Pundit 200

Ultrasonic integrity testing of asphalt

A recent project for Proceq's ultrasonic testers consisted of testing the integrity and heal of a 25 foot long 5 foot wide 16 inch thick asphalt pavement road. To simulate 20 years of load on the asphalt pavement road, a constant load was applied.

The Pundit 200 was utilized successfully for tests during specified load cycles. Both 54 kHz P-wave transducers and 250 kHz S-wave transducers were used to test the area directly under load and surrounding areas. Continuous data logging was used to record individual transit times at set time intervals.