



U.S. Department  
of Transportation

**Federal Highway  
Administration**

# Memorandum

6300 Georgetown Pike  
McLean, Virginia 22101

Subject: **ACTION**: LTPP Directive P-63  
Implementation of Updated Ames Engineering Software

Date: June 13, 2024

From: Larry Wiser  
Long-Term Pavement Performance Team

Reply to  
Attn of: HRDI-30

To: Mr. Gabe Cimini, PM - LTPP Data Collection Contract

Attached is the Long-Term Pavement Performance (LTPP) Program Directive P-63, superseding directive P-61, LTPP Implementation of Updated Ames Engineering. This directive implements the following software to use in performing longitudinal profile and texture measurements using the Ames Engineering PSM8300 Survey Unit (AESU).

**AMES Engineering Software v6.1.4.9** – This software replaces previous versions and will be used to perform longitudinal profile, transverse profile, and texture field measurements using the AESU.

This software shall be installed and used on all computers to collect or process LTPP profile data effective immediately.

Should you have any questions or would like to discuss this directive, please do not hesitate to contact Larry Wiser via email at [Larry.Wiser@dot.gov](mailto:Larry.Wiser@dot.gov) or (202) 493-3079.

Attachment (1)

FHWA:HRDI-30 LWiser:jeh:202-493-3079:6/13/24

File: M:\LTPP Directives\PROFILE\P-63

cc:

Dr. Gonzalo Rada  
Directive Binder  
LTPP Team  
Official file

# LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



*For the Technical Direction of the LTPP Program*



Program Area:	Monitoring	Directive Number:	P-63
Date:	June 13, 2024	Supersedes:	P-61
Subject:	Implementation of Updated Ames Engineering Software		

---

This directive implements the following software to use in performing longitudinal profile, transverse profile, and texture measurements using the Ames Engineering PSM8300 Survey Unit (AESU):

## **AMES Engineering Software v6.1.4.9**

This software replaces previous versions and is to be used to perform longitudinal profile, transverse profile, and texture field measurements using the AESU.

Effective immediately, the software shall be installed and used on all computers collecting or processing LTPP profile data.

Prepared by: TSSC

Approved by:

Jane (Yan) Jiang  
Long-Term Infrastructure Performance  
LTIP Team Leader (HRDI-30)