

Signal Synchronization Program Update

Taxpayer Oversight Committee

February 10, 2015



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 – Regularly Coordinate 2,000 signals

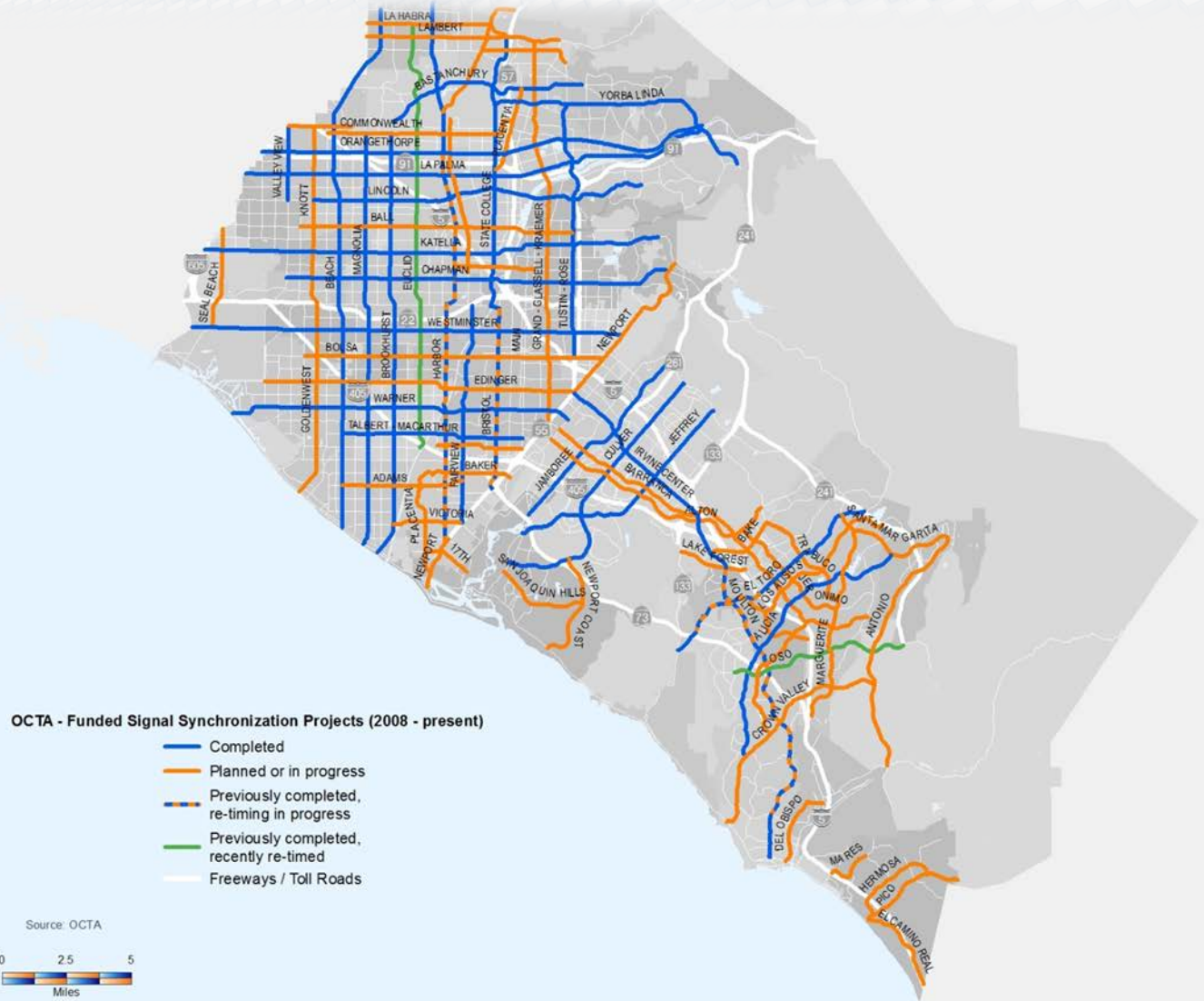
Ten Projects Recently Completed in 2014

| Corridor Name | Lead Agency | Length (Miles) | Signals | Travel Time Improvement | Average Speed Improvement | Stops Improvement |
|--|-------------|------------------|-------------------|-------------------------|---------------------------|-------------------|
| Culver Drive | Irvine | 11 | 39 | 12% | 12% | 19% |
| Fairview Road/ Street | Costa Mesa | 8 | 31 | 11% | 12% | 24% |
| Jamboree Road | Irvine | 8 | 27 | 9% | 9% | 19% |
| Jeffrey Road | Irvine | 9 | 33 | 9% | 10% | 26% |
| Lincoln Avenue | Anaheim | 13 | 47 | 9% | 15% | 25% |
| MacArthur Boulevard/ Talbert Avenue | OCTA | 7 | 26 | 7% | 8% | 13% |
| Magnolia Street | OCTA | 16 | 53 | 10% | 12% | 15% |
| Pacific Park Drive /Oso Parkway | OCTA | 8 | 31 | 16% | 19% | 29% |
| Valley View Street | Buena Park | 3 | 14 | 28% | 24% | 37% |
| Warner Avenue | OCTA | 13 | 43 | 8% | 6% | 26% |
| | | Total: 97 | Total: 344 | Avg: 12% | Avg: 13% | Avg: 23% |

Summary of Results for All Completed Projects

- 28 signal projects complete
- \$19.4 million improvements along 363 miles and 1,413 signals
- Travel time improved an average of 14%
- Speeds improved an average of 16%
- Stops reduced an average of 32%
- Projects to reduce GHG by over 486 million pounds and save fuel by up to \$92 million

Projects Completed, Planned, or In-Progress



Next Steps

- 50 signal projects planned or in-progress
- \$41.1 million improvements
- 315 miles and 1,196 signals
- Local agencies have the opportunity to apply for more projects with 2015 call for projects
- Additional project funding recommendations to the Board of Directors in spring 2015

