

Department of Transportation
d Maurer - M&R Lab - Room 26
D Gervais
plewood, Minnesota 55109



**3rd ANNUAL
ROAD PROFILER
USERS' GROUP MEETING**

Toledo Hotel No 571

Ramada Hotel
St. Paul, Minnesota
October 1-3, 1991

WHAT IS A ROAD PROFILER?
The South Dakota DOT developed a low cost, high speed road profile measurement system in 1982. They modified the system in 1986 to measure rut depth as well as road profile. Since then several other states have built their own copies of the Road Profiler and it is now also being manufactured commercially. Several states use the Road Profiler to conduct state-wide surveys of pavement roughness and rutting.

WHY MEET?
This meeting is intended as an informal gathering together for the exchange of ideas, information and needs useful to Road Profiler owners/operators. Pavement Management and the art of measuring road roughness will be discussed.

WHO SHOULD ATTEND?
Anyone who owns/operates a Road Profiler or is interested in acquiring a Road Profiler should attend. Engineers responsible for road roughness data and pavement management will benefit.

WHERE AND WHEN IS THE MEETING?
The meeting will be held in St. Paul, Minnesota on October 1-3, 1991 at the Ramada Hotel. The Ramada Hotel is located at 1870 Old Hudson Road, just north of Interstate 94 between the White Bear Avenue and Ruth Street exits.

BUSINESS OFFICE
TEL: 612-779-5616
SEP 11 91 14:49 No. 007 P. 02

INITIATIVE AGENDA

Tuesday, October 1 (9:00-5:00)

Registration Desk Open (9:30-8:30) MN
 Welcome MN
 Statement of Purpose FHWA
 Mn/DOT's PMS MN
 Principles of Profilometry SD
 Factors Affecting Profiler
 Testing ~~Reportability~~ ^{Respectability} WY
 Luncheon Hosted
 Statistical Analysis of 1990
 RPUG TESTS U of WY
 Relationship between Profile (IRI)
 Transverse Cracks and PSI NE
 Accuracy and Repeatability
 of Rutting Measurements FL
 Round Table Discussion of Expert Panel &
 1990 RPUG Survey States

Wednesday, October 2 (8:00-5:00)

Mn/ROAD (Mn/DOT's Long Term
 Cold Regions Research Test Road) MN
 Field Test Desc. & Explanation MN
 Field Test Locations MN
 Field Tests, Demos & Tours States

Thursday, October 3 (8:00-5:00)

Introduction of Days Discussions MN
 ICC's Road Profiler
 HMR Communications Road Profiler
 Pav-Tech's Video Inspection &
 Profiler Vehicle
 South Dakota Road Profiler
 Minnesota "Guidestar" (featuring
 the vehicles & highways of the
 future) MN
 Mn/DOT's Pavement Performance
 Prediction Model MN
 Luncheon Hosted
 Prelim. Report-Results of Field Tests MN
 SHRP Profiler vs. Pund
 (Delaware) vs. Profiler PCS-Law Engr.
 Evaluation of Pro-Rut (Lasers) U of WY
 Correlation of Profiler, Chloc,
 Mays and PSI FL
 Future RPUG Activities FHWA/MN
 Closing Comments FHWA/MN

REGISTRATION FEE?

There is a \$40 pre-registration fee to cover the cost of two hosted lunches and coffee breaks. Participants may register at the meeting if they wish, but the registration fee will be \$50 at the door. Pre-registration is encouraged to ease the logistics burden of setting up the meeting.

HOW DO I REGISTER?

To pre-register, mail the return portion of this announcement along with a check for \$40 to the address indicated. You may register at the door for \$50. For additional information contact Fred Maurer, Minnesota Department of Transportation at 612/779-5568. Room reservations should be made directly with the hotel. We encourage early reservations.

ACCOMMODATIONS

Room reservations should be made, by you, directly with the hotel of your choice. The meeting is being held at the RAMADA HOTEL, 612/735-2330 where a block of rooms has been reserved (until September 20) at the rate of \$~~45~~⁴⁹/night single or double. They also have a concierge suite for \$49/night. To obtain this rate you need to mention the "Road Profiler Users' Group" meeting. You are encouraged to make reservations early. Ramada Hotel has an airport shuttle service available. To take advantage of this service, contact the Ramada Hotel directly.

Registration Form
 3rd ANNUAL ROAD PROFILER
 USERS' GROUP MEETING

MAIL TO:
 MN DEPARTMENT OF TRANSPORTATION
 FRED MAURER - M&R LAB - ROOM 26
 400 GERVAYS
 MAPLEWOOD, MINNESOTA 55109

Name _____

Title _____

Organization _____

Address _____

City, State, Zip _____

Phone (____) _____

REGISTRATION FEE: \$40 (pre-registration)
 \$50 (at the door)

REGISTRATION FEE: _____