

Value of Expediting Project Delivery

California State Senate Transportation and
Housing Committee Informational Hearing

March 13, 2015

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About SCAG



SCAG FACTS ▶

- Nation's largest Metropolitan Planning Organization (MPO)
- 38,000 Square Miles
- 15 Subregions
- Nation's Global Gateway for Trade



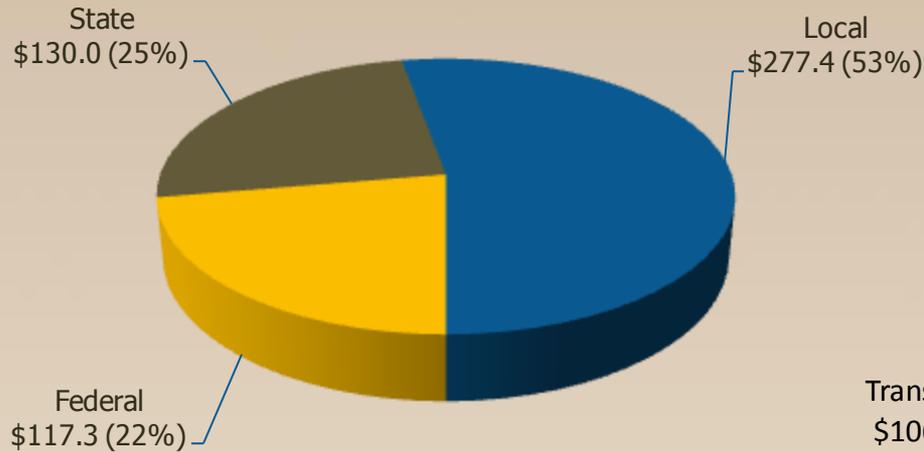
Adopted 2012-2035 Regional Transportation Plan/Sustainable Communities Strategy

- Almost \$525 billion in investments to improve the SCAG region's transportation system through 2035
- \$263 billion in capital investments
- \$217 billion in system operations, preservation, and maintenance
- \$45 billion in debt service to advance construction of projects

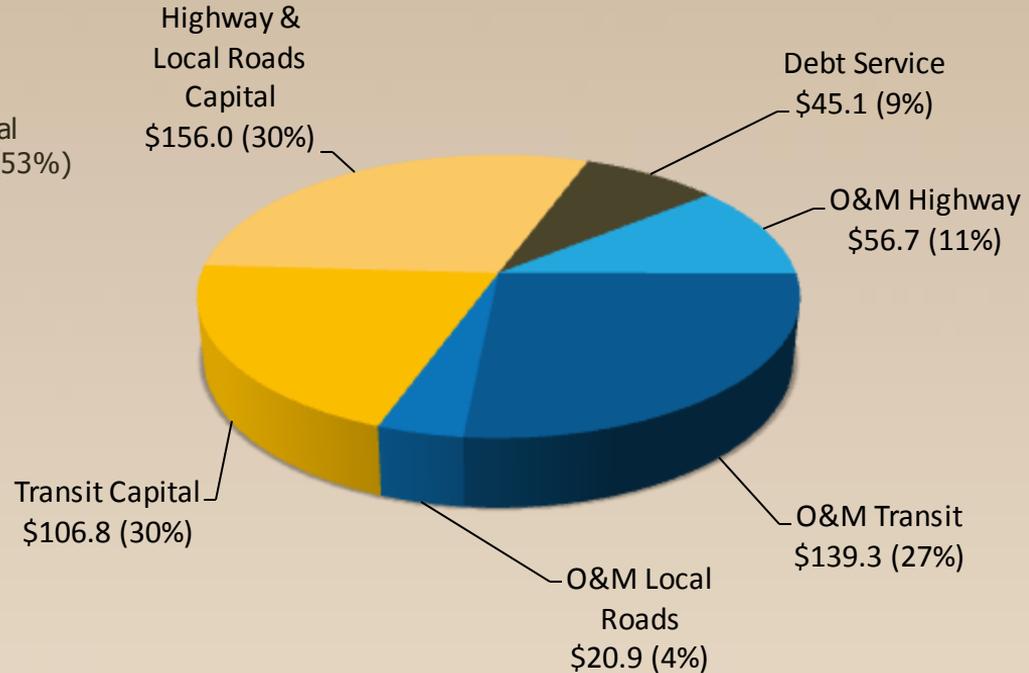


How the RTP/SCS is Funded

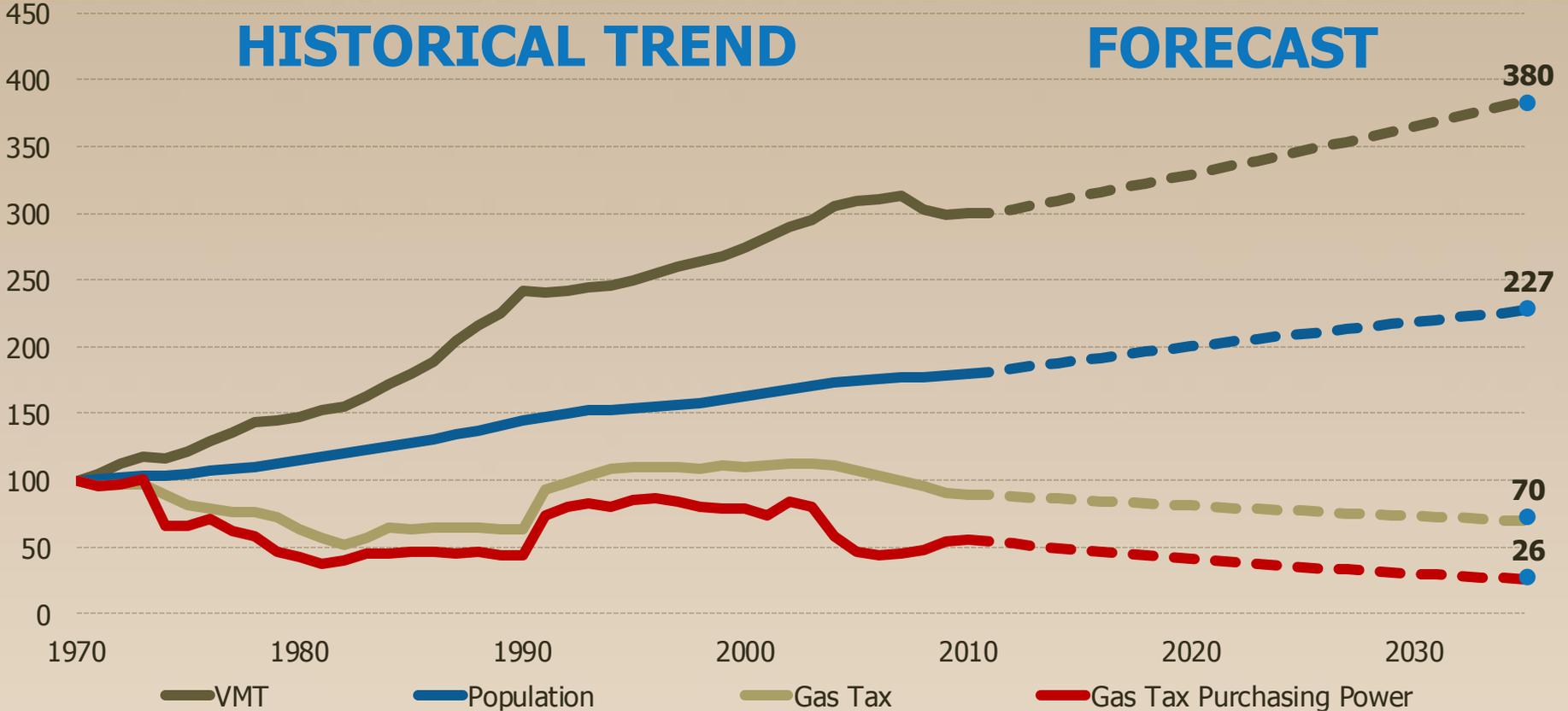
REVENUES



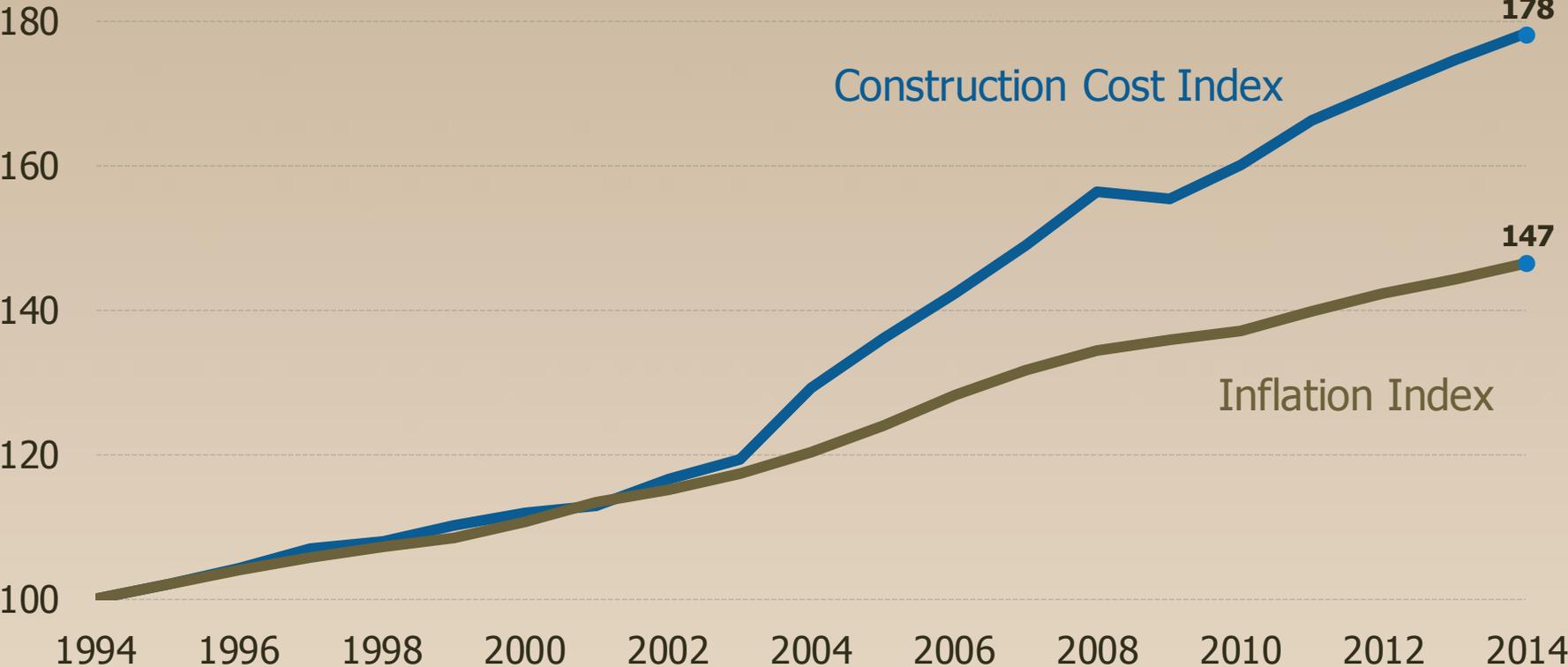
EXPENDITURES



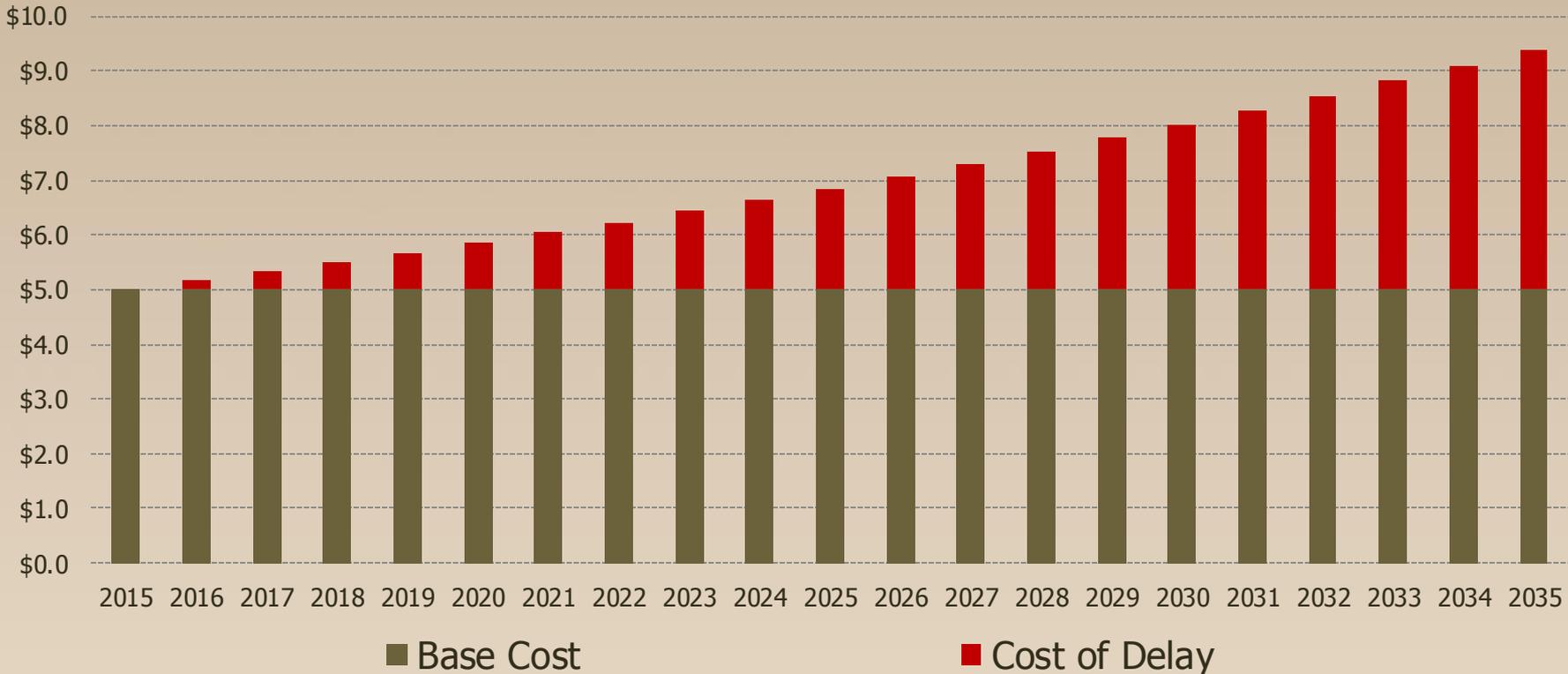
Long-Term Funding Challenge



Construction Costs Growing Faster than General Inflation



Impact of Construction Cost Escalation and Project Delay



Annualized Job Benefits of RTP/SCS



CONSTRUCTION

174,500

Annual Jobs



NETWORK BENEFITS

- Commuting
- Accessibility
- Transportation

354,500

Annual Jobs

Annualized Job Benefits by County

VENTURA COUNTY
3,400 Jobs
<http://bit.ly/17VTd2n>

LOS ANGELES COUNTY
92,000 Jobs
<http://bit.ly/17VVfzn>

ORANGE COUNTY
35,100 Jobs
<http://bit.ly/1EqFmgR>



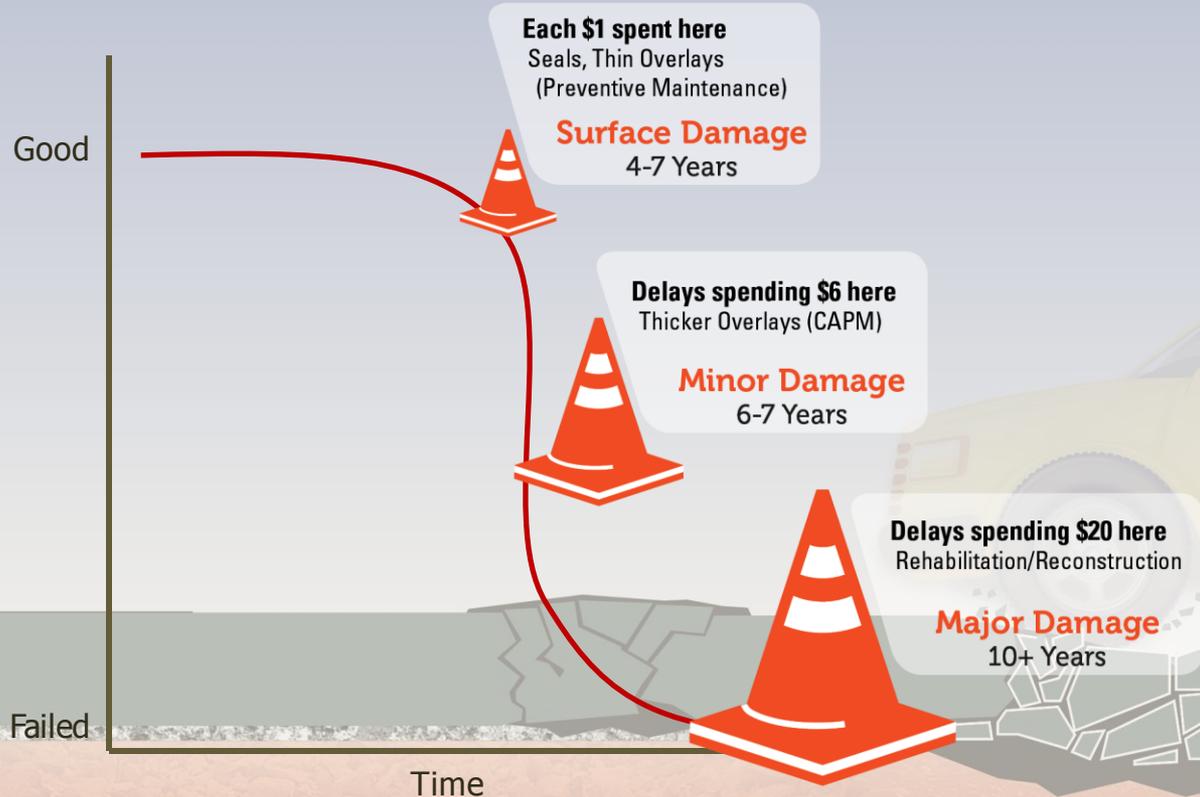
SAN BERNARDINO COUNTY
18,300 Jobs
<http://bit.ly/17VUdUf>

RIVERSIDE COUNTY
24,400 Jobs
<http://bit.ly/1EqF49U>

IMPERIAL COUNTY
1,000 Jobs
<http://bit.ly/1EqFLjq>

Follow links for additional benefits and key projects in each county

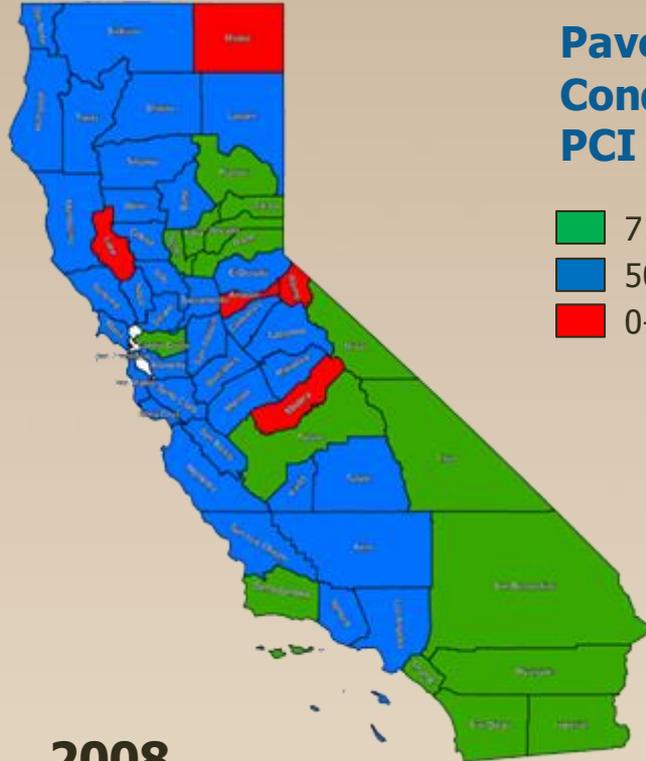
Preservation Cost-Effectiveness



Bridge Conditions in SCAG Region

County	Number of Bridges	Number of Structurally Deficient Bridges	Number of Functionally Obsolete Bridges	Total Deficient	% Structurally Deficient	% Functionally Obsolete	% Deficient
IMPERIAL	436	43	25	68	10%	6%	16%
LOS ANGELES	3,552	391	906	1,297	11%	26%	36%
ORANGE	1,117	68	252	320	6%	23%	29%
RIVERSIDE	1,074	11	127	237	10%	12%	22%
SAN BERNARDINO	1,384	178	87	265	13%	6%	19%
VENTURA	497	50	74	124	10%	15%	25%
TOTALS	8,060	840	1,471	2,311	10%	18%	28%

Pavement Condition by County



2008

Pavement Condition Index PCI

- 71-100 (Good)
- 50-71 (At Risk)
- 0-49 (Poor)



2014

SCAG Region has Highest Vehicle Operating Costs (VOC) Due to Poor Road Conditions

Rank	Urban Area	Annual VOC
1	Los Angeles-Long Beach-Santa Ana	\$832
2	Tulsa	\$784
3	San Francisco-Oakland	\$782
4	Oklahoma City	\$782
5	San Diego	\$758
6	San Jose	\$737
7	Tucson	\$723
8	Milwaukee	\$700
9	New Orleans	\$687
10	New York City-Newark	\$673

Source: America's Roughest Rides and Strategies to Make Our Roads Smoother (October 2013)

Local Streets and Roads System Preservation Need in SCAG Region

County	Total Miles	Total 21 Year Needs (\$M)	Total 21 Year Funding (\$M)	Shortfall (\$M)
IMPERIAL	4,251	\$2,439	\$654	(\$1,785)
LOS ANGELES	21,543	\$26,267	\$8,300	(\$17,967)
ORANGE	6,600	\$7,005	\$2,417	(\$4,588)
RIVERSIDE	7,876	\$7,576	\$2,822	(\$4,754)
SAN BERNARDINO	9,825	\$9,476	\$1,889	(\$7,587)
VENTURA	2,515	\$2,702	\$581	(\$2,121)
TOTALS	52,610	\$55,466	\$16,664	(\$38,802)

Additional Investment Needed for Global Competitiveness

GLOBAL COMPETITIVENESS RANKING

Rank	County
1	Switzerland
2	Singapore
3	United States
4	Finland
5	Germany
6	Japan
7	Hong Kong SAR
8	Netherlands
9	United Kingdom
10	Sweden
11	Norway
12	United Arab Emirates
13	Denmark

INFRASTRUCTURE RANKING

Rank	County
1	Hong Kong SAR
2	Singapore
3	United Arab Emirates
4	Netherlands
5	Switzerland
6	Japan
7	Germany
8	France
9	Spain
10	United Kingdom
11	Taiwan, China
12	United States
13	Austria

Global Competitiveness Ranking is a composite score for Governance, Environment, Education, Public Health, Market Efficiency, Technology Readiness, Business Sophistication, etc.

Southern California - A Major Trade Gateway for U.S.

The region is the largest **international trade gateway in the U.S.**, supported by marine ports, air cargo facilities, railroads, and freeways.

In 2013

- over **\$403 billion** of maritime cargo were collectively handled by the Ports of Los Angeles, Long Beach, and Hueneme
- nearly **\$92 billion** in international air cargo was handled by regional airports
- almost **\$14 billion** of trade passed through Imperial County POEs



Goods Movement Projects and Strategies

Goods Movement Investments 2012 RTP/SCS

Over \$70 Billion*

- Freight Corridors
- Port access
- Freight rail capacity
- Grade separations
- Truck bottleneck projects
- Intermodal facilities
- Emission reduction strategies



** Approximately \$20 Billion in funding identified to date*

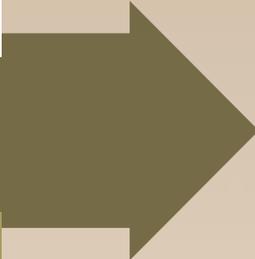
Accelerating Five Years of Projects



CONSTRUCTION	
Jobs Per Year	5 Year GDP Gross
102,143	\$35.1B



NETWORK & OPERATIONS BENEFITS	
Jobs Per Year	5 Year GDP Gross
204,293	\$128B



CONSTRUCTION COST SAVINGS	
\$1.25-1.95B Per Year Average	\$6.8-9.9B 5 Year GDP Gross

Major transportation projects take an average of **17** years to deliver

Thank You

