

Automatic Routing & Sequencing

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In the **Pending** screen of Route Management, users can review pending stops and assign them the **Suggested** route the system has determined. For lines of business with **Automatic Routing & Sequencing** enabled, route assignment can be streamlined, by automating the assignment of the **suggested route**, and if applicable, the sequencing of stops. If preferred, manual assignment remains available for all lines of business.



This feature includes route optimization functionality powered by RouteSmart, a third-party system. While RouteSmart provides the optimization engine, all setup and configuration are managed within Navusoft. Additional information about route optimization can be reviewed here [Improve Operations with Route Optimization](#).

Pending	Current	Renumber / Sequencing Stops									
QAWASTE		EN MARKET, QA Service Region 2	Commercial	Monday, Tuesday, Wedi	LOAD		114 records				
SITE	ADDRESS	QTY	SERVICE CODE	FREQUENCY	START DATE	ROUTE	SEQUENCE	WEEK OF MONTH	POST		
48994001 Panda Express	1717 Walnut Grove ... Rosemead, CA 9177...	1	2 Yard Recyc... 2 Yard FL	1x per week H	Thu 11/09/23		0				
49032001 San Marino Cafe & ...	2507 Mission St San Marino, CA 911...	1	2 Yard Trash... 2 Yard FL MSW	1x per week M	Mon 01/29/24	SUGGESTED LA 104			POST		
49033001 Encanto Restaurant	2121 Hillhurst Ave Los Angeles, CA 900...	1	2 Yard Trash... 2 Yard FL MSW	1x per week M	Mon 01/29/24	OTHERS 71LA	0				
49035002 Clone Test Site 2	612 E 11th St Los Angeles, CA 90015	1	3 Yard Recyc... 3 Yard FL	1x per week M	Mon 01/29/24	DOC COM 101 DOC RES 102			POST		
49033001	2121 Hillhurst Ave	1	2 Yard Trash...	1x per week		LA 101 LA 102 LA 103 LA 105	0				
						LA405			POST		

Setup: Line of Business

Pathway: Setup > Services > Line of Business

Enabling suggested route assignment automation is configured at the line-of-business level. Two options are available: **Assign Suggested Route Only** and **Assign Suggested Route & Sequence**.

LINE OF BUSINESS SETUP

UPDATE LINE OF BUSINESS

LOB ID: FEL
NAME: Commercial
ACTIVE: Yes

Settings | Mobile | Optimization | Self-Service Ordering | Productivity and Profitability

SCREEN TYPE	1	ENABLE USED OIL COLLECTION	Yes
GL SEGMENT	D100	ENABLE PROACTIVE ROUTE STATUS DRIVER CHECK	No
TEMPORARY SERVICE GL SEGMENT		ENABLE MANIFEST PROCESSING	No
UNEARNED REVENUE GL ACCOUNT	Unearned Revenue	ENABLE MANIFEST GROUP WEIGHT ROUNDING	No
WORK ORDER MINIMUM CHARGE CODE		ENABLE ACTIVE DISPATCH	No
OVER MAX WEIGHT CHARGE CODE		ENABLE CHARGE CODE WASTE CODES	No
RENTAL CHARGE CODE		ENABLE WORK TYPE DEFAULT CHARGE CODES	Yes
RECURRING MINIMUM CHARGE CODE	Front Load Repair	ENABLE BIC REPORTING	No
LIMIT CHARGE CODE TO MATCHING EQUIPMENT	No	ENABLE LABOR TRACKING	No
LIMIT CHARGE CODE TO MATCHING MATERIAL	No	AUTOMATIC ROUTING & SEQUENCING	Suggested Route & Sequence
INVOICE SUMMARY DESCRIPTION	Testing Inv Sum Desc	ROUTE CUTOFF TIME	Disabled
PRODUCTIVITY UNIT NAME			Assign Suggested Route Only
			Assign Suggested Route & Sequence

Assign Suggested Route Only

When selected, this option automatically assigns the suggested route, normally chosen manually from the [Pending tab](#), to the stop. When enabled, assigned stops will have a sequence of "0" on their route and will appear in the Unsequenced Stops column within the [Renumber / Sequence Stops](#) tab of Route Management.

Assign Suggested Route & Sequence

This option utilizes RouteSmart, a licensed third-party system, to automatically assign the suggested route and sequence stops in the most optimized order. A RouteSmart license is required to enable this feature. For more information, refer to the [Route Optimization](#) documentation.

Screens: How Automation Affects Workflow

Pathway: [Operations](#) > [Route Management](#) > [Pending](#); [Renumber / Sequencing Stops](#) [tabs]

When Automatic Routing and Sequencing is enabled, workflows on the **Pending** and **Renumber / Sequencing Stops** screens are affected. In both screens, if there is no suggested route available, a route will not be assigned to the stop.

Pending Screen

When either option is enabled, adding an active service to a site will automatically assign it to a suggested route, if one is available. Suggested routes are determined by factors such as service day, frequency, and nearby scheduled stops. Because of this automatic suggested route assignment, the site will not display on the **Pending** screen. However, if no suggested route is available for the site, no assignment occurs, and the site will remain on the **Pending** screen until a route is manually assigned.

Renumber / Sequencing Stops Screen

Review the following implications to the [Renumber / Sequencing Stops](#) screen if either options is enabled.

Assign Suggested Route Only

When this option is enabled, the suggested route is assigned to the stop with a sequence value of 0. In the **Renumber / Sequencing Stops** screen, the stop is included in the **Unsequenced Stops** count. As the driver completes the stops, each service can be inserted and sequenced on the route in the order it was completed.

Pending Current Renumber / Sequencing Stops							
DIVISION QAWASTE		DAY OF WEEK Wednesday		Effective 11/12/25			
ROUTE ↑	STOPS	CONTAINER QUANTITY	VIEW MAP		UNSEQUENCED STOPS		SEQUENCE OPTIMIZATION
DOC RES 102	19	19		Renumber	10	No unsequenced stops have been completed yet	Optimize Sequence
LA 102	1	1		Renumber	1	No unsequenced stops have been completed yet	View Optimization Results
LA 103	7	10		Renumber	7	Insert 4 unsequenced stops using most recent completion order	Optimize Sequence
LA405	5	5		Renumber	5	No unsequenced stops have been completed yet	Optimize Sequence
RES101	1	1		Renumber	1	Insert 1 unsequenced stops using most recent completion order	Optimize Sequence
RES102	1	1		Renumber	1	No unsequenced stops have been completed yet	Optimize Sequence

Assign Suggested Route & Sequence

When this option is enabled, the stop is automatically assigned to the suggested route and, if RouteSmart licensing and configurations are enabled in the system, it is sequenced in the most optimized position on the route. No additional action is required for the stop.

Related Articles

[Improve Operations with Route Optimization](#)

[Pending \(Tab\)-Route Management](#)

[Current \(Tab\)-Route Management](#)

[Renumber / Sequencing Stops](#)