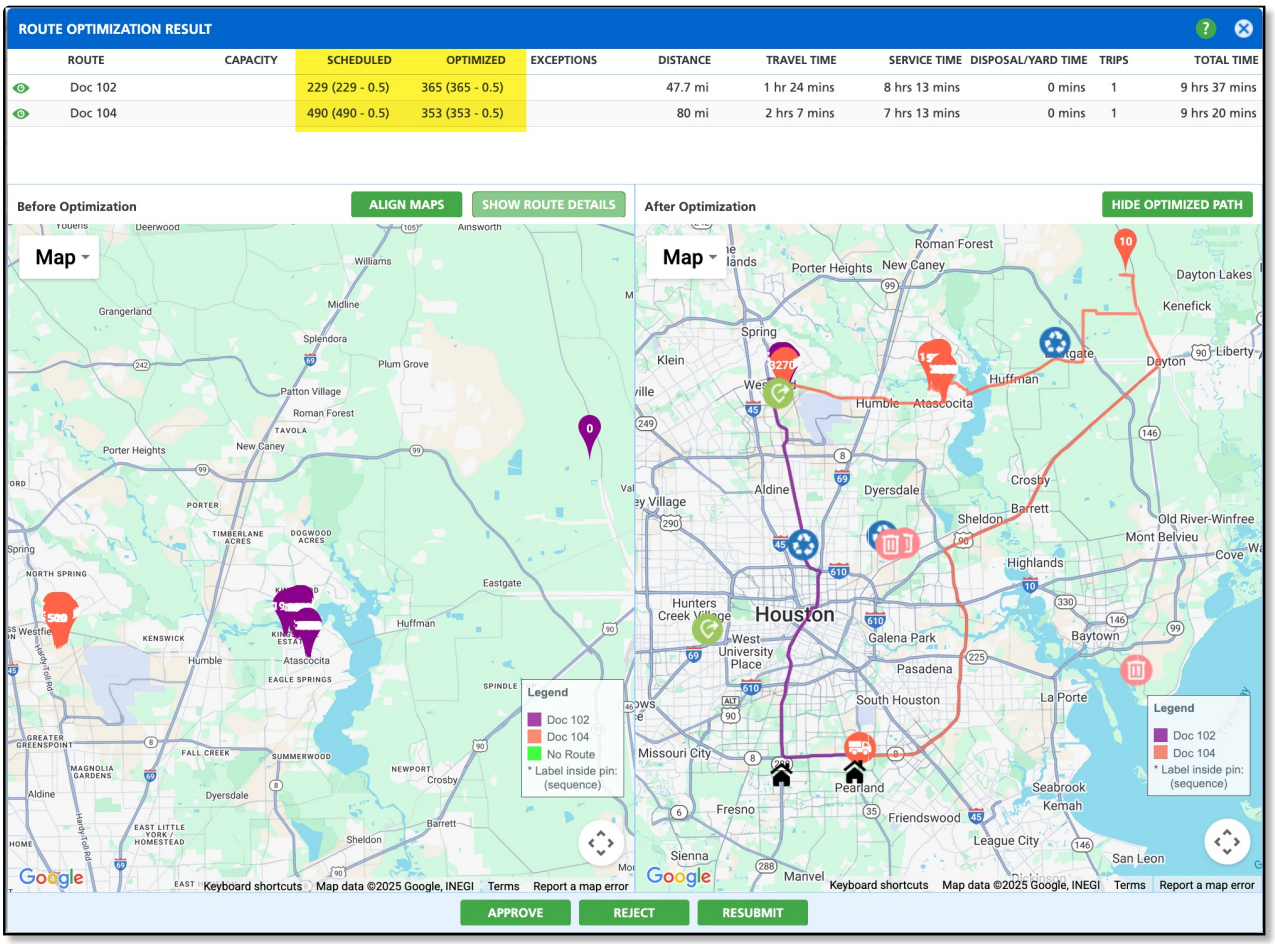
Improve Operations with Route Optimization

Last Modified on 09/09/2026 8:07 am PDT

The **Route Optimization** feature is available throughout Navusoft's routing tools in Dispatch, Route Management, and NavuNav (Android available in version 6.6). When enabled and properly configured, Route Optimization automatically balances stops across routes, sequences stops within a route, and inserts unsequenced stops using advanced algorithms that consider factors such as distance, service time, and business hours. This streamlines route planning, reduces drive time, and enhances overall operational efficiency.

Route Optimization is a licensed feature powered by RouteSmart, a third-party system. While RouteSmart provides the optimization engine, all setup and configuration are handled within Navusoft.



This example uses data from a test database. Actual results may vary based on your system's data and configuration.

Route Sequencing Comparison Chart

The following table compares the sequencing methods available in Navusoft, summarizing the benefits and key differences between each option.

Method	How It Works	Key Advantages	Considerations
 **Route Optimization** AUTOMATED	Automatically determines the most efficient stop sequence using location data, time windows, and other routing parameters.	✓ Maximizes route efficiency ✓ Reduces drive time & fuel costs ✓ Balances workloads across routes ✓ Adapts quickly to route or customer changes	! Requires initial configuration setup and licensing
 **Manual Sequencing** MANUAL	Stops are arranged manually by dispatchers or managers based on their experience, local knowledge, or customer needs.	✓ Allows for personal judgement & local knowledge ✓ Flexible to unique situations ✓ **No additional setup required**	! Time-consuming & prone to human error ! Difficult to maintain as customer base grows ! Limited visibility into true route efficiency
 **Driver-Completed Order** MANUAL	The sequence is determined by the order in which the driver completes stops during a route.	✓ Simple and automatic ✓ Reflects real-world driving behavior ✓ **No additional setup required**	! May not be efficient or repeatabe ! Inconsistent between drivers ! Does not account for optimized travel paths or time windows

Next Steps

For questions, demo requests, setup, or licensing related to this add-on feature, please contact Navusoft Support.