



Memorandum

U.S. Department
of Transportation

6300 Georgetown Pike
McLean, Virginia 22101

**Federal Highway
Administration**

Subject: **ACTION:** LTPP Directive M-24
Naming Convention For Material
Samples Combined for Laboratory Testing

Date: May 3, 2016

From: Jack Springer
Long Term Pavement Performance Team

Reply to
Attn of: HRDI-30

To: Mr. Gabe Cimini, PM - LTPP North Atlantic Regional Contract
Mr. Gabe Cimini, PM - LTPP North Central Regional Contract
Mr. James Sassin, PM - LTPP Southern Regional Contract
Mr. Kevin Senn, PM - LTPP Western Regional Contract

Attached is Long Term Pavement Performance (LTPP) Program Directive M-24: Naming Convention For Material Samples Combined for Laboratory Testing. Please ensure that all personnel involved with the process are aware of this new directive.

Should you have any questions concerning this directive, please do not hesitate to contact me on (202) 493-3144 or jack.springer@fhwa.dot.gov.

Attachment

FHWA:HRDI-30:JSpringer;jharris:493-3144:05/03/16

File: M:\LTPP Directives\M-24.docx

cc:

Jonathon Groeger (TSSC)

Jane Jiang

Directive Binder

Official File

LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For the Technical Direction of the LTPP Program



Program Area: Materials Directive Number: M-24

Date: June 16, 2006 Supersedes:

Subject: Naming Convention for Material Samples Combined for
Laboratory Testing Purposes

Effective immediately, the following naming conventions for Sample Number and Location Number shall be used for materials samples that are combined prior to testing.

Sample Number (SAMPLE_NO)

| | | | | |
|----------|----------|----------|----------|----------|
| <u>S</u> | <u>M</u> | <u>X</u> | <u>N</u> | <u>N</u> |
| 1 | 2 | 3 | 4 | 5 |

Where:

- S Sample type. This code is defined in the sampling documentation specific to the LTPP experiment type. Typical values are:
- B: bulk sample
 - C: core sample
- M Material type. This code is defined in the sampling documentation specific to the LTPP experiment type. Typical values are:
- A: asphalt concrete
 - P: Portland cement concrete
 - G: untreated, unbound granular base/subbase
 - S: subgrade soil or fill material
 - T: treated, bound or stabilized base/subbase
- X The character 'X'

- N A two digit number such that the sample number is unique to the LTPP section. Use a leading '0' for numbers less than 10.

For example, if three asphalt concrete cores with sample numbers of CA501, CA502 and CA503 are to be combined, then an appropriate combined sample number would be CAX01.

Location Number (LOC_NO)

| | | | |
|---|---|---|---|
| L | X | N | N |
| 1 | 2 | 3 | 4 |

Where:

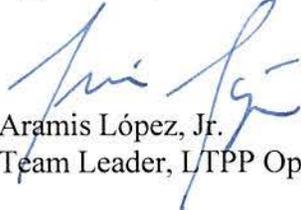
- L Location type (one or two characters). This code is defined in the sampling documentation specific to the LTPP experiment type. If a sample is combined from multiple location types, then one location of those location types shall be selected at random for use in the combine LOC_NO. Typical values are:
 - A: 6" diameter core or auger location
 - B: Bulk sample location
 - BA: 12" diameter core and bulk base or subgrade location
 - C: 4" diameter core
 - TP: Test pit
- X The character 'X'
- N A two digit number such that the sample number is unique to the LTPP section. Use a leading '0' for numbers less than 10.

For example, if three asphalt concrete cores with location numbers of A501, A502 and BA209 are to be combined, then an appropriate combined location number would be AX01.

This directive also issues Sampling Data Sheet 23 for use in recording sample combinations. A copy of Sampling Data Sheet 23 is attached.

Prepared by: TSSC

Approved by:


 Aramis López, Jr.
 Team Leader, LTPP Operations