LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE

For The Technical Direction Of The LTPP Program

Program Area:	Monitoring	Directive Number:	SM-12
Date:	May 31, 1995	Supersedes:	n/a
Subject:	Routine Replacement of ONSITE Battery		

The battery powering the ONSITE datalogger shall be replaced with a fully charged, properly functioning, battery every time a LTPP Seasonal Monitoring Program test section is visited for upload of the ONSITE data. The battery should be replaced following the applicable portions of Directive SM-05. This action is to reduce the potential for loss of ONSITE data due to a loss of battery power between monitoring site visits.

If a battery is suspected of being defective and not holding its charge, it should be tested using the following procedure:

1. Fully charge the battery.
2. Connect a 33 ohm resistor, rated at 5-watts or more, across the terminals.
3. After 20 hours, if the voltage has dropped to below 10.8 volts, the battery should be considered defective and not used in the SMP.

Any questions regarding this directive should be submitted to the FHWA LTPP Division with a copy to the LTPP Technical Assistance Contractor (TAC).

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