



# EarthWorks Roads

Pave the Way to Soil Moisture Risk Management

EarthWorks Roads is the world's first L-band SAR satellite-based solution for detecting subsurface soil moisture risks around road infrastructure. With patented technology and unmatched accuracy, EarthWorks provides high-resolution insights into actual soil moisture levels, enabling early detection of potential risks to ensure safer, longer-lasting roads.

## Long-Lasting Infrastructure Starts with EarthWorks Roads

Don't wait for cracks to show — there's more than meets the eye when it comes to moisture risks. Moisture buildup and poor drainage often go unnoticed, compromising safety and leading to costly repairs. With our satellite view of subsurface risks, you can steer clear of unseen threats to your roads.

## Why Choose EarthWorks?

EarthWorks Roads gives you a system-wide view of moisture risks, enabling you to:

- ✦ **Maximize ROI** by preventing costly failures
- ✦ **Extend asset lifespan** by detecting issues early
- ✦ **Track moisture trends** to monitor changes for proactive decisions

## Other Industries Served by EarthWorks

Dams and Levees | Rail | Mining | Property

## Key Features



### Trend Analysis

Monitor moisture changes over time



### Alert & Alarm Grid

Categorize at-risk areas to identify sections that need closer inspection

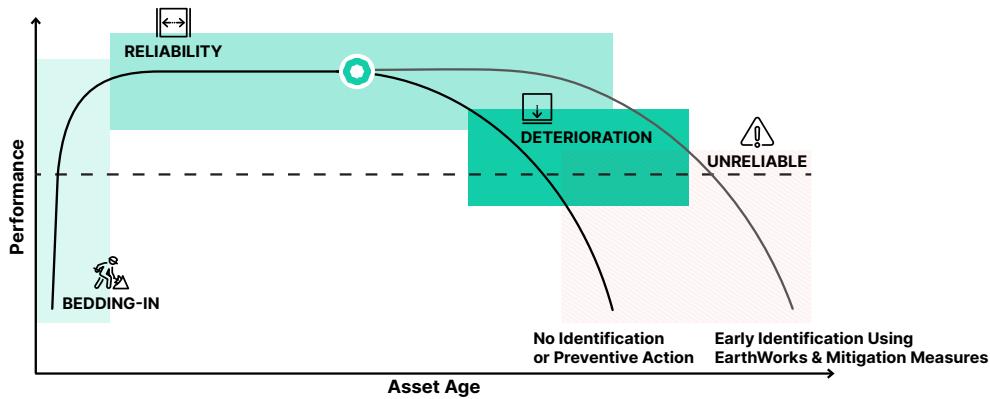


### Mobile-Optimized Reporting

Access digital reports on the go via mobile apps for faster response times



## ASTERRA EarthWorks Contributes to Extended Asset Lifespan



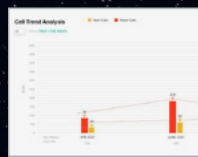
### Something for Everyone

EarthWorks Roads serves every level of your organization. From decision-makers focused on prolonging road life, to managers optimizing operations, to field crews assessing road conditions—our solution meets the needs of all teams.

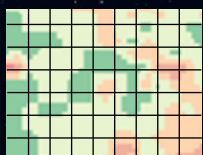
### How it Works



**1 Provide Your Map**  
Share your area of interest



**4 Track Moisture Trends**  
EarthWorks monitors moisture changes over time



**2 Grid Division**  
We'll break it down into smaller sections



**5 Act on Insights**  
Receive targeted insights for informed action



**3 Prioritize Risks**  
Define high-risk zones with our guidance



For more information: [inquiry@asterra.io](mailto:inquiry@asterra.io)

