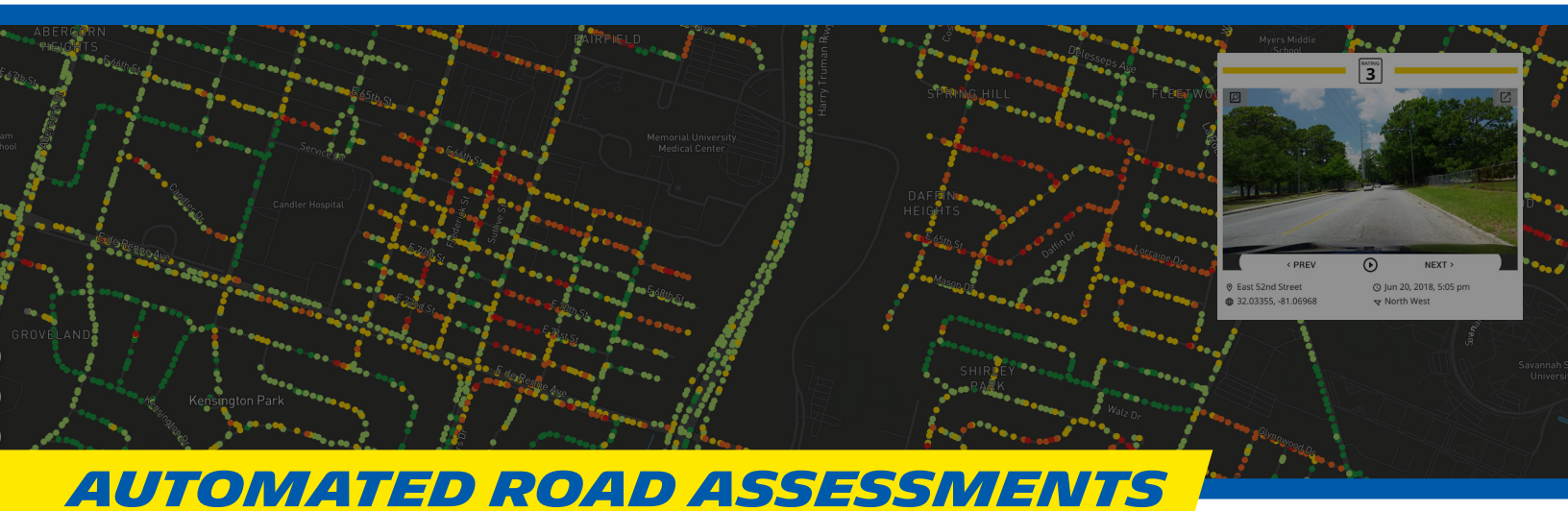


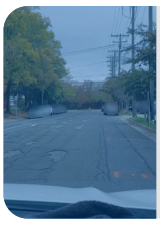
AUTOMATED ROAD ASSESSMENTS WITH MICHELIN BETTER ROADS

Michelin Better Roads automates road assessments using artificial intelligence. We leverage advanced technology to provide accurate pavement condition ratings for every road in your network. After a simple smartphone collection process, our AI delivers objective actionable ratings on an interactive, user-friendly mapping platform.

Compared to other assessment methods, Michelin Better Roads offers several advantages:

AUTOMATED

We automate your assessment process, eliminating the need for labor-intensive manual inspections.



OBJECTIVE

Our AI insures your ratings are free from human error and are uniform across your road network.

COST-EFFICIENT

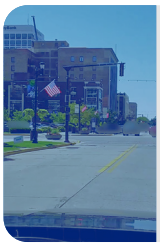
Our simple smartphone collection process and quick turnaround reduce your labor costs and time commitment.

SCALABLE

Road networks of any size are easy to assess with Michelin Better Roads, from small municipalities to large cities.

ACCESSIBLE

Ratings are clearly mapped, easily shared with your team, and can be integrated into your GIS platform.



ACCURATE

Our most recent AI model has scanned over 2 million road images, and each image makes our ratings more accurate.

GET IN TOUCH

mmi-info@michelin.com
mobilityintelligence.michelin.com

MICHELIN

QUESTION: HOW OFTEN DO YOUR CLIENTS CONDUCT PAVEMENT ASSESSMENTS?

Answer: The frequency of our clients' pavement assessments varies and depends on several factors. Budget is a primary consideration, along with the extent of pavement damage due to frequent freeze/thaw cycles or prolonged intense heat.

Many opt for annual assessments because it is cost-effective and provides up-to-date information when preparing yearly pavement management plans. Others choose to assess their road network every other year, or even every three years, because weather-related pavement damage in their area is not as severe.

QUESTION: HOW DOES THE PRICING WORK?

Answer: As an estimate, plan to budget approximately $10,000 for a 100 centerline-mile road network. Our pricing covers two main components. First, the pavement assessment itself, which accounts for 75% of the total cost. The second component is the annual subscription, which accounts for the remaining 25%.

The comprehensive package includes unlimited user access, year-round technical support, secure data storage, imagery retention, and the option to include an embedded website to showcase your pavement assessment.

QUESTION: HOW DOES THE MICHELIN BETTER ROADS SOLUTION COMPARE TO A TRADITIONAL VISUAL PAVEMENT ASSESSMENT?

Answer: Michelin Better Roads offers an automated, data-driven approach to road assessments, utilizing technology like artificial intelligence, machine learning, and mounted smartphone cameras to efficiently and objectively evaluate road conditions.

Our delivery platform visualizes objective ratings for easier decision-making. Compared to traditional manual assessments, Michelin Better Roads is cost-effective, scalable, and reduces human bias, making it a valuable tool for local governments looking to manage and maintain their road networks more effectively.

Additionally, Michelin Better Roads provides a rating for every 10-foot section of your road network, as compared to the visual method that typically takes a sample of a road segment and applies a subjective score to the entire segment.

QUESTION: HOW DOES THE LOCAL GOVERNMENT COLLECT THE DATA?

Answer: Data collection can be conducted by any staff member with a valid driver's license. Michelin Better Roads offers comprehensive training to all designated drivers and provides ongoing support during data collection. Typically, each driver can cover a range of 20 to 30 miles per day or more, taking into consideration factors like traffic, speed limits, and weather conditions.

Data is gathered using an Android smartphone for collecting visual imagery, along with an additional iPhone or Android device for turn-by-turn directions. The city's road network is organized into specific routes by our mapping team. Drivers choose their designated route, drive to the starting point, collect data for that route, and continue until all data is collected.

At the end of each day, the drivers upload the collected data. The Michelin Better Roads team then reviews the data for acceptance, and any areas requiring data recollection due to factors like standing water, a high volume of leaves, or road obstructions are communicated the following day.

QUESTION: DO YOU HAVE TO DRIVE IN BOTH DIRECTIONS TO COLLECT THE DATA?

Answer: During the data collection process, the driver typically only needs to drive in one direction, provided there is no median or divider on the road. This determination will be made during the map confirmation phase when Michelin Better Roads collaborates with you to identify which roads should be included in the assessment.

QUESTION: HOW LONG DOES IT TAKE FOR MICHELIN BETTER ROADS TO PROCESS AND DELIVER THE PAVEMENT ASSESSMENT?

Answer: Once all data has been securely uploaded to our servers, you can expect delivery within 30 days. The pavement assessment data is delivered in two formats. First, the ratings will appear on an interactive, color-coded mapping platform called RoadWay.

Second, a shapefile and/or geojson file that contains all of the road assessment GPS points and corresponding ratings will be provided, enabling easy integration into your GIS system. Importantly, the point layer includes image URLs, minimizing the need for extensive image storage in your GIS system.