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 Superpave Gyratory Brix (Gmb)........................ 3 bags: 4800 grams each  
Vacuum Pycnometer Test (Gmm)………………... 2 bags: 1500 grams each  
Ignition Oven or Extraction………………………… 2 bags: 1500 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 - Ignition Oven or Extraction):

For the samples identified as brix the R.E. shall also include the number of gyrations that are required in the construction contract: Illinois Standard Specifications for Construction of Airports (April 1, 2012), Item 401, 403 Table 1, Superpave Design Criteria.

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 or emailed to:

Illinois Department of Transportation, Division of Aeronautics
Attn: Mr. Michael F. Wilhelm, P.E.
Engineer of Construction & Materials
Email: michael.wilhelm@illinois.gov

Supersedes Comparison Samples Memorandum, dated May 31, 2007
### SAMPLE IDENTIFICATION

<table>
<thead>
<tr>
<th>AIRPORT</th>
<th>LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>ILLINOIS PROJECT NO.</td>
<td></td>
</tr>
<tr>
<td>MIX PRODUCER</td>
<td></td>
</tr>
<tr>
<td>PRODUCER NUMBER</td>
<td></td>
</tr>
<tr>
<td>LOCATION</td>
<td></td>
</tr>
<tr>
<td>TYPE OF MIX</td>
<td></td>
</tr>
<tr>
<td>LOT NUMBER</td>
<td>SUBLOT NUMBER</td>
</tr>
<tr>
<td>DATE SAMPLED</td>
<td></td>
</tr>
<tr>
<td>SAMPLED FROM</td>
<td></td>
</tr>
<tr>
<td># OF GYRATIONS</td>
<td></td>
</tr>
<tr>
<td>COMMENTS</td>
<td></td>
</tr>
</tbody>
</table>

**FILL IN ALL BLANKS**

EMAIL OR FAX COPY TO:  

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

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