

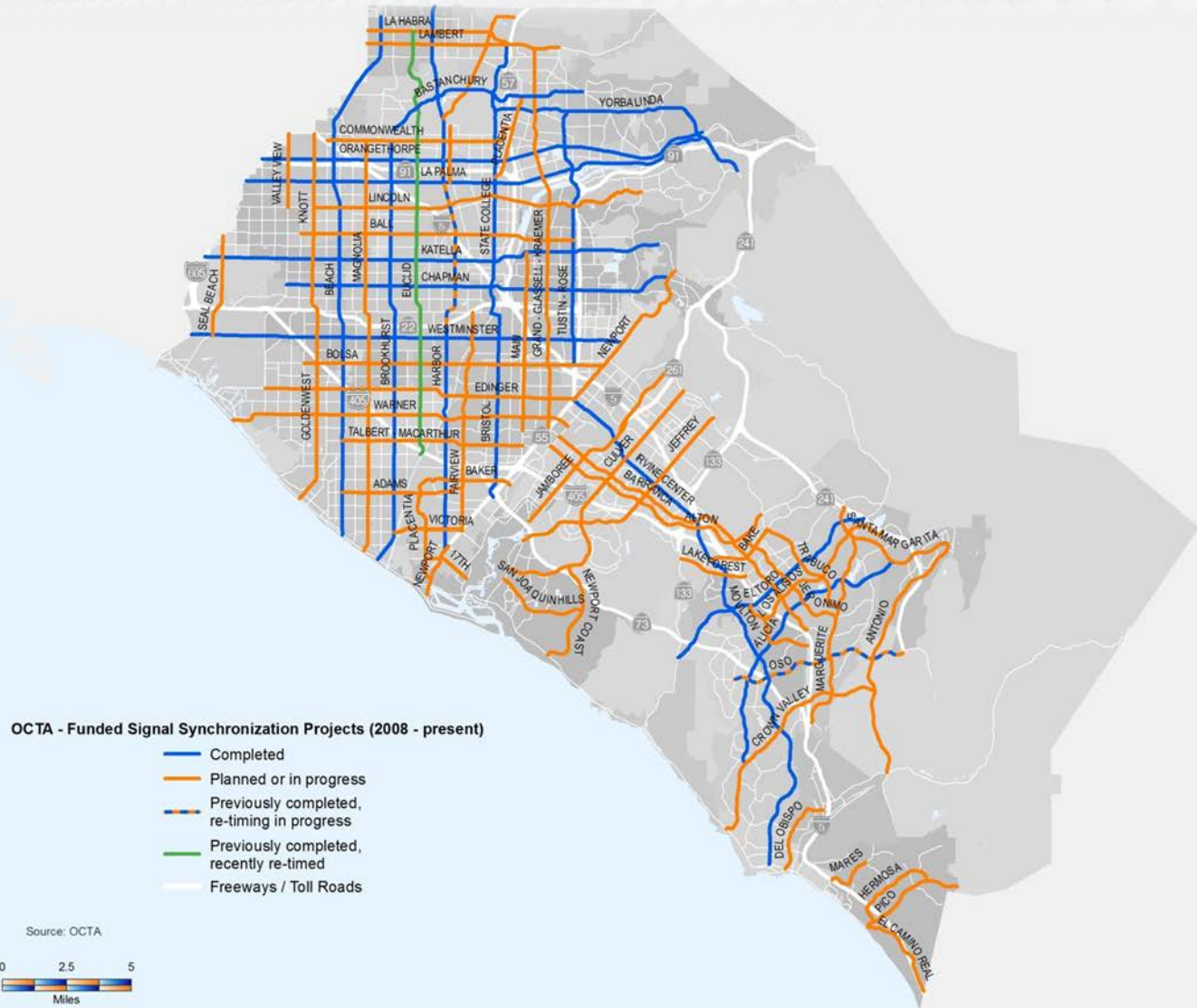
Regional Traffic Signal Synchronization (Project P) Overview



Signal Synchronization Program Overview

- Competitive funding for local agencies
 - Three-year grants for signal timing
 - Local agencies lead, with OCTA option
 - Local agencies contribute
 - Regional projects that cross jurisdictions
- Goal – Coordinate at least 2,000 signals and
750 miles

Projects Completed, Planned, or In-Progress



Summary of Results for Completed Projects

Corridor Name	Lead Agency	Length (Miles)	Signals	Project Cost	Estimated Gas Savings (Dollars)	Travel Time Improvement	Average Speed Improvement	Stops per Mile Improvement
<i>Euclid Street</i>	OCTA	15	62	\$ 450,000	\$ 3,091,631	20%	24%	43%
<i>Pacific Park/Oso Parkway</i>	OCTA	9	34	\$ 250,000	\$ 3,647,370	22%	29%	50%
<i>Alicia Parkway</i>	OCTA	11	41	\$ 945,000	\$ 806,001	13%	12%	40%
<i>Beach Boulevard</i>	OCTA	20	70	\$ 1,300,000	\$ 10,469,722	14%	21%	28%
<i>Chapman Avenue (South)</i>	OCTA	15	52	\$ 800,000	\$ 3,244,679	16%	18%	46%
<i>Edinger/Irvine Center Drive/Moulton</i>	OCTA	22	109	\$ 846,000	\$ 4,609,706	11%	14%	34%
<i>Harbor Boulevard</i>	OCTA	16	107	\$ 520,000	\$ 3,226,111	11%	12%	23%
<i>Orangethorpe Avenue</i>	OCTA	19	44	\$ 698,000	\$ 2,659,036	17%	20%	42%
<i>State College/Bristol Street</i>	OCTA	17	97	\$ 760,000	\$ 4,089,735	15%	18%	28%
<i>Westminster Avenue</i>	OCTA	13	48	\$ 620,000	\$ 3,706,888	14%	17%	35%
<i>Brookhurst Street</i>	OCTA	16	56	\$ 631,764	\$ 7,850,209	19%	18%	31%
<i>El Toro Road</i>	OCTA	11	40	\$ 478,916	\$ 3,302,828	19%	24%	32%
<i>Katella Avenue</i>	OCTA	17	69	\$ 673,845	\$ 4,435,716	14%	14%	36%
<i>La Palma Avenue</i>	OCTA	18	58	\$ 803,999	\$ 4,555,572	18%	22%	27%
<i>Yorba Linda Boulevard</i>	OCTA	15	51	\$ 521,837	\$ 2,491,455	14%	12%	32%
<i>Bastanchury Road</i>	Fullerton	8	27	\$ 674,920	\$ 1,053,012	13%	15%	49%
<i>Euclid Street*</i>	Fullerton	17	66	\$ 1,250,000	\$ 4,730,076	15%	17%	40%
<i>Tustin/Rose Drive</i>	OCTA	10	43	\$ 854,000	\$ 2,309,837	15%	17%	37%
Summary of All Projects		269	1074	\$ 13,078,280	\$ 70,279,583¹	16%	18%	36%

*Euclid Street is included twice as it was originally synchronized in 2008 and re-timed in 2013.

¹ Based on \$3.90 per gallon of gas

Improvements are calculated over the full corridor across both directions and all time periods.

Next Steps

- 51 signal projects planned or in-progress
- \$37.8 million improvements
- 363 miles and 1,360 signals
- Local agencies have applied for more projects with 2014 call for projects
- Additional project funding recommendations to the Board of Directors in spring 2014