

Concrete Pavement Surface Characteristics Program (CPSCP)

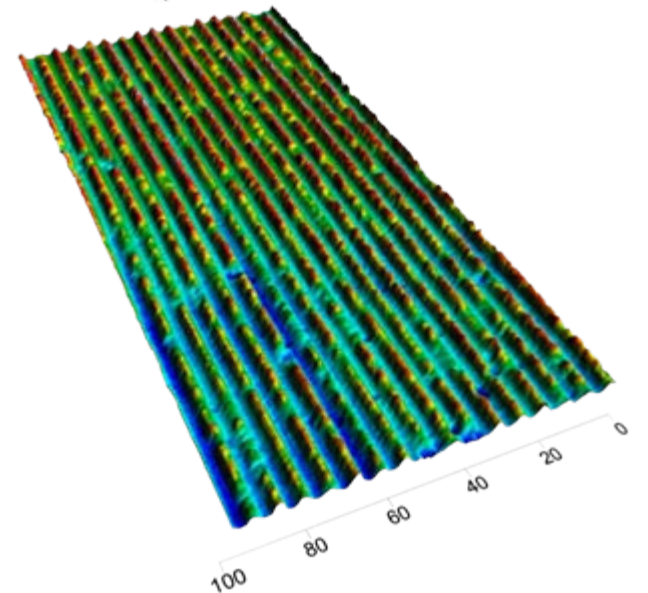
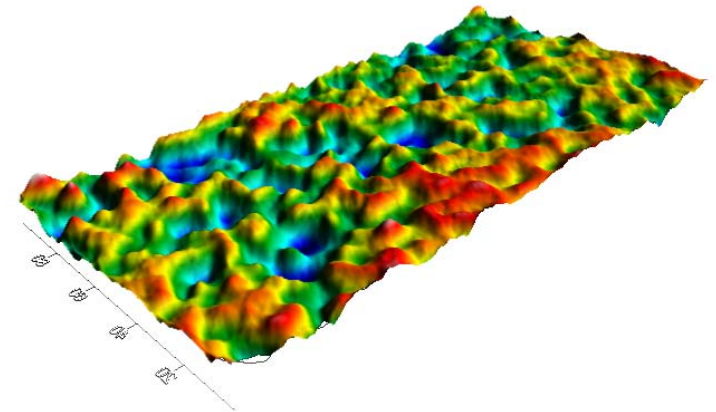
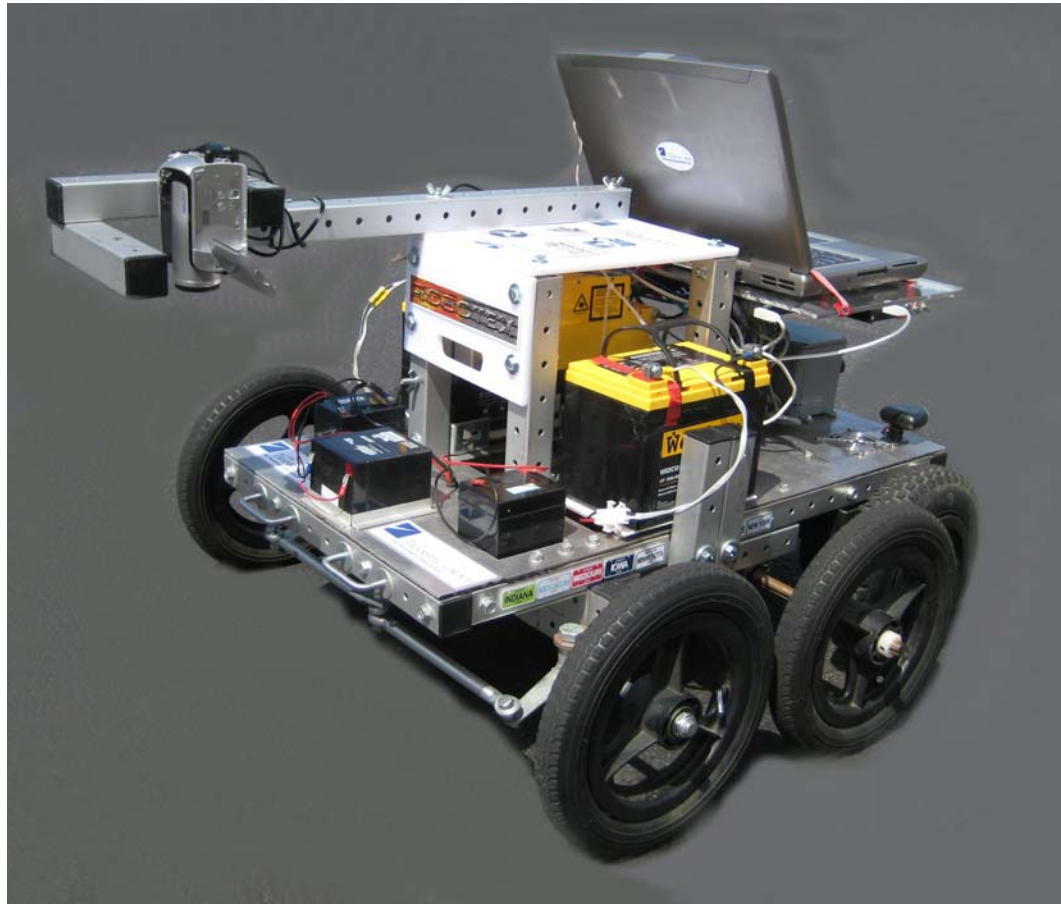


National Concrete Pavement
Technology Center



Texture Testing: RoboTex 2.0

- ❑ Built around LMI-Selcom RoLine Sensor
- ❑ Laser height sensor, inertial referencing
- ❑ GPS, DMI encoder, video log



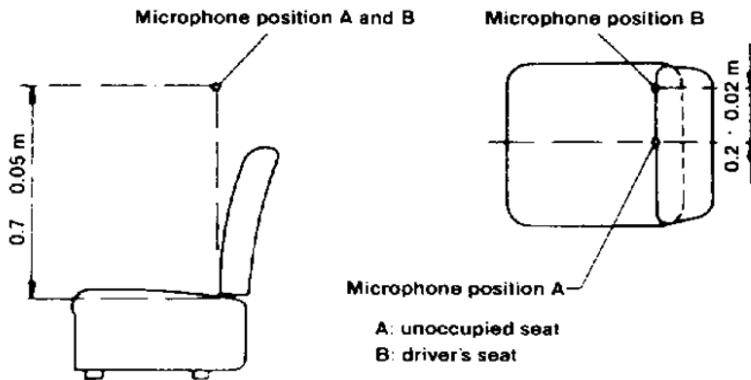
Noise Testing: Wayside

- ❑ Controlled pass-by (CPB) measures noise “roadside” using test vehicle under controlled conditions
- ❑ Same vehicle used for OBSI and CPB noise testing



Noise Testing: In Vehicle

- ❑ Standardized by SAE J1477 and ISO 5128
- ❑ Same vehicle used for OBSI and In-Vehicle noise testing



Noise Testing: OBSI

- ❑ On-Board Sound Intensity (OBSI)
- ❑ Developed by Dr. Paul Donovan
- ❑ Standardization via AASHTO



OBSI Noise Catalog

