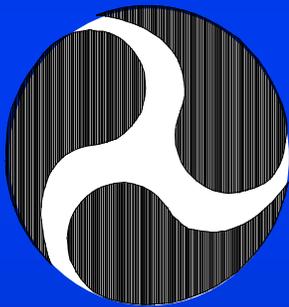


SPECIFIC PAVEMENT STUDIES TRAFFIC ACTION PLAN

NATMEC 2000

Larry J. Wiser



U.S. Department of Transportation
Federal Highway Administration



Long-Term Pavement Performance
Serving Your Need for Durable Pavements

LTPP SPS Traffic Action Plan

- ◆ Improve quality, quantity (5 years) & timeliness
- ◆ Year round WIM for SPS 1, 2, 5, & 6
- ◆ Proof of Low Truck Loading for SPS 8
- ◆ Shift in responsibilities

National Responsibility

- ◆ Specifications and Guidelines
- ◆ Equipment Purchase
- ◆ Equipment Installation /
Calibration / Validation
- ◆ Equipment Maintenance
- ◆ Data Collection & Processing
- ◆ Administration / Oversight

Agency Responsibility

- ◆ Funding
- ◆ Pavement Construction
- ◆ Traffic Control
- ◆ Pavement Maintenance

Implementation Activities

- ◆ Establish Pooled Fund Project
- ◆ Agency visits / Site evaluations
- ◆ Pilot Projects
- ◆ Equipment
- ◆ Data Collection & Processing

Establish Pooled Fund Project

- ◆ AASHTO letter (early August)
 - + FHWA to initiate pooled fund study
 - + FHWA Division Office has funding details

Establish Pooled Fund Project

- ◆ FHWA Memorandum (late August)
 - + "Pooled Fund Study Funding Commitment Form"
 - + Funding level will be determined
 - Evaluation of SPS site(s)
 - Agency's determination of which services it will fund

Agency Visits / Site Evaluations

- ◆ Visit Agencies with SPS 1, 2, 5, 6 and 8 in FY 2001.
 - + specifics of the proposed study
 - + the SPS site(s) evaluation(s)
 - + LTPP's policy on quality of traffic data.

Pilot Projects

- ◆ Validate protocols for Participating Agencies
 - + Site evaluation (selection & installation)
 - + Smoothness & grinding
 - + WIM system accuracy
 - + Data collection processing (QC & QA)

Pilot Projects

- ◆ Validate protocols for Non-Participating Agencies
 - + Site evaluation of existing WIM
 - + Smoothness
 - + WIM system accuracy

Equipment

- ◆ Eliminate sources of variation in data quality
 - + Same equipment for consistency in collection
 - + Common installation standard for equipment
 - + Common specification for location and pavement

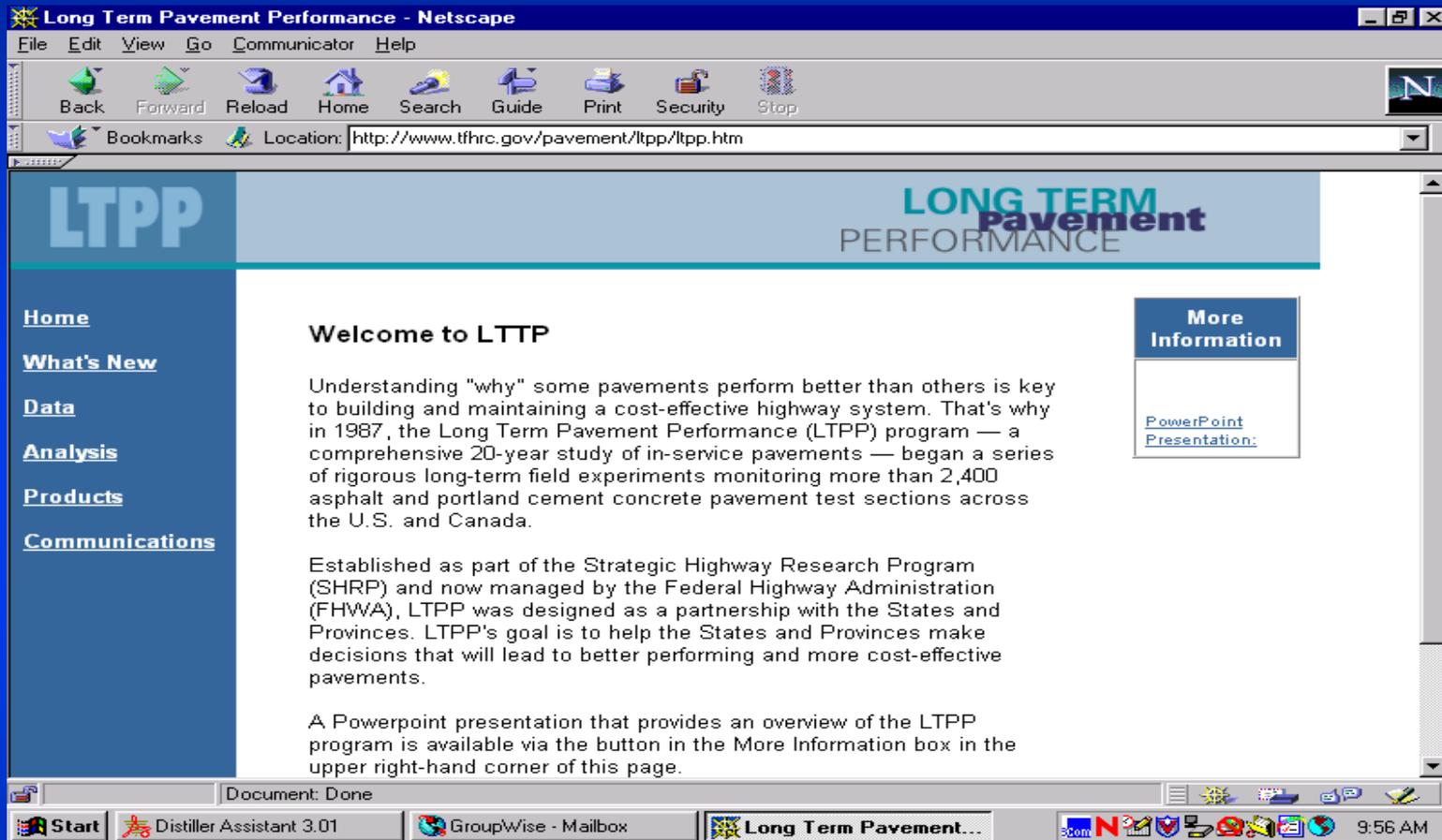
Data Collection & Processing

- ◆ Done Nationally to include
 - + Weekly dial-up site checks
 - + Bi-monthly review and QC
 - + Monthly data submissions and uploads to LTPP
 - + Done consistently for all sites

Concurrent Traffic Activities

- ◆ Traffic Projection Studies
- ◆ New Traffic software suite
 - + QC
 - + QA

LTPP on the Web



Connect to the LTPP WebPage through www.tfhrc.gov

Comments or More Information

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Questions?

