

MileMaker®

How to Create a Route in MileMaker

20 Steps

Created by

John Barrett

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March 29, 2023

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March 29, 2023

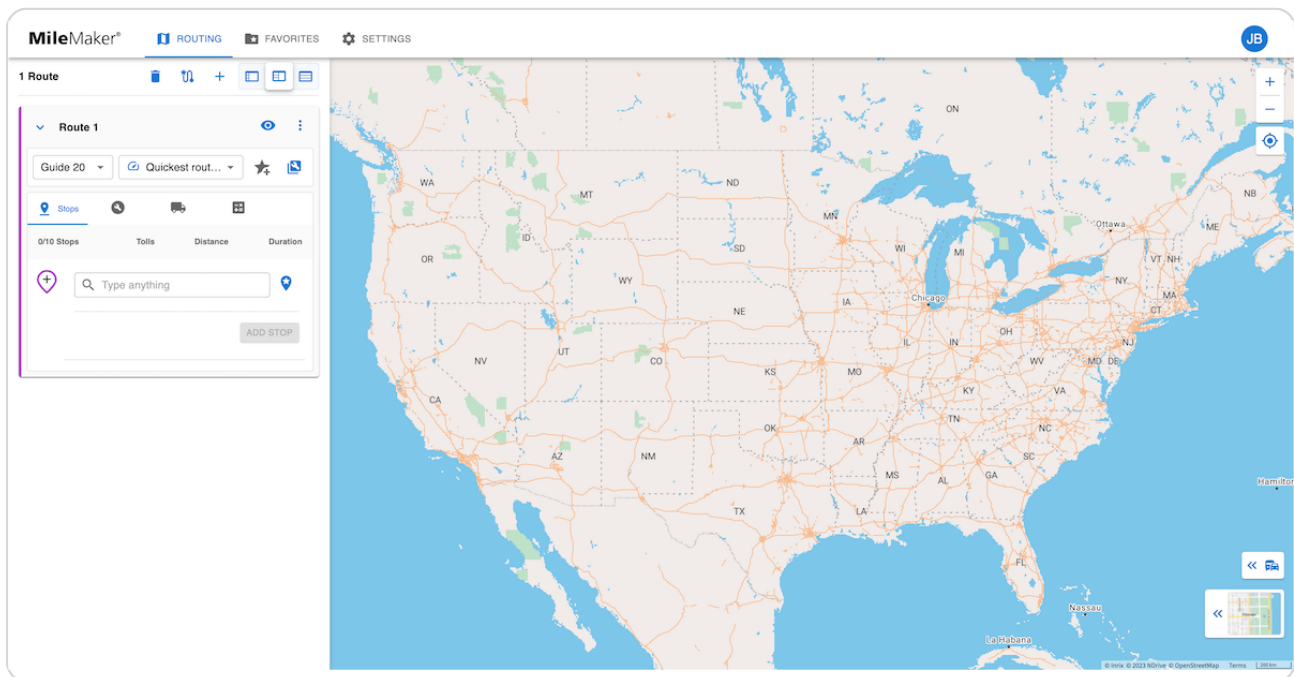
STEP 1

[Go to app.milemaker.com](https://app.milemaker.com)

Login with your username and password to get started

STEP 2

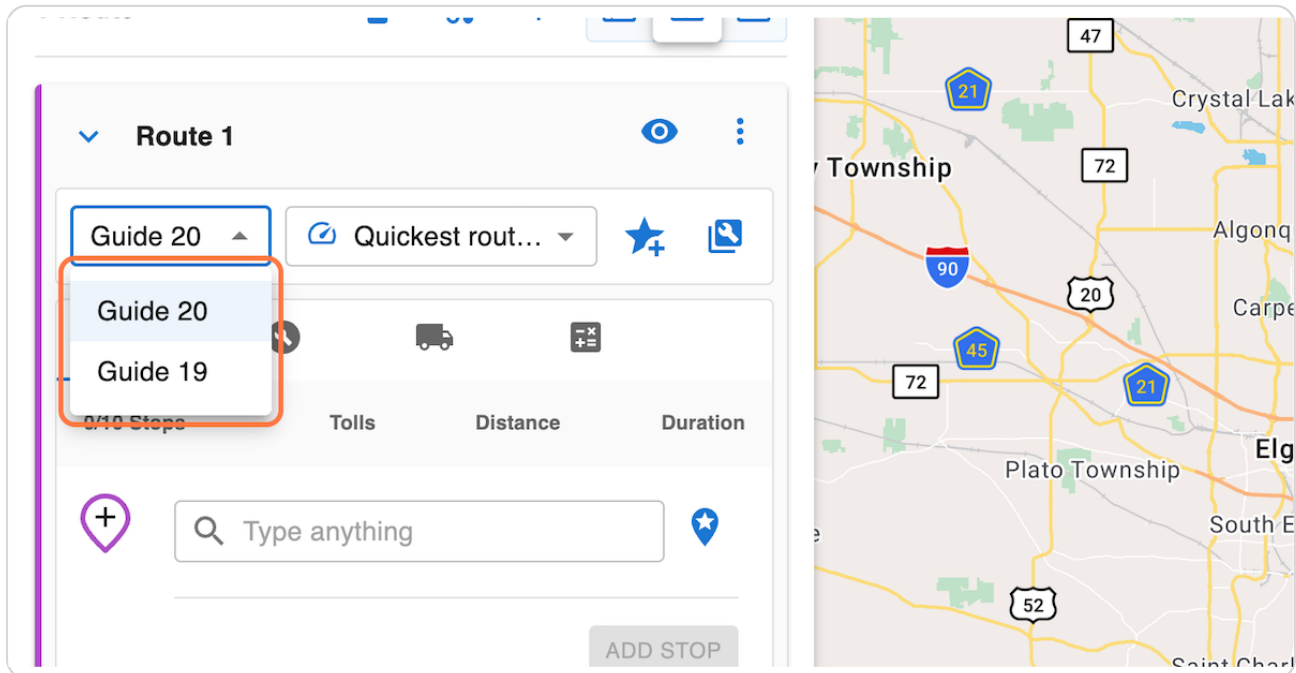
After logging in, you will be taken to the 'ROUTING' tab within MileMaker.



STEP 3

On the left side panel, click the Guide Dropdown to select between Guide 19 and Guide 20.

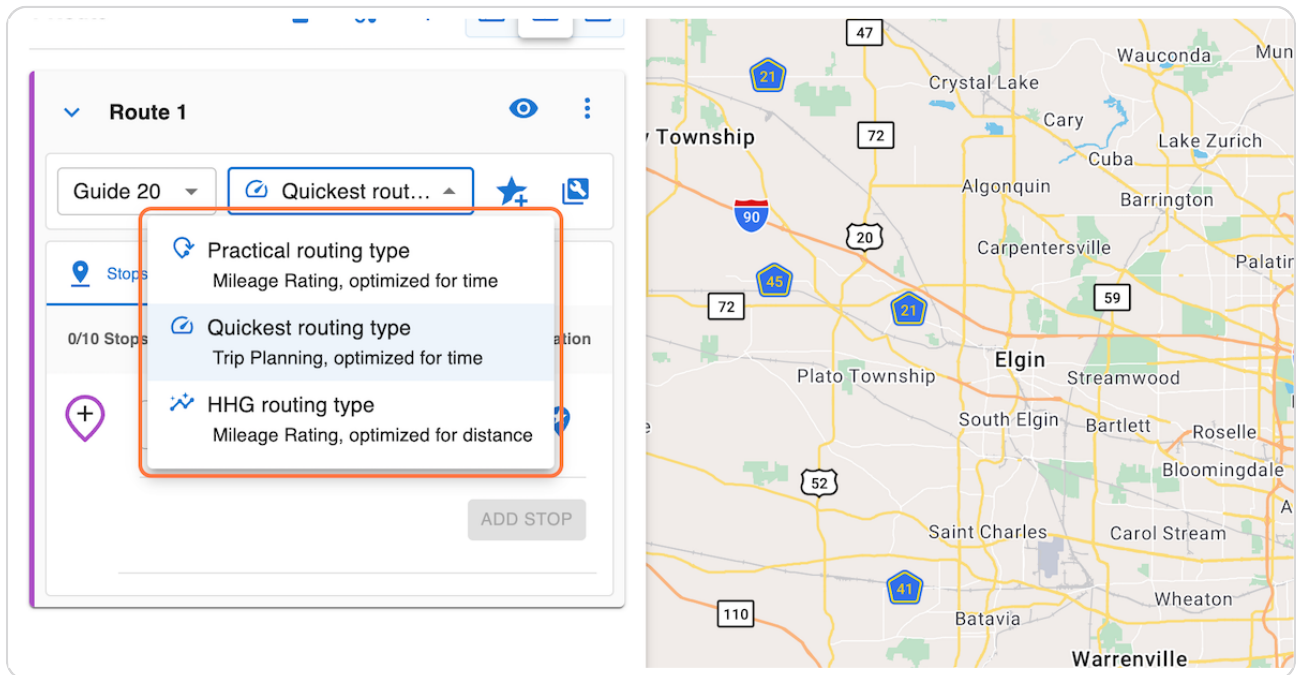
Guide 19 was originally released in 2008, and is still used for rating purposes by some customers. Guide 20 is the latest routing guide, released in 2023, and is based upon the most updated road network. We recommend using Guide 20 for the most accurate mileage.



STEP 4

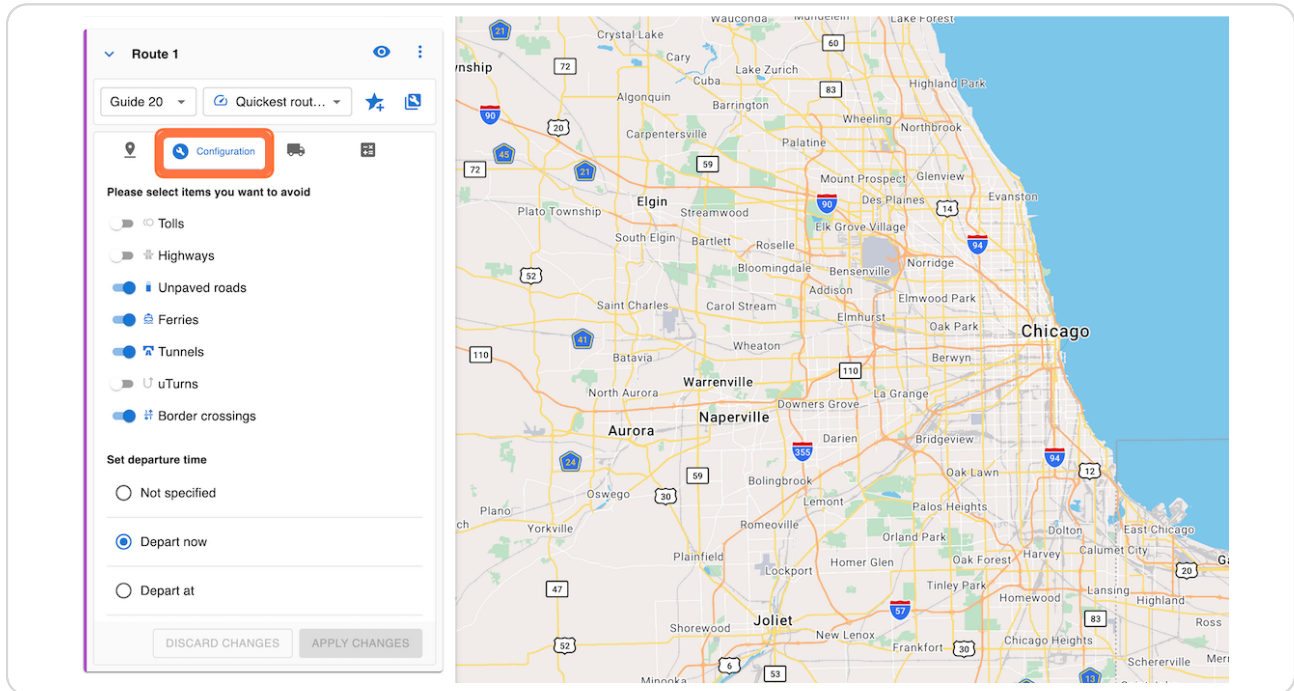
Click on the Routing Type dropdown to select between Practical, Quickest, and Household Goods (HHG) routing types.

- **Practical routing type** - calculates the most time-efficient route between locations. Practical routes are not calculated with HHG Tariff Mileages. Practical routes are also best suited for freight rating and auditing.
- **Quickest routing type** - calculates the fastest route between locations using live data such as real-time traffic conditions. Quickest routes are best suited for truck routing and dispatching.
- **HHG routing type** - calculates the shortest distance between locations over truck-usable roads. All MileMaker HHG Mileage routes give you HHG Tariff Mileages, which are used as a standard for freight rating and auditing.



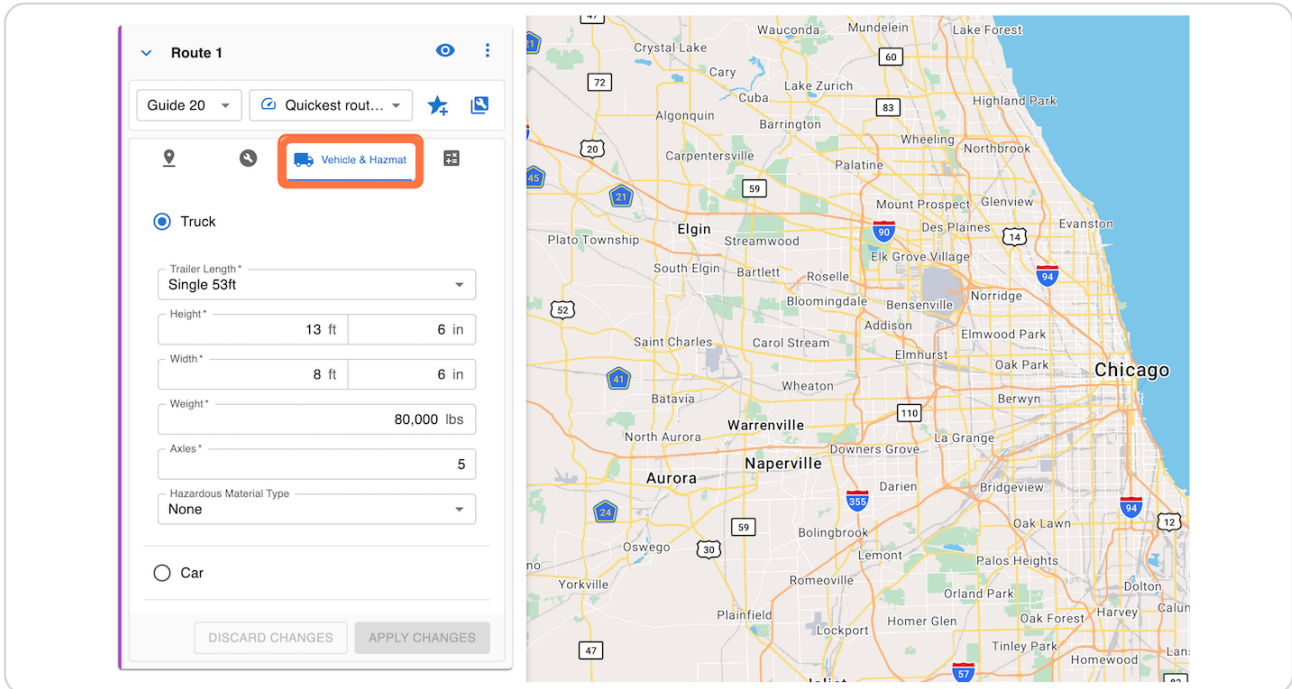
STEP 5

Click the 'Configuration' tab to specify parameters you'd like to avoid, and the time to depart.



STEP 6

Click on the 'Vehicle & Hazmat' tab to specify Trailer Dimensions, Weight, Axles, and Hazmat categories.



STEP 7

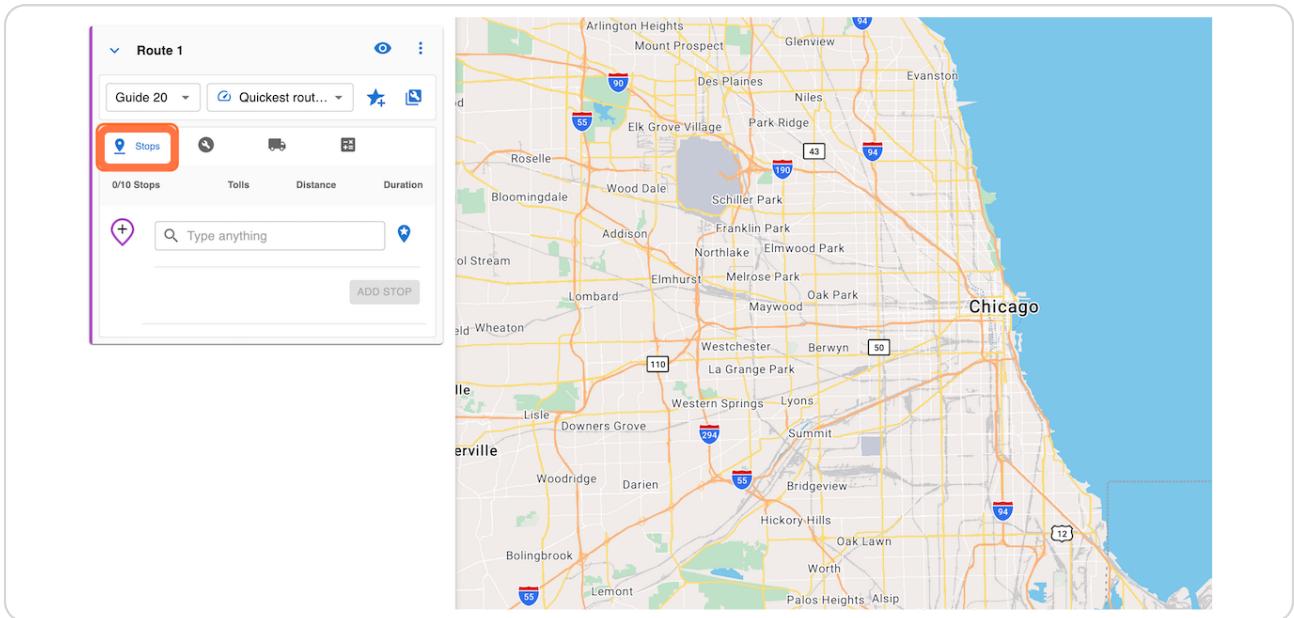
Click on the 'Costs' tab to specify Fuel price, Fuel economy, Maintenance cost, and Labor costs.

MileMaker will use these values to calculate estimated costs for the route

The screenshot displays the MileMaker interface for 'Route 1'. On the left, a sidebar contains a 'Costs' tab, which is highlighted with a red box. Below this tab, there are input fields for 'Fuel Parameters' and 'Other Costs'. The 'Fuel Parameters' section includes 'Fuel price' (4.16 USD/gallon) and 'Fuel economy' (6.5 mi/gallon). The 'Other Costs' section includes 'Maintenance cost' (0.57 USD/mi) and 'Labor cost' (45 USD/h). At the bottom of the sidebar are 'DISCARD CHANGES' and 'APPLY CHANGES' buttons. On the right, a map shows the route area, including cities like Janesville, Rockford, Riley Township, Elgin, Aurora, and Jolie, with various highways (69, 26, 67, 12, 51, 43, 20, 88, 39) and landmarks.

STEP 8

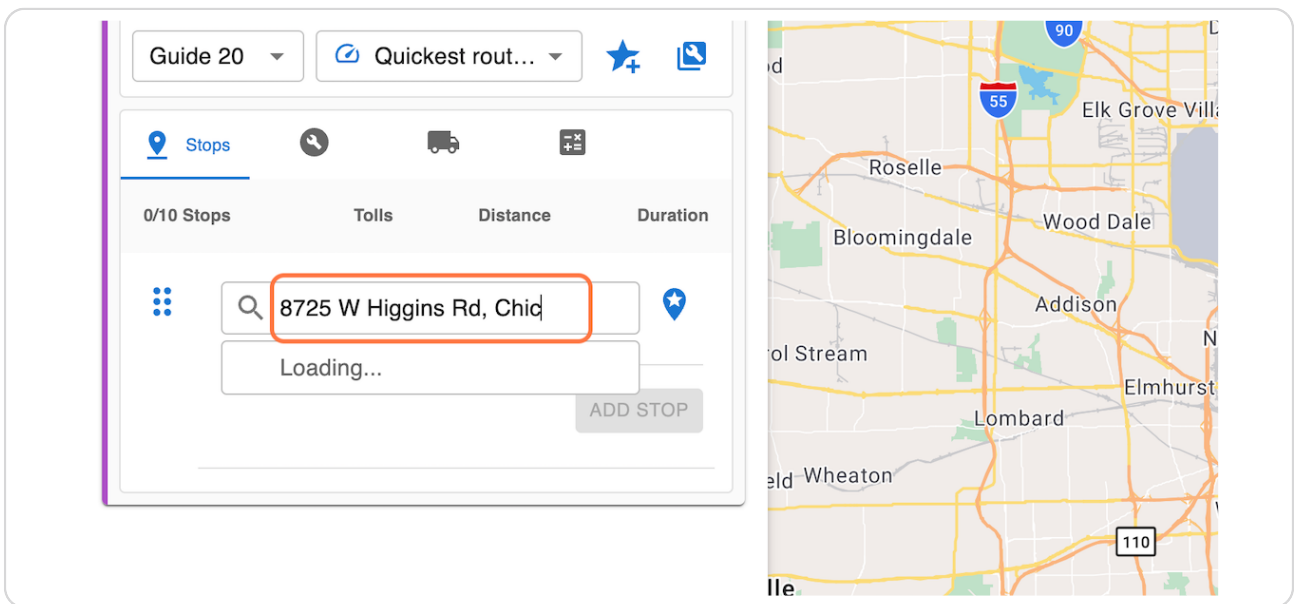
Click on the 'Stops' tab to enter your origin, destination, and up to 8 waypoints in between.



STEP 9

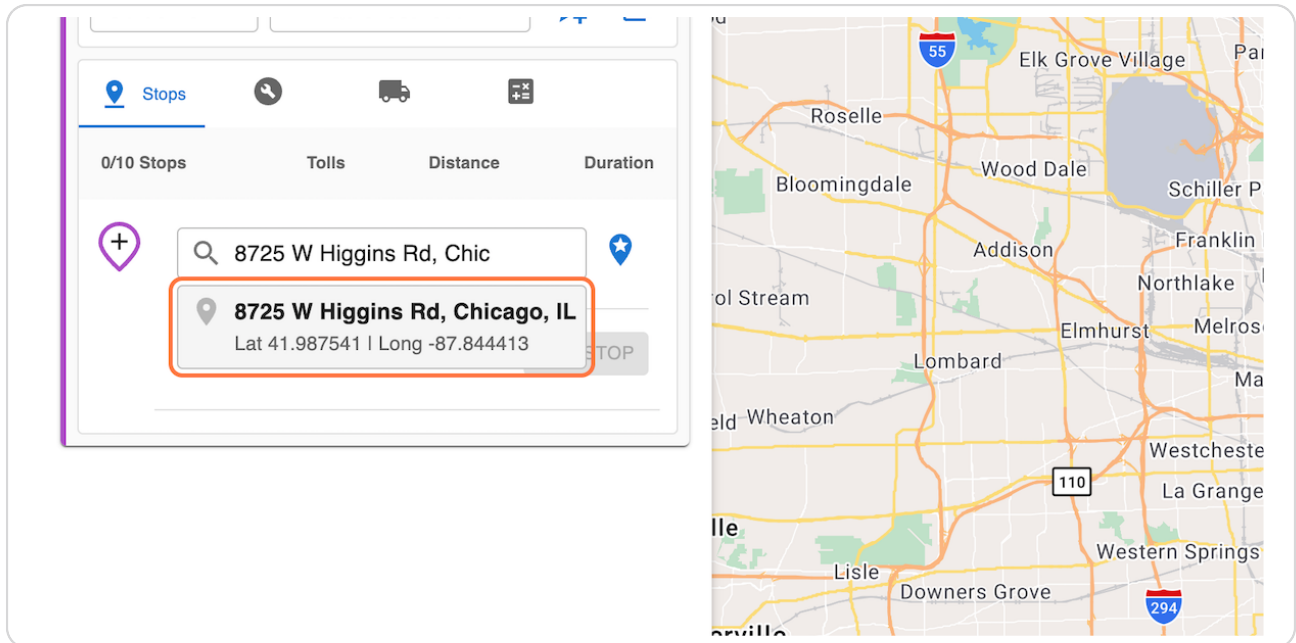
Use the search bar to enter the first stop.

Accepted values include zip codes, cities, addresses, points of interest, geo-coordinates, and SPLC codes.



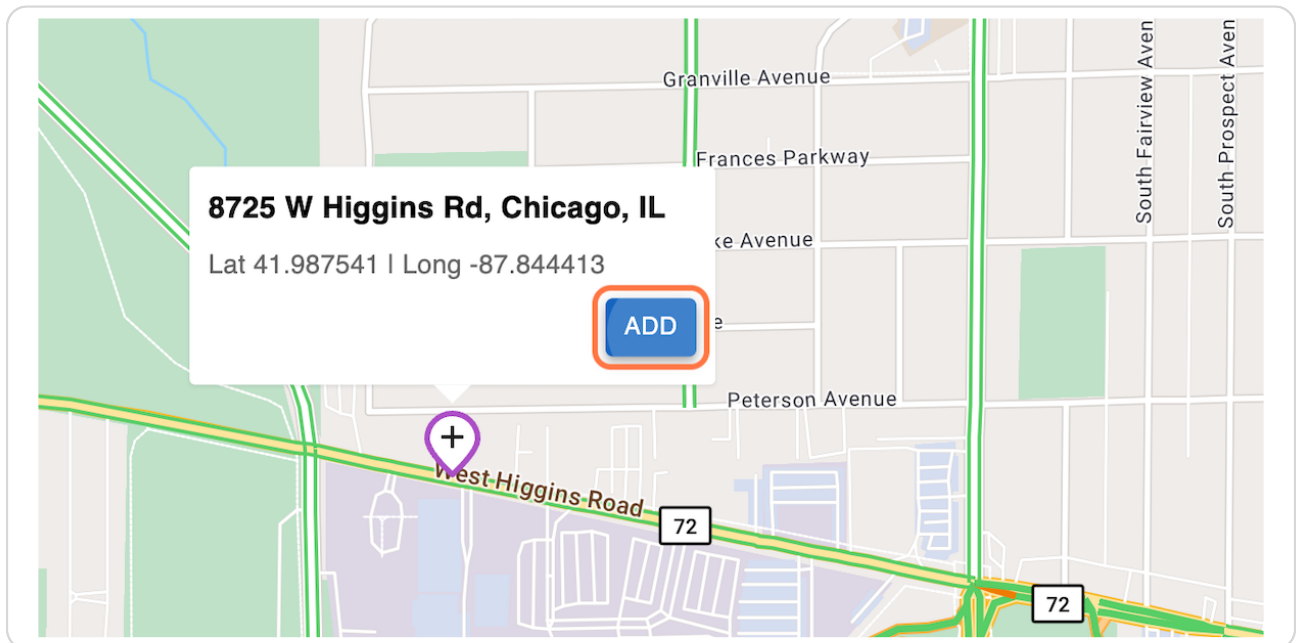
STEP 10

Select the best match from the search results.



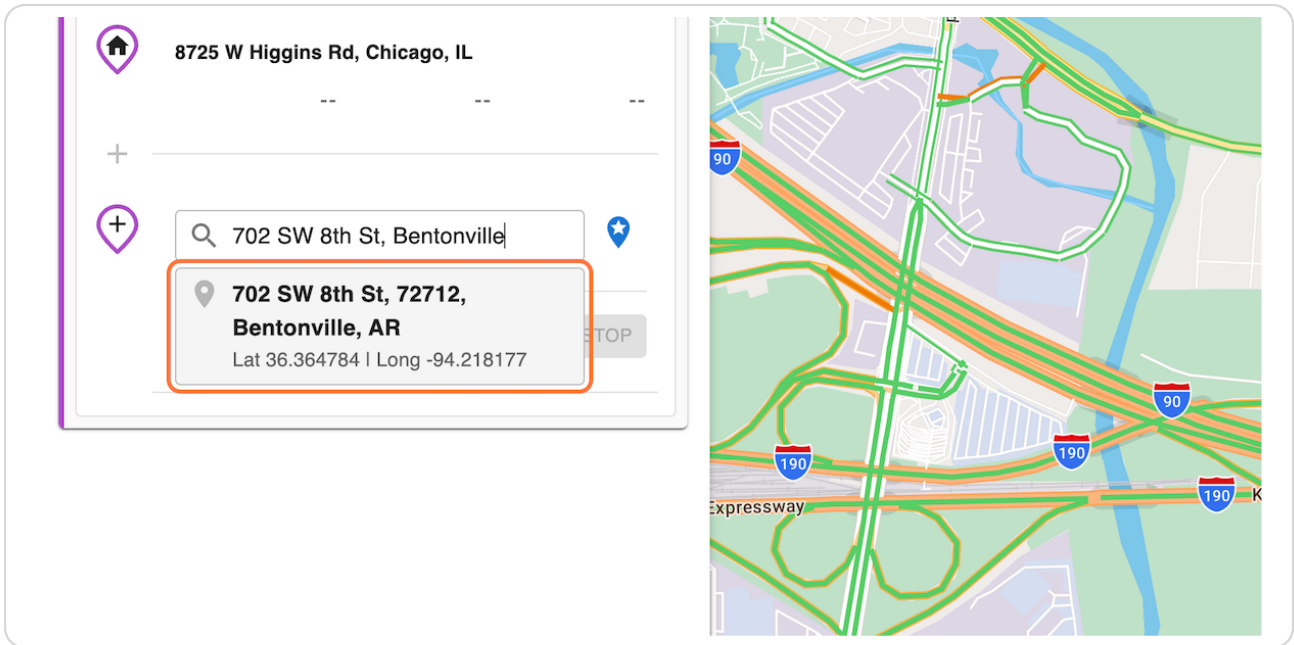
STEP 11

Confirm that the location is correct on the map, and then click 'ADD' to add the stop to your route.



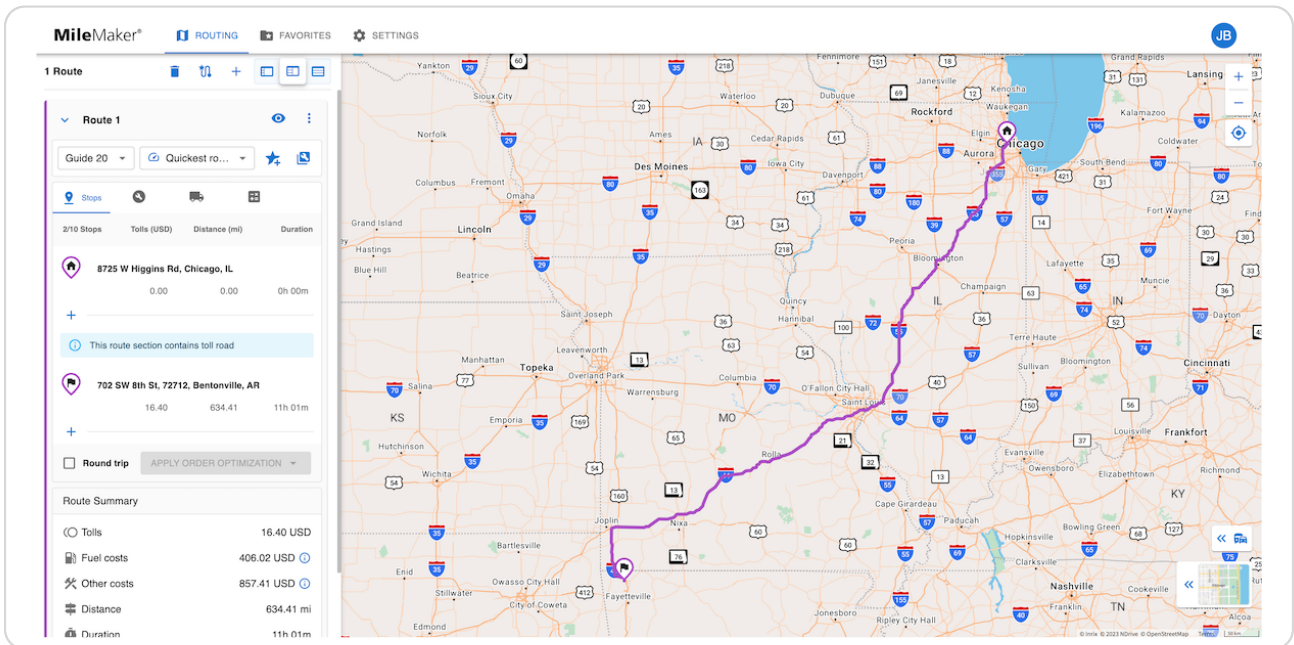
STEP 12

Repeat the previous 3 steps to add additional stops



STEP 13

Once you have added 2 or more stops, a route will automatically be calculated based on your selected route settings.



STEP 14

On the bottom left of the route panel, you will see a summary of key information for this route.

The summary includes Toll costs, Fuel costs, Other costs (maintenance & labor), Distance, and Duration.

702 SW 8th St, 72712, Bentonville, AR

16.40 634.41 11h 01m

Round trip APPLY ORDER OPTIMIZATION

Route Summary

Tolls	16.40 USD
Fuel costs	406.02 USD ⓘ
Other costs	857.41 USD ⓘ
Distance	634.41 mi
Duration	11h 01m

[GENERATE REPORT](#)

The map shows a route starting in Bentonville, AR, passing through Joplin, MO, and ending in Fayetteville, AR. Major highways like I-35, I-49, and US-54 are visible.

STEP 15

Click on **GENERATE REPORT**

Route Summary

Tolls	16.40 USD
Fuel costs	406.02 USD ⓘ
Other costs	857.41 USD ⓘ
Distance	634.41 mi
Duration	11h 01m

[GENERATE REPORT](#)

The map shows a zoomed-in view of the route through Kansas, highlighting cities like Hutchinson, Wichita, and Emporia.

STEP 16

The Route Report will open in a new tab, providing more detail for this route.

MileMaker ROUTING FAVORITES SETTINGS JB

Route 1
8725 W Higgins Rd, Chicago, IL → 702 SW 8th St, 72712, Bentonville, AR
Last planned at 3:15 PM, March 29th, 2023

State Breakdown Report

State	Distance (mi)	With Toll (mi)	Non-Toll (mi)	Ferry (mi)	Duration	Toll Costs
AR	17.30	0.00	17.30	0.00	0h 19m	0.00 USD
IL	296.67	15.85	280.82	0.00	4h 36m	16.40 USD
MO	320.44	0.00	320.44	0.00	4h 55m	0.00 USD
USA	634.41	15.85	618.56	0.00	9h 50m	16.40 USD
Total	634.41	15.85	618.56	0.00	9h 50m*	16.40 USD

*Traffic delay is not taken into account

Route Itinerary Report

Maneuver	Maneuver Distance (mi)	Total Distance (mi)	Maneuver Duration	Total Duration
8725 W Higgins Rd, Chicago, IL				
Sharp right onto I-190 W towards I-90-TOLL	0.41	0.41	0h 01m	0h 01m
Bear right onto I-190 W	0.67	1.08	0h 01m	0h 02m
Take exit 1D on the left, onto I-294 S towards Indiana	1.15	2.23	0h 01m	0h 04m
Keep left onto I-294 S	1.36	3.59	0h 01m	0h 05m
Keep left onto I-294 S	7.10	10.69	0h 08m	0h 14m
Keep left onto I-294 S	0.68	11.38	0h 01m	0h 14m
Keep left onto I-294 S	1.05	12.43	0h 01m	0h 16m

Route Summary

Distance	634.41 mi
Duration	11h 01m
Tolls	16.40 USD
Fuel costs	406.02 USD ⓘ
Other costs	857.41 USD ⓘ

Route Settings

Routing type	Quickest
Direction	From: 8725 W Higgins Rd, Chicago, IL To: 702 SW 8th St, 72712, Bentonville, AR
Configuration	Avoid: Unpaved roads, Ferries, Tunnels, Border crossings
Vehicle & Hazmat	Trailer Length: Single 53ft Height: 13'6" Width: 8'6" Weight: 80000 lbs Axles: 5 Hazardous Material Type: --
Departure	3:15 PM, March 29th, 2023 *For origin time zone (UTC+6)
Exchange rate	--
Guide	Guide 20

STEP 17

The Route Summary in the top right shows the same key statistics seen in the route panel on the previous screen.

MileMaker JB

Last planned at 3:15 PM, March 29th, 2023

Distance (mi)	Duration	Toll Costs
0.00	0h 19m	0.00 USD
0.00	4h 36m	16.40 USD
0.00	4h 55m	0.00 USD
0.00	9h 50m	16.40 USD
0.00	9h 50m*	16.40 USD

Route Summary

Distance	634.41 mi
Duration	11h 01m
Tolls	16.40 USD
Fuel costs	406.02 USD ⓘ
Other costs	857.41 USD ⓘ

Route Settings

Routing type	Quickest
Direction	From: 8725 W Higgins Rd, Chicago, IL To: 702 SW 8th St, 72712, Bentonville, AR

STEP 18

The State Breakdown report shows these same key statistics broken down by each country, and each state or province that this route crosses.

MileMaker ROUTING FAVORITES SETTINGS

Route 1
 8725 W Higgins Rd, Chicago, IL → 702 SW 8th St, 72712, Bentonville, AR
 Last planned at 3:15 PM, March 29th, 2023

State Breakdown Report

State	Distance (mi)	With Toll (mi)	Non-Toll (mi)	Ferry (mi)	Duration	Toll Costs
AR	17.30	0.00	17.30	0.00	0h 19m	0.00 USD
IL	296.67	15.85	280.82	0.00	4h 36m	16.40 USD
MO	320.44	0.00	320.44	0.00	4h 55m	0.00 USD
USA	634.41	15.85	618.56	0.00	9h 50m	16.40 USD
Total	634.41	15.85	618.56	0.00	9h 50m*	16.40 USD

*Traffic delay is not taken into account

Route Itinerary Report

Maneuver	Maneuver Distance (mi)	Total Distance (mi)	Maneuver Duration	Total Duration
8725 W Higgins Rd, Chicago, IL				
Sharp right onto I-190 W towards I-90-TOLL	0.41	0.41	0h 01m	0h 01m
Bear right onto I-190 W	0.67	1.08	0h 01m	0h 02m
Take exit 1D on the left, onto I-294 S towards Indiana	1.15	2.23	0h 01m	0h 04m
Keep left onto I-294 S	1.36	3.59	0h 01m	0h 05m
Keep left onto I-294 S	7.10	10.69	0h 08m	0h 14m
Keep left onto I-294 S	0.68	11.38	0h 01m	0h 14m
Keep left onto I-294 S	1.05	12.43	0h 01m	0h 16m

Route Summary

- Distance: 634.41 mi
- Duration: 11h 01m
- Tolls: 16.40 USD
- Fuel costs: 406.02 USD
- Other costs: 657.41 USD

Route Settings

- Routing type: Quickest
- Direction: From: 8725 W Higgins Rd, Chicago, IL
To: 702 SW 8th St, 72712, Bentonville, AR
- Configuration: Avoid: Unpaved roads, Ferries, Tunnels, Border crossings
- Vehicle & Hazmat: Trailer Length: Single 53ft
Height: 13'6"
Width: 8'6"
Weight: 80000 lbs
Axles: 5
Hazardous Material Type: --
- Departure: 3:15 PM, March 29th, 2023 *For origin time zone (UTC+6)
- Exchange rate: --
- Guide: Guide 20

STEP 19

The Route Settings section shows the settings and configurations used to calculate this route.

	9h 50m*	16.40 USD
i)	Maneuver Duration	Total Duration
.1	0h 01m	0h 01m
.8	0h 01m	0h 02m
.3	0h 01m	0h 04m
.9	0h 01m	0h 05m
.9	0h 08m	0h 14m
.8	0h 01m	0h 14m
.3	0h 01m	0h 16m

Route Settings

- Routing type: Quickest
- Direction: From: 8725 W Higgins Rd, Chicago, IL
To: 702 SW 8th St, 72712, Bentonville, AR
- Configuration: Avoid: Unpaved roads, Ferries, Tunnels, Border crossings
- Vehicle & Hazmat: Trailer Length: Single 53ft
Height: 13'6"
Width: 8'6"
Weight: 80000 lbs
Axles: 5
Hazardous Material Type: --
- Departure: 3:15 PM, March 29th, 2023 *For origin time zone (UTC+6)
- Exchange rate: --
- Guide: Guide 20

STEP 20

The Route Itinerary report provides full turn-by-turn directions for each leg of the route.

Note: Turn-by-Turn directions are only available in Guide 20.

Route Itinerary Report				
Maneuver	Maneuver Distance (mi)	Total Distance (mi)	Maneuver Duration	Total Duration
8725 W Higgins Rd, Chicago, IL				
Sharp right onto I-190 W towards I-90-TOLL	0.41	0.41	0h 01m	0h 01m
Bear right onto I-190 W	0.67	1.08	0h 01m	0h 02m
Take exit 1D on the left, onto I-294 S towards Indiana	1.15	2.23	0h 01m	0h 04m
Keep left onto I-294 S	1.36	3.59	0h 01m	0h 05m
Keep left onto I-294 S	7.10	10.69	0h 08m	0h 14m
Keep left onto I-294 S	0.68	11.38	0h 01m	0h 14m
Keep left onto I-294 S	1.05	12.43	0h 01m	0h 16m
Exit right, onto I-55 S towards Stevenson Expy	6.03	18.46	0h 06m	0h 23m
Keep right onto I-55 S towards Stevenson Expy	0.65	19.11	0h 01m	0h 24m
Keep left onto I-55 S	7.04	26.16	0h 08m	0h 32m
Keep right onto I-55 S towards St Louis	112.99	139.15	1h 43m	2h 15m
Keep left onto I-55 S towards St Louis	64.88	204.03	0h 56m	3h 12m
Keep left onto I-55 S towards St Louis	89.47	293.50	1h 19m	4h 31m
Keep left onto I-55 S towards I-55	1.67	295.17	0h 02m	4h 34m
Take exit 40B on the right, onto I-44 S towards Tulsa	1.71	296.88	0h 02m	4h 36m
Bear left onto I-44 S toward Tulsa	0.12	297.00	0h 01m	4h 36m
Take exit 207/290 on the right, onto I-44 W towards Gravois Ave	1.18	298.18	0h 01m	4h 38m
Keep left onto I-44 W towards Highway Dr N	13.20	311.39	0h 14m	4h 52m
Exit right, onto I-49 S towards Neosho	264.97	576.36	4h 01m	8h 54m
Keep left onto I-49 S	0.30	576.66	0h 01m	8h 54m

Direction	From: 8725 W Higgins Rd, Chicago, IL To: 702 SW 8th St, 72712, Bentonville, AR
Configuration	Avoid: Unpaved roads, Ferries, Tunnels, Border crossings
Vehicle & Hazmat	Trailer Length: Single 53ft Height: 13'6" Width: 8'6" Weight: 80000 lbs Axles: 5 Hazardous Material Type: --
Departure	3:15 PM, March 29th, 2023 *For origin time zone (UTC+6)
Exchange rate	--
Guide	Guide 20

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