



Illinois Department of Transportation

Memorandum

To: Airport Consultants and Contractors
From: Mike Wilhelm
Subject: Comparison Samples
Date: May 31, 2007

In accordance with Policy Memorandum 96-3, the Resident Engineer (R.E.) shall obtain split comparison samples from the contractor for testing by an ASTM-certified, independent testing laboratory. In order to reduce splitting errors, the R.E. shall request that the contractor split the sample down to individual test sample size. The split samples shall be placed in individual paper bags for each test.

The following list shows the number and size of each sample:

| | | |
|-----------------------------|---------|---|
| 3 Marshall Brix..... | 3 bags: | 1250 grams each |
| Vacuum Pycnometer Test..... | 2 bags: | 1100 grams each |
| Extraction..... | 2 bags: | Base course 1500 grams each Surface course 1000 grams each |

Each paper bag shall be identified with the following information:

Airport Name:
Illinois Project Number:
Type of Mix (Base or Surface):
Date Sampled:
Lot-Sublot Number:
Type of test (Brix-Pycnometer-Extraction):

For the samples identified as brix the R.E. shall also include the number of blows that are required in the construction contract: 50 or 75 blows.

NUMBER OF SAMPLES TO BE SUBMITTED FOR TESTING

One per test section for each type of mix, then one randomly selected sample for each 5000 tons of mix produced under production paving. Projects with less than 5000 tons of mix shall have one split sample tested per mix type for the project in addition to the test section split sample, if a test section is specified. The split samples not selected shall be stored by the contractor for use at the discretion of the Division of Aeronautics.

The R.E. shall place all seven (7) bags in a box along with all samples and ship them to an ASTM-certified, independent lab for testing. The cost of all testing

is to be borne by the Consultant. The lab shall be chosen by the Consultant, but shall not be the same one used by the Contractor. All testing results shall be obtained in a timely manner. The R.E. shall also fill out the sample identification sheet, which shall be sent to the laboratory. Copies of the sample identification sheet and all testing results shall be faxed to:

Illinois Department of Transportation, Division of Aeronautics
Attn: Mr. Michael F. Wilhelm, P.E.
Engineer of Construction & Materials
Fax: (217) 558-1328

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF AERONAUTICS

SAMPLE IDENTIFICATION

AIRPORT _____ LOCATION _____

ILLINOIS PROJECT NO. _____

MIX PRODUCER _____

P/S NUMBER _____

LOCATION _____

TYPE OF MIX _____

LOT NUMBER _____ SUBLOT NUMBER _____

DATE SAMPLED _____

SAMPLED FROM _____

IS A SURGE BIN BEING USED _____

OF BLOWS FOR MARSHALL BRIX (OR GYRATIONS) _____

COMMENTS _____

FILL IN ALL BLANKS

R.E. or REPRESENTATIVE SIGNATURE

SEND COPY TO:

Division of Aeronautics
Attn: Michael F. Wilhelm, P.E.
1 Langhorne Bond Drive
Springfield, IL 62707-8415
FAX: (217) 558-1328

NOTE: Samples should be submitted on day of sampling but no later than 48 hours.