Lake Forest Transportation Mitigation

Traffic improvement projects are developed to enhance traffic safety, facilitate traffic circulation, and provide congestion relief throughout Lake Forest. In support of these goals, our most recent phase of traffic improvement projects included the milestone accomplishments of the opening of Alton Parkway and Rancho Parkway. These upcoming traffic projects continue the City's commitment to promoting optimal traffic conditions.

Current residential development projects are expected to generate $9 million for citywide traffic improvements.

Citywide Traffic Signal Management Program

As part of the Traffic Signal Management program, the City is implementing new and improved ways to keep traffic flowing while reducing harmful emissions to the environment, such as:

- Upgrade equipment to monitor intersections remotely while continuing to deploy field staff to resolve any signal issues that may cause delays. The City will be able to adjust traffic signal timing right from City Hall.
- Upgrade to an advanced controller system called Centrax to allow city traffic signals to "talk" or share data with traffic signals in adjoining cities, allowing the City to adjust signal timing as traffic patterns and volumes demand.
- Perform 24-hour traffic counts at 120 key locations in the city. The data is used to re-time traffic signals as needed, help the City enhance its understanding of traffic patterns, and aid the planning of future traffic improvement projects.

A tool the City uses to understand traffic generated by OSA projects is the Lake Forest Traffic Analysis Model.The model projects future traffic patterns helping the City plan for intersection and road improvements.

Illuminated Street Name Sign Panels

Thirty two (32) new illuminated street name sign panels will enhance traffic safety and improve visibility.

For more information, contact Public Works at 461-3480.

City of Lake Forest

Traffic Improvement Projects

25550 Commercentre Drive • Suite 100
Lake Forest, CA 92630 (949) 461-3400
www.lakeforestca.gov

Traffic Improvement Projects

2013-2015 Projects

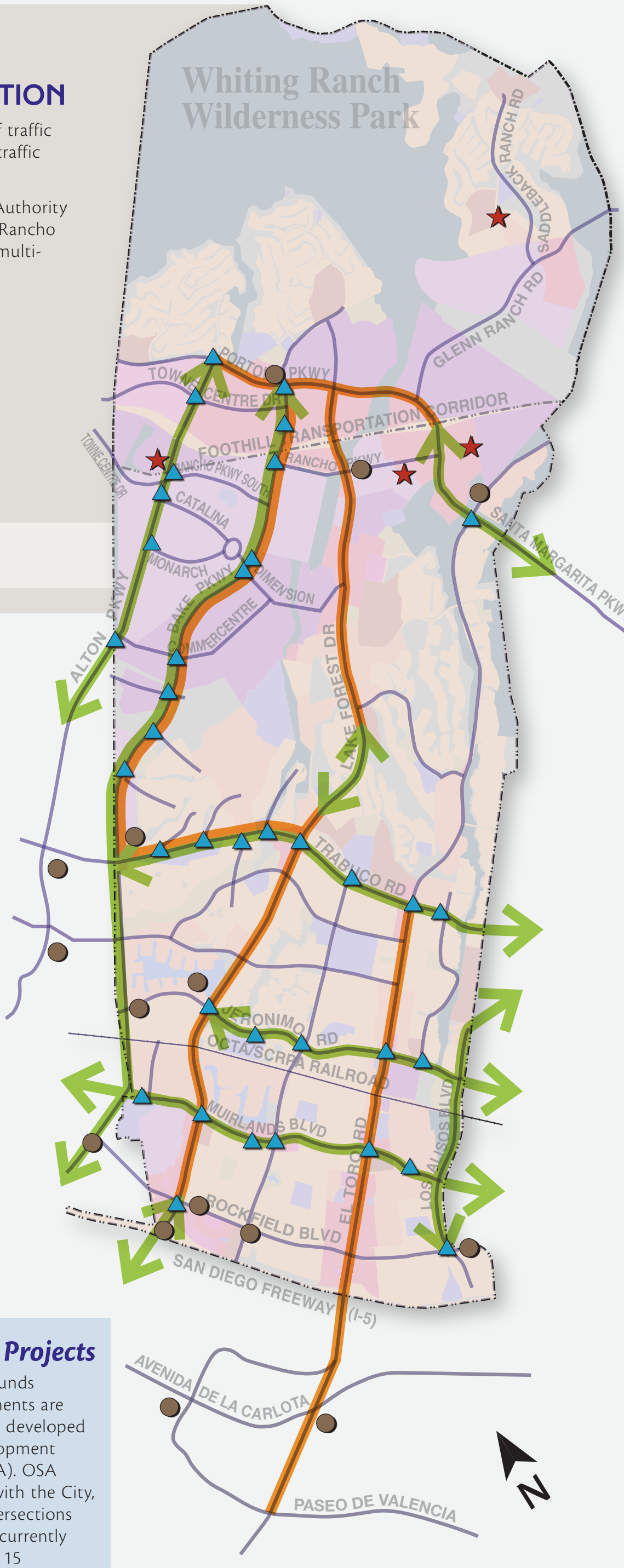
▲ Traffic Signal Synchronization

Traffic Signal Synchronization is a method of timing groups of traffic signals along an arterial to provide for smooth movement of traffic with minimal stops.

The City is working with the Orange County Transportation Authority as well as the cities of Irvine, Mission Viejo, Laguna Hills, and Rancho Santa Margarita on eight (8) synchronization projects across multi-jurisdictional boundaries. The projects will promote traffic circulation throughout the region.

Lake Forest Drive (4 intersections)
Los Alisos Boulevard (1 intersection)
Santa Margarita Parkway (1 intersection)
Bake Parkway (9 intersections)
Trabuco Road (8 intersections)
Jeronimo Road (5 intersections)
Barranca Parkway/Muirlands Boulevard (6 intersections)
Alton Parkway (6 intersections)

Completed Synchronized Corridors
Current Synchronized Projects



★ Traffic Signal Modification at Alton Parkway/Towne Centre Drive/Rancho Parkway South

The City closed the gap on Rancho Parkway South and is modifying the traffic signal at Alton Parkway/Towne Centre Drive/Rancho Parkway to improve traffic flow.

★ Rancho Parkway Traffic Signal and Sports Park Access Road

A new four-way signalized intersection on Rancho Parkway will provide access to the Lake Forest Sports Park.

★ Saddleback Ranch Road Traffic Calming Enhancements

From Glenn Ranch Road to Ridgeline Road, the City will construct raised median islands, restripe street lanes, and implement parkway improvements to calm traffic.

★ Portola Parkway Widening Project

The City plans to widen Portola Parkway and add a third southbound lane on Portola Parkway between State Route 241 and Rancho Parkway.

● Upcoming Intersection Improvement Projects

The Lake Forest Transportation Mitigation program (LFTM) funds transportation improvements throughout the City. Improvements are identified by the Lake Forest Traffic Analysis Model (LFTAM), developed by the City to better understand the traffic impacts of development projects associated with the Opportunities Studies Area (OSA). OSA developers are required, through Development Agreements with the City, to fund the LFTM program to improve the roadways and intersections directly impacted by their development. The LFTM program currently includes approximately $9 million worth of improvements to 15 intersections over the next several years as various development projects progress.

Map not to scale.