



Ohio Department of Transportation  
1980 West Broad Street, P.O. Box 899  
Columbus, Ohio 43216-0899  
Road Profiling Equipment and Operator Approval Notice  
Office of Pavement Engineering  
614-995-5990

Date: June 4, 2008  
From: Brian L. Schleppi

To: Mr. Joe Orn  
Central Allied Enterprises Inc.  
1243 Raff Road  
Canton, Ohio 44701

This letter is to inform you that you as an operator and your profiling equipment **CONDITIONALLY** passed ODOT equipment and operator certification (SS 1058) in May of 2008. You and your equipment are approved to operate through May 31, 2009 to collect road profiles for smoothness index calculation on ODOT projects where such is required. A copy of this Approval Notice shall be given to the project engineer for each project.

ODOT reserves the right to revoke operator approval. Reasons for such revocation may include but are not limited to the following:

- Inability to check or recalibrate the longitudinal distance measurements of your equipment upon request
- Inability to verify height sensor measurements by doing a simple block check on your equipment upon request
- Inability to demonstrate a bounce test on your equipment upon request
- Inability to generate an electronic copy of profiles collected in ProVAL software compatible format at the completion of a data collection run upon request
- Inability to provide logsheets describing naming conventions and location descriptions of collected profiles
- **Inability to follow Supplemental Specification 1110 in submitting data to ODOT**

ODOT reserves the right to revoke equipment approval. Reasons for such revocation may include but are not limited to the following (re-certification may take place after remedies/repairs):

- Longitudinal distance is not within 0.2% and equipment cannot be recalibrated to measure within this criteria
- Height sensor(s) are not measuring within 0.01 inch
- Equipment fails to pass a bounce test and cannot pass after recalibration of accelerometer(s) and/or height sensor(s), IRI of 15 inches or less on a project site
- Repair or replacement of equipment components such as accelerometers, height sensors, other electronic components including the equipments computer
- Equipment software upgrades/revisions

#### Equipment Details

Profiler Manufacturer, Model, and Serial #: K. J. Law T-6400 #Unknown

Profiler type: Lightweight Single sensor(Left Side Only) profiler mounted on Kawasaki utility vehicle

Operating Speed: 5 - 15 mph

Software Version: K. J. Law 3.00 (or older)

ODOT Assigned Device Number: 24

Your equipment should be set to collect and store profile points at 1.0 inch intervals. A 300 ft long wavelength cutoff filter should be applied when generating profiles for analysis in ProVAL. No other short, long, or other bandpass filters should be applied either in data collection or when generating electronic copies of profiles for analysis in ProVAL software.

When generating smoothness indices in ProVAL software:  
You should check the “Apply 250 mm filter” box for IRI calculation

Pictures of your approved equipment and operators appear below. If you have any questions or concerns, please contact me.

Respectfully,



Brian L. Schleppi  
(614) 752-5745  
brian.schleppi@dot.state.oh.us  
Road Profile Program Manager  
ODOT Office of Pavement Engineering

**Condition: Left sensor only, you must contact ODOT Office of Pavement Engineering for recertification upon completion of repairs to right sensor.**

Central Allied Enterprises Inc.: Approved Road Profiler:



Central Allied Enterprises Inc.: Approved Operator: Mr. Joe Orn

