<table>
<thead>
<tr>
<th>Month</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>Public Hearings &amp; Stakeholder Presentations</td>
</tr>
<tr>
<td>February</td>
<td>Participation in Elected Official Briefings</td>
</tr>
<tr>
<td>March</td>
<td>Review Proposed Final RTP/SCS</td>
</tr>
<tr>
<td>April</td>
<td>Adoption of 2016 RTP/SCS</td>
</tr>
<tr>
<td></td>
<td>Review Proposed Final PEIR</td>
</tr>
<tr>
<td></td>
<td>Certification of Proposed Final PEIR</td>
</tr>
</tbody>
</table>
SCHEDULE OF BRIEFINGS & HEARINGS

ELECTED OFFICIAL BRIEFING DATES

Imperial County
January 27, 5:00 p.m. – 7:00 p.m.
ICTC Board Meeting
County Board Chambers
940 Main Street
El Centro, CA 92243

Los Angeles County
January 11, 1:30 p.m. – 3:30 p.m.
South Bay Environmental Services Center
20285 S. Western Avenue, #100
Torrance, CA 90501

January 13, 6:00 p.m. – 8:00 p.m.
Gateway Cities COG Office
16401 Paramount Blvd
Paramount, CA 90723

January 14, 12:00 p.m. – 1:30 p.m.
Plummer Park – Fiesta Hall
7377 Santa Monica Boulevard
West Hollywood, CA 90069

January 25, 10:00 a.m. – 12:00 p.m.
North County Transportation Coalition
City of Palmdale–City Hall
38300 N. Sierra Highway
Palm Desert, CA 93550

January 26, 2:30 p.m. – 4:30 p.m.
Monrovia Community Center
119 W. Palm Avenue
Monrovia, CA 91016

Orange County
January 12, 9:00 a.m. – 11:00 a.m.
OCTA – First Floor Conference RM 103/104
600 S. Main Street
Orange, CA 92868

January 20, 5:30 p.m. – 7:30 p.m.
OCTA – First Floor Conference RM 103/104
600 S. Main Street
Orange, CA 92868

Riverside County
January 11, 12:00 p.m. – 1:00 p.m.
CVAG Offices
73-710 Fred Waring Way
Palm Desert, CA 92260

January 13, 11:00 a.m. – 12:30 p.m.
Riverside County Administrative Center
Board of Supervisors Chambers
4080 Lemon Street, 1st Floor
Riverside, CA 92501

San Bernardino County
January 6, 11:30 a.m. – 1:00 p.m.
San Bernardino Associated Governments
Santa Fe Depot–SANBAG 1st Floor Lobby
1170 W. 3rd Street
San Bernardino, CA 92410

January 15, 10:30 a.m. – 12:00 p.m.
Town of Apple Valley Conference Center
14975 Dale Evans Parkway
Apple Valley, CA 92307

Ventura County
January 14, 5:00 p.m. – 7:00 p.m.
VCOG Board Meeting
Camarillo City Council Chambers
601 Carmen Drive
Camarillo, CA 93010

PUBLIC HEARING DATES

Tuesday, January 12, 7:00 p.m.
Tuesday, January 19, 10:00 a.m.
Saturday, January 23, 10:00 a.m.

TO BE HELD CONCURRENTLY AT THESE LOCATIONS

Imperial County
1405 N. Imperial Avenue, Suite 1
El Centro, CA 92243

Los Angeles County
818 W. 7th Street, 12th Floor
Los Angeles, CA 90017

Riverside County
3403 10th Street, Suite 805
Riverside, CA 92501

San Bernardino County
1170 W. 3rd Street, Suite 140
San Bernardino, CA 92410

Ventura County
950 County Square Drive, Suite 101
Ventura, CA 93003

Orange County
AT THE FOLLOWING DATES & LOCATIONS ONLY

January 19 – 10:00 a.m.*
OCTA
600 S. Main Street, Suite 964
Orange, CA 92868

January 21 – 6:00 p.m.
Santa Ana Regional Transportation Center – Logan Room
1000 E. Santa Ana Blvd.
Santa Ana, CA 92701

* Space is limited and an RSVP is required to
Kevin Gilhooley at (213) 236-1878
or Gilhooley@scag.ca.gov.

¿Necesita ayuda de intérprete durante una de nuestras reuniones? Para solicitar un intérprete, sírvase comunicarse por correo electrónico al: rtpscs@scag.ca.gov por lo menos 72 horas antes de la reunión.

會議參加者若在會議中需要翻譯服務，請在參加會議開始前的72小時內將電子郵件寄至rtpscs@scag.ca.gov提出翻譯服務要求。

통역이 필요한 경우 회의 시작하기 72 시간 전에 rtpscs@scag.ca.gov에 이메일을 보내서 통역을 요청하시기 바랍니다。

Cần phiên dịch ở một trong những buổi họp của chúng tôi? Quý vị có thể yêu cầu một thông dịch viên qua email rtpscs@scag.ca.gov trước 72 tiếng.
SCAG understands how vital public comments are to the development of the Final 2016 RTP/SCS. Comments may be submitted in one of three ways:

1. **Fill out the online public comment form at** [www.scagrtpscs.net](http://www.scagrtpscs.net).

2. **Mail a letter to us at:**

   Draft 2016 RTP/SCS Comments  
   Attn: Courtney Aguirre  
   Southern California Association of Governments  
   818 W. 7th Street, 12th Floor  
   Los Angeles, CA 90017

3. **Come speak at a** Public Hearing.
REGIONAL OFFICES

Imperial County
1405 North Imperial Avenue, Suite 1
El Centro, CA 92243
Phone: (760) 353-7800
Fax: (760) 353-1877

Orange County
OCTA Building
600 South Main Street, 9th Floor
Orange, CA 92863
Phone: (714) 542-3687
Fax: (714) 560-5089

Riverside County
3403 10th Street, Suite 805
Riverside, CA 92501
Phone: (951) 784-1513
Fax: (951) 784-3925

San Bernardino County
Santa Fe Depot
1170 West 3rd Street, Suite 140
San Bernardino, CA 92418
Phone: (909) 806-3556
Fax: (909) 806-3572

Ventura County
950 County Square Drive, Suite 101
Ventura, CA 93003
Phone: (805) 642-2800
Fax: (805) 642-2260