Seismic Source

SeisMike

ROAD SYSTEM

Rapid Multichannel Analysis of Surface Waves (MASW)

for non-destructive evaluation of roads and concrete pavements

The SeisMike ADD Road System brings advanced MASW technology to the roadway. Towed behind a vehicle, it collects high-quality multichannel data at road speeds for efficient, continuous non-destructive evaluation of concrete and asphalt pavements.

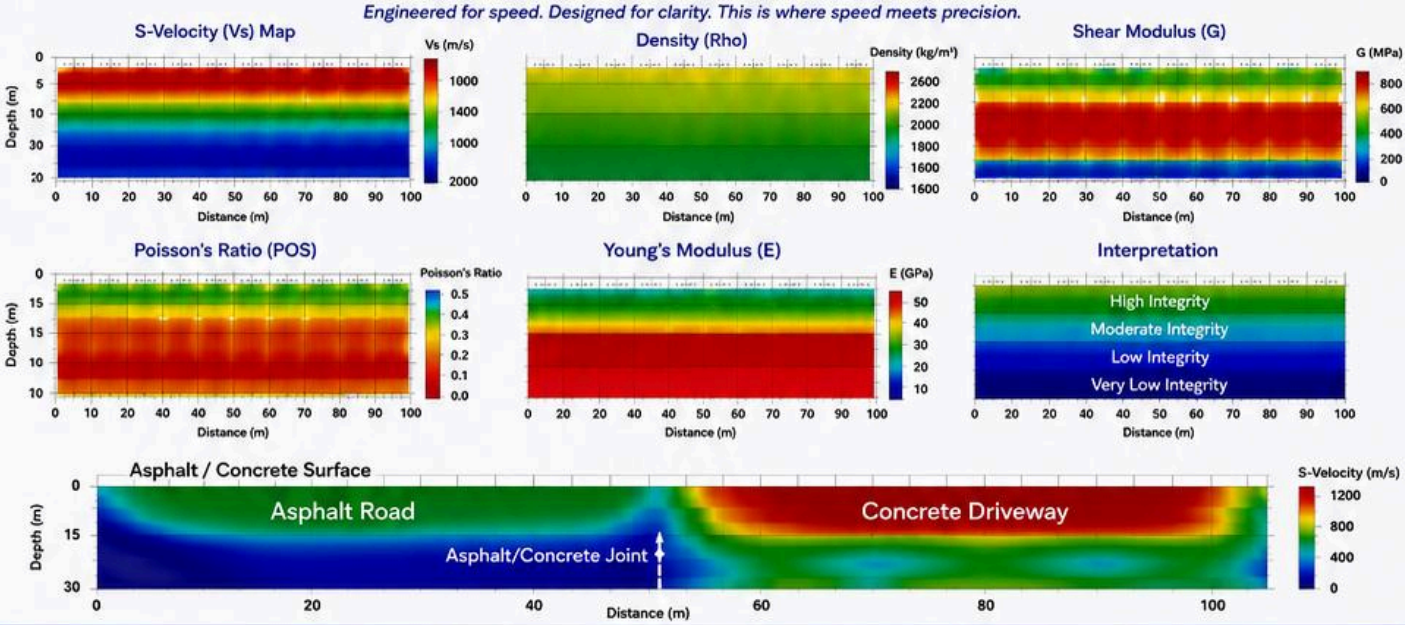
- ✔ Evaluate More Miles in Less Time
- ✔ Non-Destructive and Continuous
- ✔ High-Resolution Subsurface Imaging
- ✔ Real-Time Data Quality Feedback
- ✔ Designed for Road Speeds
- ✔ Easy Setup and Operation

Real-World Performance. Road-Speed Efficiency.

Collect reliable MASW data at highway speeds without disrupting traffic.

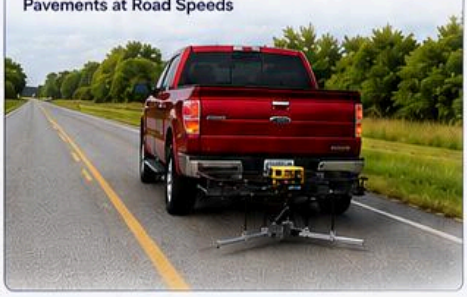
Park Seismic PSX Processing Software

Engineered for speed. Designed for clarity. This is where speed meets precision.



Field Application – Road System

Non-Destructive Evaluation of Concrete and Asphalt Pavements at Road Speeds



System Features

- ✓ Tows Easily with Any Class III Hitch
- ✓ Collects Data at Typical Road Speeds (Up to 45 mph / 72 km/h)
- ✓ Multi-Channel *Microphone* Array for High-Resolution Imaging
- ✓ Real-Time Quality Control and GPS Positioning
- ✓ Rugged, All-Weather Design
- ✓ Ideal for Concrete, Asphalt, and Composite Pavements

System Specifications

Towing Interface:	2" Trailer Hitch (Class III)
Operating Speed:	10 – 45 mph (16 – 72 km/h)
Channel Count:	48 Channels
Microphone Spacing:	1.5 in (Standard)
Data Acquisition:	SeisMike Controller
Power Requirement:	12V DC (from vehicle)
GPS:	Integrated RTK GNSS
Dimensions (Travel):	48 in W x 30 in D x 24 in H
Weight:	~85 lbs (39 kg)

Applications

- ▸ Concrete Pavement Evaluation
- ▸ Asphalt Pavement Evaluation
- ▸ Pavement Condition Assessment
- ▸ Airport Runway Inspection
- ▸ Bridge Deck and Parking Structure Evaluation
- ▸ Infrastructure Asset Management

How it Works

Park Seismic
www.parkseismic.com

Seismic Source
www.seismicsource.com

Olson Engineering
www.olsonengr.com

Designed and Built in the USA