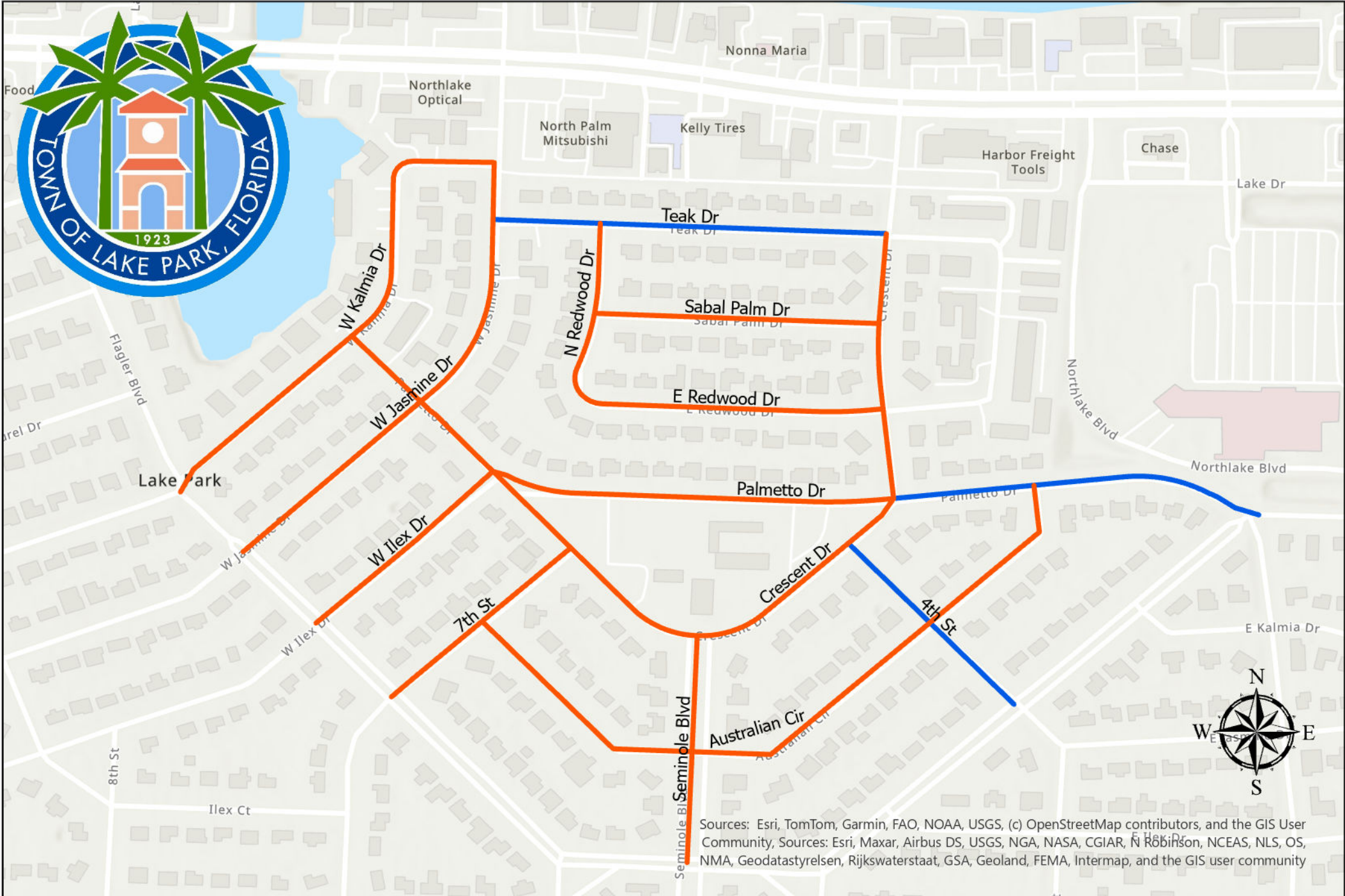


FY2025 TOWN OF LAKE PARK PAVEMENT PRESERVATION PROGRAM



Legend

Pavement Strategy

- Cape
- Micro

Cape Seal:

A pavement preservation treatment that combines a chip seal followed by a slurry seal or microsurfacing. It enhances surface durability, improves skid resistance, and seals minor cracks, extending pavement life.

Microsurfacing:

A cold-applied, quick-setting mixture of polymer-modified asphalt emulsion, fine aggregate, and additives. It restores surface texture, improves ride quality, and seals the pavement to prevent further deterioration.

Important note: Preservation treatments were selected through a rigorous, data-driven assessment of each roadway's condition.

Rationale for Implementing Cape Seal and Microsurfacing Strategies

The Town of Lake Park is dedicated to ensuring the highest possible overall quality of our roadway network. In order to achieve this goal without compromising available fiscal resources, it is essential that our pavement management approach maximizes return on investment. To that end, we are strategically deploying Cape Seal and Microsurfacing treatments as part of a targeted pavement preservation program.

These surface treatments were selected based on industry best practices that prioritize extending the service life of the pavement through timely, cost-effective interventions. It is well-documented that pavement in fair to good condition yields the highest benefit from preventative treatments. Investing approximately \$1 in proactive maintenance today can prevent the need for \$7 to \$9 in major rehabilitation or reconstruction costs (according to the Federal Highway Administration).

By focusing on these treatments, the Town of Lake Park aims to:

- Slow the rate of pavement deterioration
- Restore surface characteristics such as skid resistance and smoothness
- Prevent costly structural failures
- Extend the surface life of our assets
- Optimize the overall condition of the pavement network within existing budget constraints

This preservation-first strategy allows the Town to manage long-term maintenance costs, improve pavement network performance, and deliver visible improvement to our constituents in a fiscally responsible manner.