

# The Impact of COVID-19 on Professional Drivers

*How Commercial Map Intelligence Can Help*



Presented by Dan Popkin

**Map intelligence** designed to solve the unique needs of commercial fleets, shippers and delivery logistics service providers

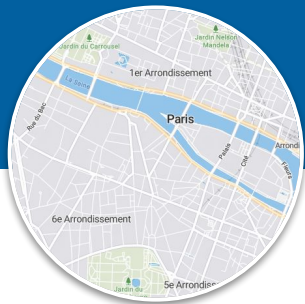


**Global Offices:**  
USA, UK, France, Germany, India

# The Trimble MAPS Platform

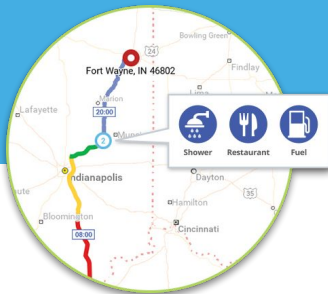
## Mapping APIs

- Image tiles or vector tiles
- Overlay custom data
- Weather radar and alerts
- Traffic conditions, cameras, and incidents
- Satellite imagery



## Routing APIs

- Commercial routing options
- Vehicle dimensions, hazmat, commercial restrictions, tolls
- Multi-stop routes and sequencing
- HOS and time windows
- Fleet scheduling & optimization



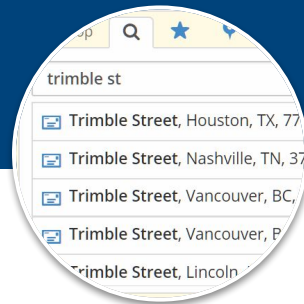
## Navigation APIs

- On-board, commercial vehicle specific data
- Turn-by-turn voice guidance
- Stop sequencing and live traffic
- Route compliance
- Safety warnings and alerts



## Location APIs

- Structured address search
- Single string search
- Reverse geocoding: nearest address
- Batch geocoding



*Rooted in our global commercial vehicle map data and routing engine*



**First and foremost,**

***Thank You!***

**We're inspired by all that you do.**

# The Impact of COVID-19 on the Supply Chain



**Reliable truck stop,  
rest area, and parking  
information**



**Operational impact of  
working remotely**



**Turbulent  
freight flows**

# What Drivers Are Saying

*“It’s near impossible for us to park anywhere else, so we’re pretty much stuck shopping inside the convenience stores inside the truck stop.”*

*“It’s hard for us to get hand sanitizer, stuff for the virus, masks also, hot food out here.”*

*“Everything varies not from just state-to-state, but it varies from town-to-town.”*



# What We're Hearing

**Facilities have suspended inside deliveries as well as any two man deliveries.**

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**Increased dwell times due to different loading/unloading procedures that are put in place to minimize contact.**

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**Repositioning capacity from slower industries (automotive, bulk, retail) to those that are suddenly seeing huge demand (food, medical, and essential supplies).**

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**Restrictions on cash transactions at toll plazas; some states requiring only electronic payments.**





**Leverage our commercial mapping platform  
to support drivers and operational staff  
during the COVID-19 pandemic**



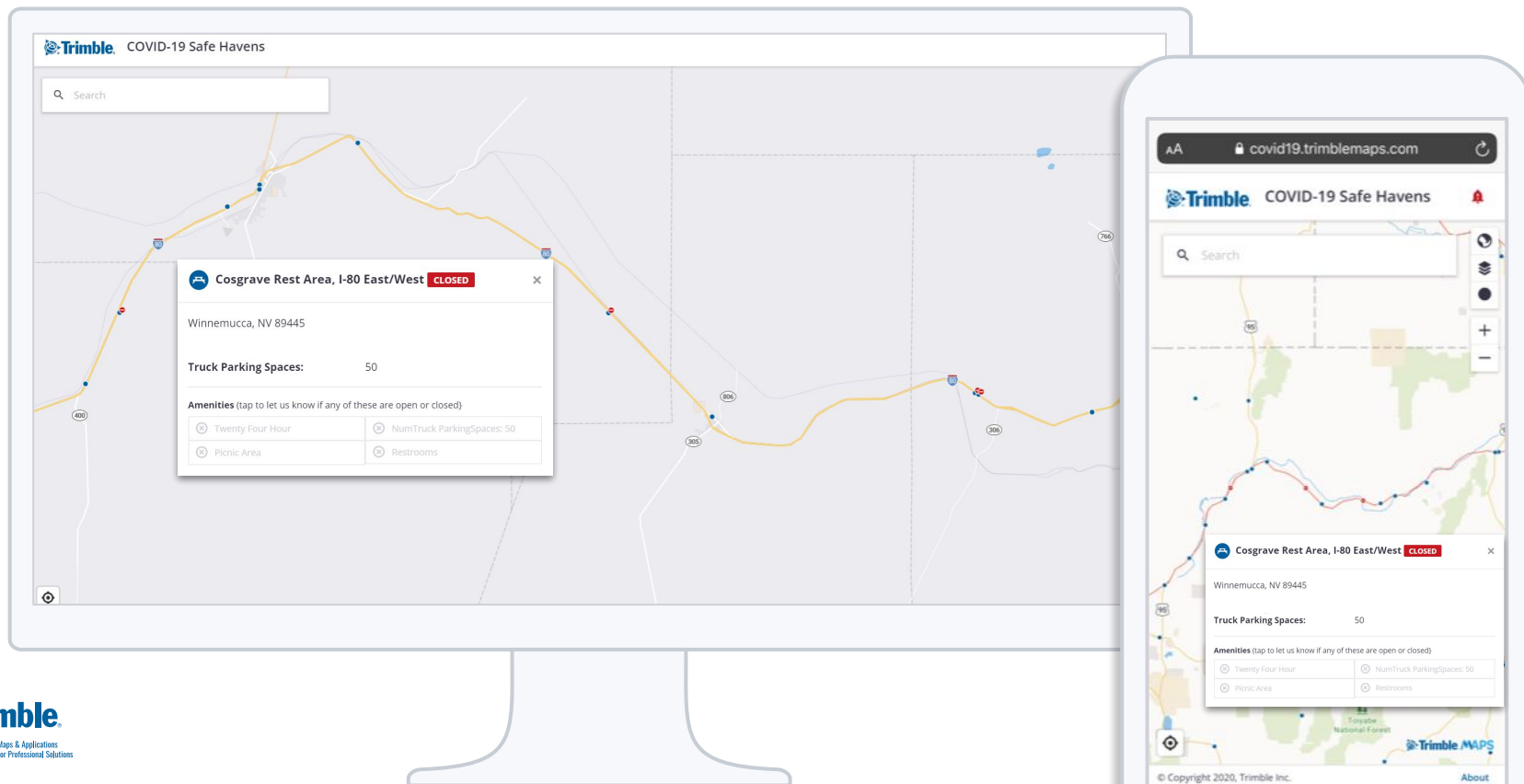


# covid19.trimblemaps.com

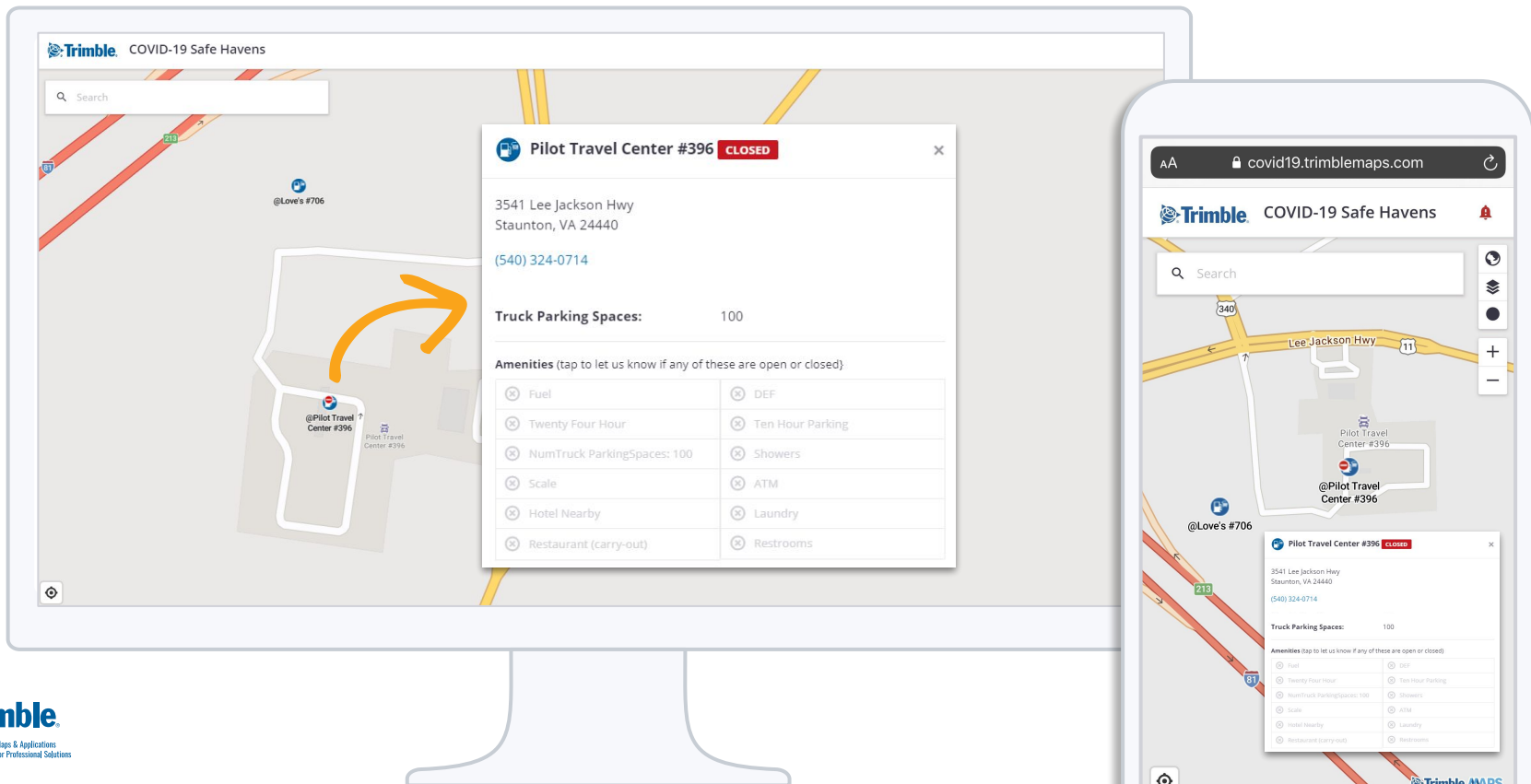
**Free web app to display and collect current truck  
stop status and amenity information**

*Available for anyone to use; no login or email required*

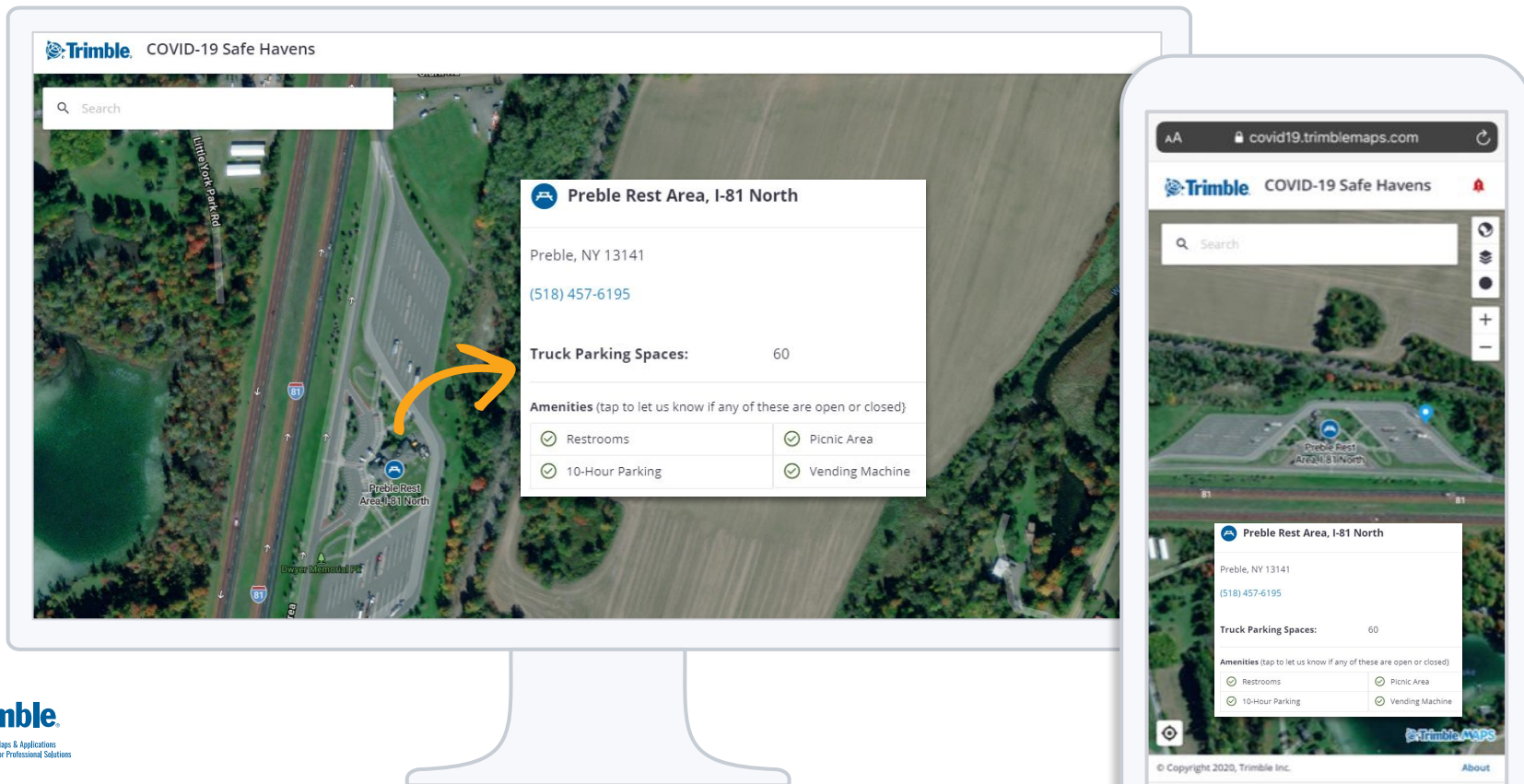
# Visualize Truck Stop & Rest Area Open/Close Status



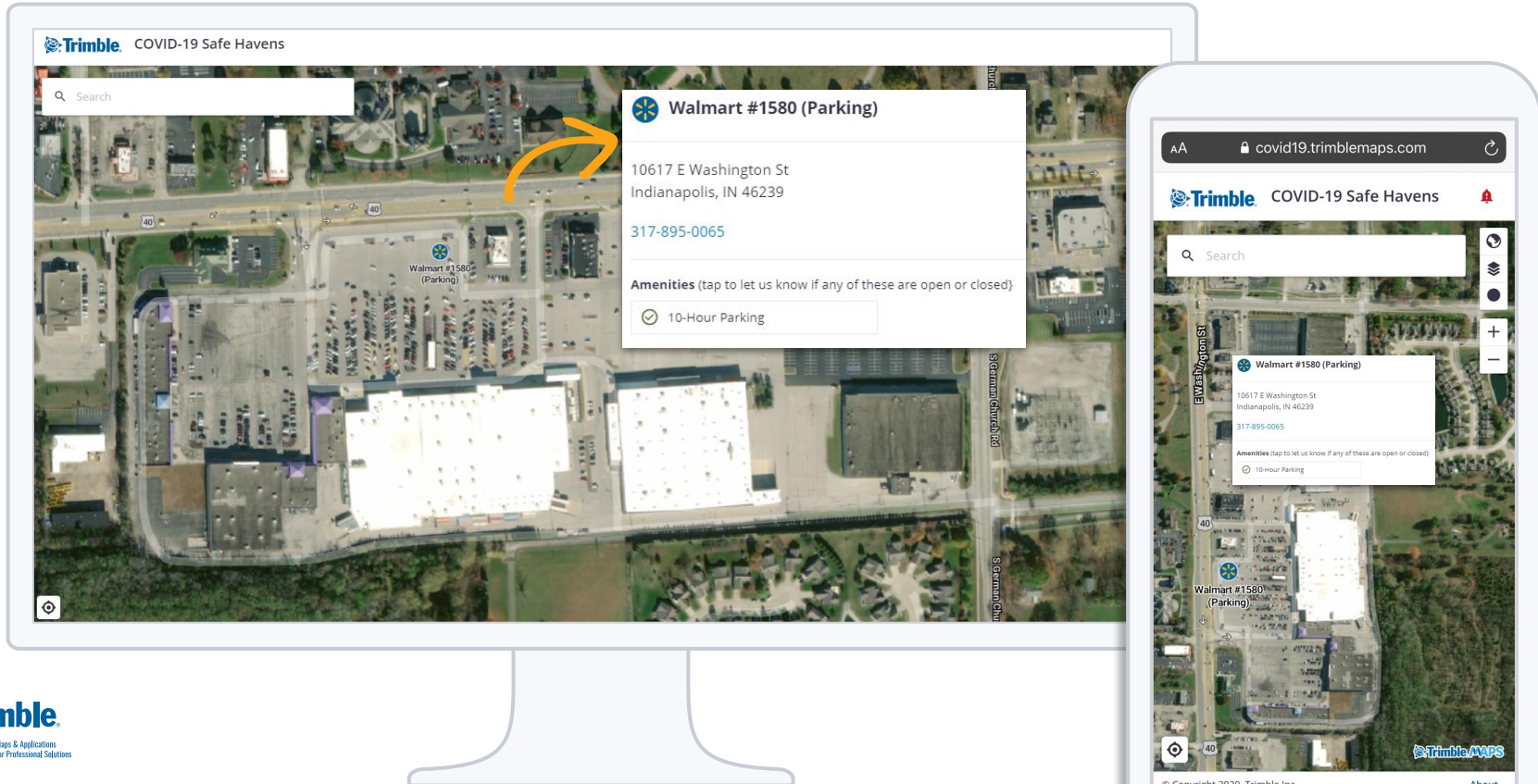
# Review Parking and Amenity Information (where available)



# Query Detailed Satellite Map Views

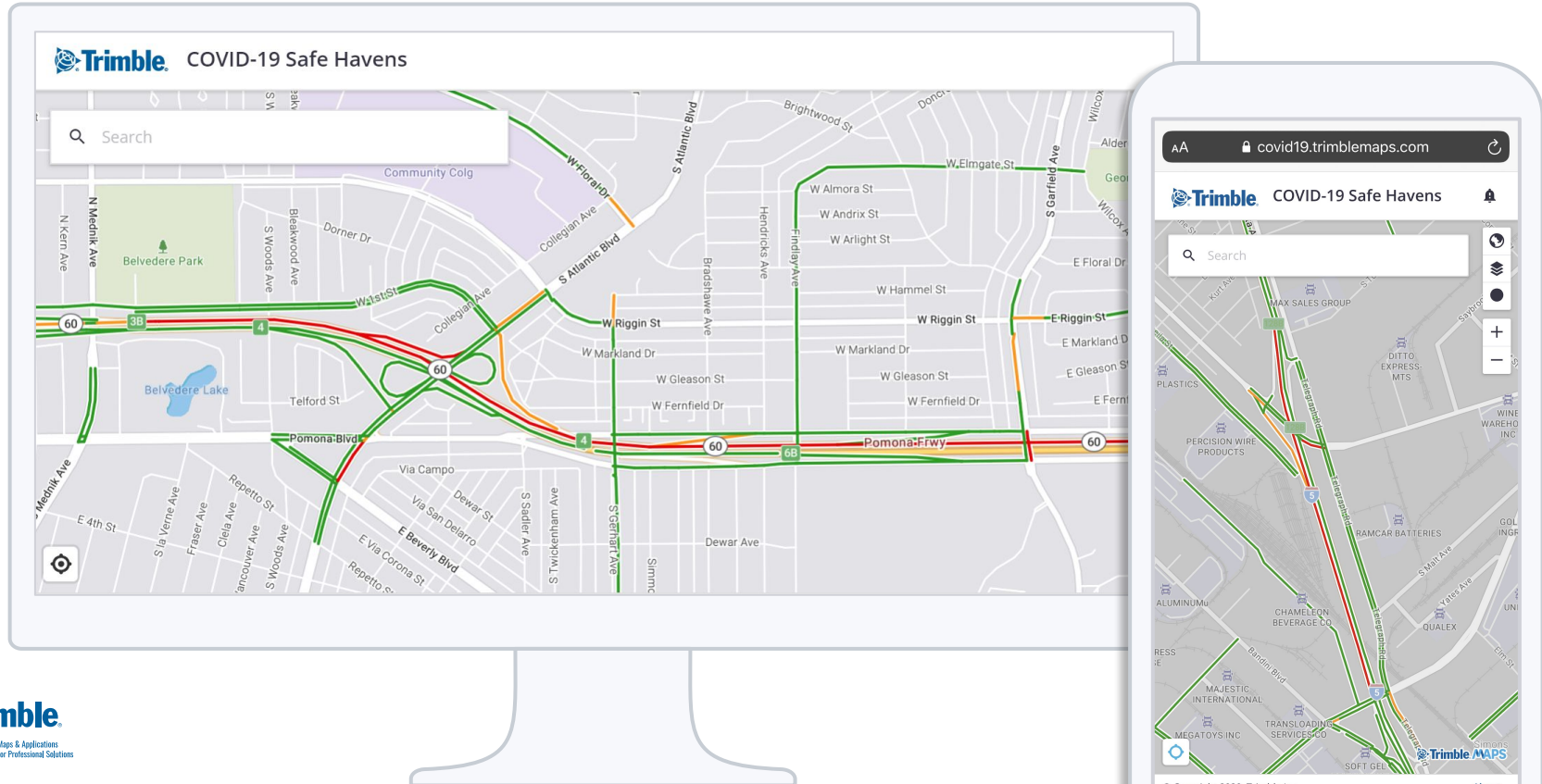


# Find Walmart Parking Locations

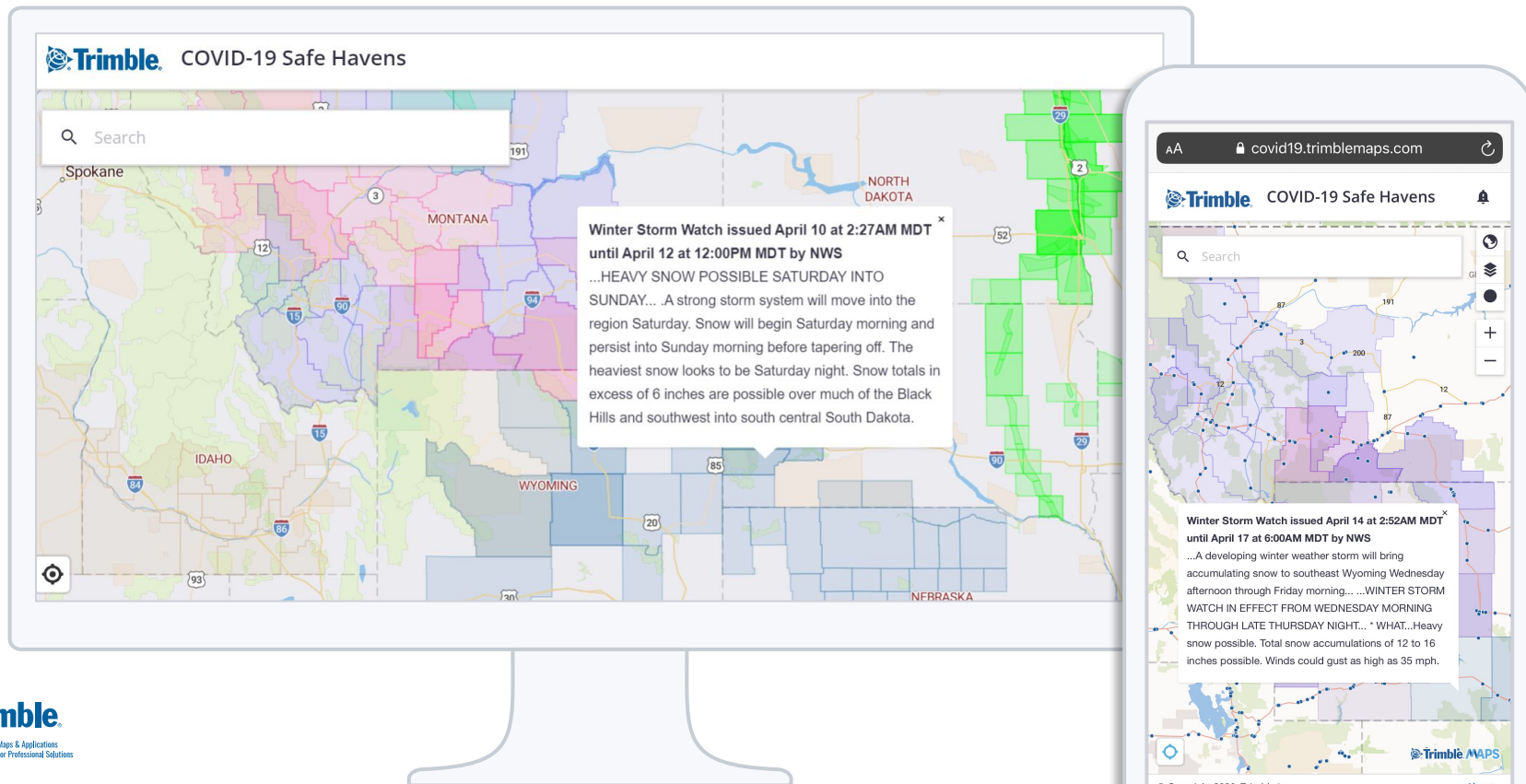




# Understand Real-Time Traffic Conditions



# View Weather Alert Areas



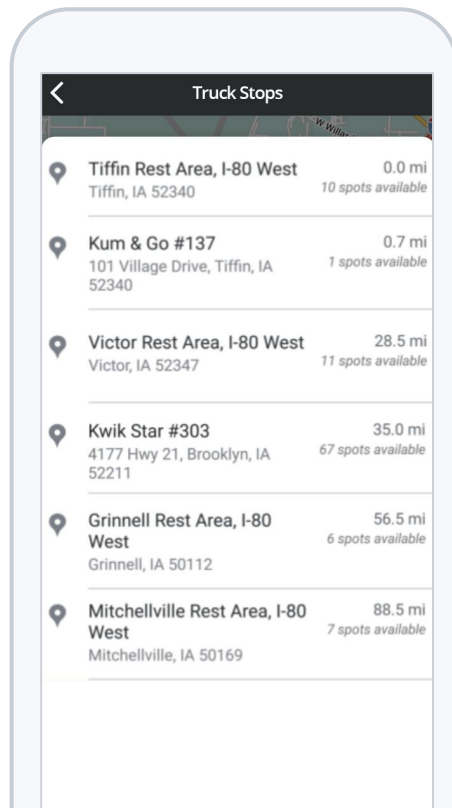
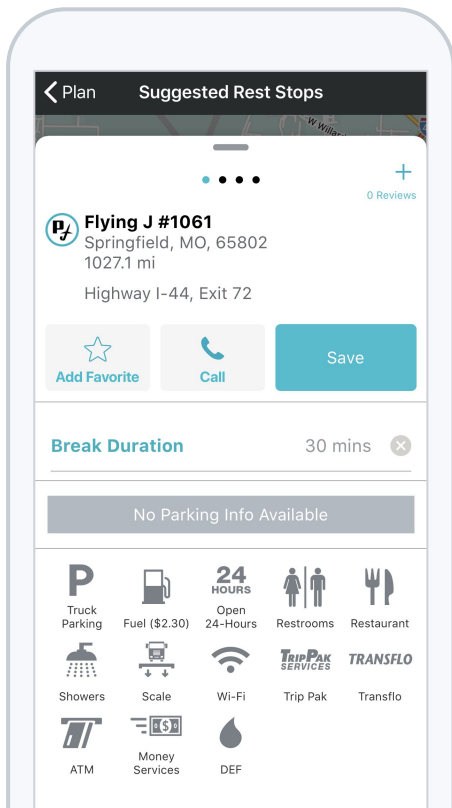
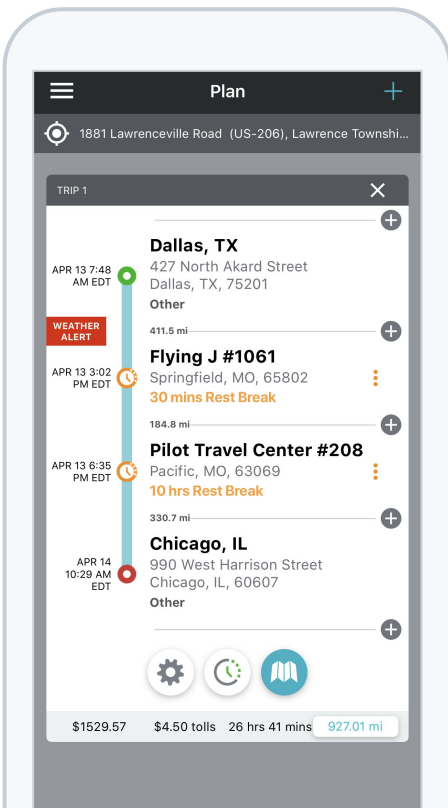


Free driver trip planning that suggests  
open truck and rest stops, where available

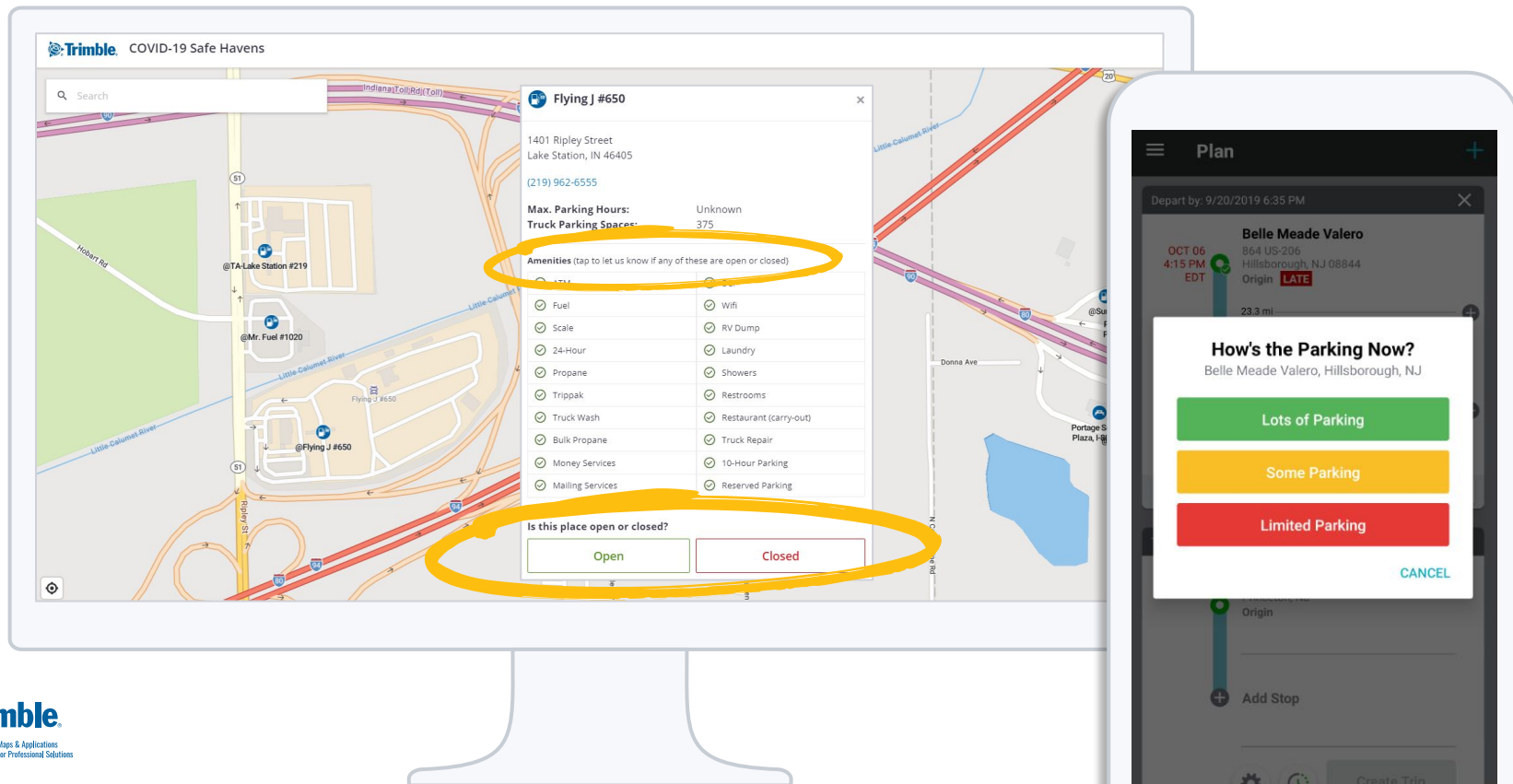
*Use code **BESAFE** in Company ID to access for free during COVID-19*



# Trip Planning with Suggested Breaks at Open Locations



# Please Contribute to Curated Content to Help Drivers!



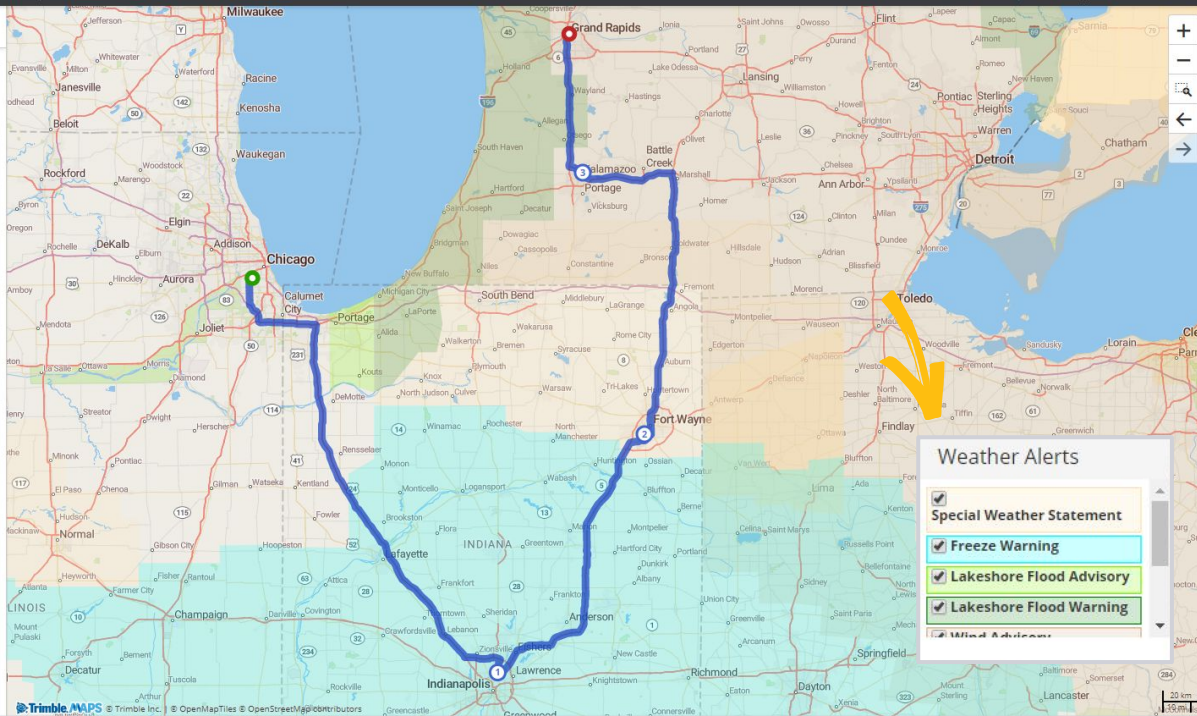


**Free to current PC\*MILER Interactive customers  
during COVID-19 pandemic to support WFH**

*Contact your PC\*MILER account executive*

## Routes

Route 1					
Truck, Elevation Discouraged, Use Local Streets, Ferry Incl., Side of Street: O...					
Practical	Arrival/Departure	Stop Options		Route Options	
		Tolls	Miles	Time	ETA/ETD
Chicago, IL 60629 Cook County		\$0.00	0.0	0:00	Dep 4/14 8:05 AM
1 5622 Crittenden Avenue Indianapolis, IN 46220 Marion County		\$6.80	184.5	3:43	Arr 4/14 12:48 PM
2 5798 Allendale Drive Fort Wayne, IN 46809 Allen County		\$0.00	112.4	2:22	Arr 4/14 3:09 PM
3 900 Walbridge Street Kalamazoo, MI 49007 Kalamazoo County		\$0.00	127.7	2:36	Arr 4/14 5:45 PM
4 17 Barclay Avenue Northeast Grand Rapids, MI 49503 Kent County		\$0.00	50.4	0:53	Arr 4/14 6:38 PM
Add Stop					
Search					
Totals \$688.51 \$6.80 475.0 9:34					
Reports					



Open Saved Route  
 Delete All Routes  
 Default Options  
 Application Settings  
 Map Layers  
 Route Modifiers  
 Map Style  
 CoPilot Vehicles

My Account  
Help  
Chat With Support  
Web Tools

Routes

Route 1  
Truck, Elevation Discouraged, Use Local Streets, Ferry  
Practical Arrival/Departure

+ Chicago, IL 60629 Cook County \$0.00  
+ 5622 Crittenden Avenue Indianapolis, IN 46220 Marion County \$6.80  
+ 5798 Allendale Drive Fort Wayne, IN 46809 Allen County \$0.00  
+ 900 Walbridge Street Kalamazoo, MI 49007 Kalamazoo County \$0.00  
+ 17 Barclay Avenue Northeast Grand Rapids, MI 49503 Kent County \$0.00  
Add Stop Search

Totals \$688.51 \$6.80

Reports

Route 1 Reports
Print Current Report Print All Reports

Chicago, IL 60629 to Grand Rapids, MI 49503 Stops \$688.51  
Weight: 80,000lbs | Height: 13'6" | Length: 48'0" | Width: 96" | Axles: 5  
Truck, Elevation Discouraged, Use Local Streets, Ferry incl., Side of Street: Off, Borders Open, Practical Routing Type, Ferry Dist. incl

Detailed Route Driving Directions State/Country Distances Road Type Distances

Stop	Leg Miles	Total Miles	Leg Cost	Total Cost	Leg Hours	Total Hours	Leg Tolls	Total Tolls	Leg Est. GHG	Total Est. GHG
Chicago, IL 60629, United States	0.0	0.0	\$0.00	\$0.00	0:00	0:00	\$0.00	\$0.00	0.0	0.0
5622 Crittenden Avenue, Indianapolis, IN 46220, United States	184.5	184.5	\$271.67	\$271.67	3:43	3:43	\$6.80	\$6.80	632.0	632.0
5798 Allendale Drive, Fort Wayne, IN 46809, United States	112.4	296.9	\$164.47	\$436.14	2:22	6:05	\$0.00	\$6.80	385.1	1,017.1
900 Walbridge Street, Kalamazoo, MI 49007, United States	127.7	424.6	\$184.22	\$620.36	2:36	8:41	\$0.00	\$6.80	437.6	1,454.7
17 Barclay Avenue Northeast, Grand Rapids, MI 49503, United States	50.4	475.0	\$68.15	\$688.51	0:53	9:34	\$0.00	\$6.80	172.6	1,627.3

State/Country	Total	Toll	Free	Ferry	Loaded	Empty	Tolls
IL	25.3	12.7	12.6	0.0	25.3	0.0	\$6.80
IN	328.3	0.0	328.3	0.0	328.3	0.0	\$0.00
MI	121.4	0.0	121.4	0.0	121.4	0.0	\$0.00
US	475.0	12.7	462.3	0.0	475.0	0.0	\$6.80
TOTAL	475.0	12.7	462.3	0.0	475.0	0.0	\$6.80

Weather Alerts  
☒ Special Weather Statement  
☒ Freeze Warning  
☒ Lakeshore Flood Advisory  
☒ Lakeshore Flood Warning  
☐ Flood Advisory



KUEBIX®  
A TRIMBLE COMPANY

# STIMULUS FREE OFFER

## Kuebix Business Pro TMS 60 Free Days



Access truckload capacity as the pandemic dramatically impacts asset availability



Connect with all your carriers and Kuebix's huge carrier network in ONE spot



Manage logistics remotely with multiple users at multiple locations



Leverage integrated analytics across multiple users for better decisions

[go.kuebix.com/kbxstimulus](https://go.kuebix.com/kbxstimulus)





# How Can You Help?



**Contribute to our curated content!**



**Get the word out to your drivers and operations staff!**



**Provide feedback on what else we should incorporate!**

- Restaurants with walk-up access
- Cashless toll locations
- At-risk facilities, alternative dock locations, restrictive delivery windows, etc.

# Q&A





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Trimble MAPS

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**THANK YOU**



**Global Offices**

USA, UK, France, Germany, India

**Trimble MAPS** is dedicated to transforming journeys through innovative routing and scheduling, visualization and navigation solutions. Rooted by a robust commercial vehicle road network and routing engine, our dynamic, map-centric platform is developed for a broad range of industries, workforces, and fleets of all sizes.