

LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For The Technical Direction Of The LTPP Program



Program Area: Monitoring

Directive Number: AWS-10

Date: December 11, 1997

Supersedes: N/A

Subject: AWS Telemetry Installation Reports

Whenever telemetry equipment is installed at an SPS-1, -2 or -8 project site for the remote collection of AWS data, a letter-report documenting that installation shall be prepared in accordance with the guidelines provided in this directive.

The letter-report shall contain the following elements:

1. Narrative description of installation activities, including:
 - a. Project location, project identification number and date of equipment installation.
 - b. Installation option: direct telephone line versus cellular telephone.
 - c. Project site telephone number and list of passwords to access site.
 - d. Agency participation relative to equipment installation costs and monthly charges.
 - e. Installation team: RCOC and highway agency personnel.
 - f. Overview of installation activities with particular emphasis on deviations from LTPP Directive AWS-9: "Remote Collection of AWS Data" and justification for those deviations.
 - g. Discussion of installation problems and how they were addressed.
 - h. Activities performed to verify functioning of equipment.
 - i. Suggestions for future improvement of installation activities at other project sites.

2. Supplemental information in the form of attachments, including:
 - a. List of equipment installed and their serial numbers.
 - b. Color copies of site photographs taken during equipment installation and of final equipment set-up.

- c. Plots of temperature, precipitation, solar radiation, relative humidity and wind speed/direction generated using data uploaded from the AWS site to verify functioning of equipment.

The letter-report must be completed within three months of equipment installation and it shall be submitted to Aramis Lopez of the FHWA LTPP Team, with a copy to Gonzalo Rada of the LTPP Technical Support Services Contractor.

Prepared by: Aramis Lopez, Jr.

Approved by:

Monte Symons
Team Leader, LTPP Operations