Micro-Surfacing Calibration Report

PROJECT NO(S) _____

County _____

Region/Area _____

Date _____

Contractor Name: _____

Address: _____

_____

Superintendent: _____

Micro-Surfacing Calibration Report
Asphalt Emulsion Calibration Worksheet

Test #1

Starting Weight (a)_____
Ending Weight Emulsion (b)_____
Pounds of Emulsion (b-a) = c (c) _____
Counts of Emulsion Counter (d) _____
Counts of Rock Counter (e) _____

1. Pounds of emulsion per rock count (c/e) =f^1 (f^1) _____
2. Pounds of emulsion per emulsion count (c/d) = g^1 (g^1) _____

Test #2

Starting Weight (a)_____
Ending Weight Emulsion (b)_____
Pounds of Emulsion (b-a) = c (c) _____
Counts of Emulsion Counter (d) _____
Counts of Rock Counter (e) _____

3. Pounds of emulsion per rock count (c/e) =f^2 (f^2) _____
4. Pounds of emulsion per emulsion count (c/d) = g^2 (g^2) _____

Test #3

Starting Weight (a)_____
Ending Weight Emulsion (b)_____
Pounds of Emulsion (b-a) = c (c) _____
Counts of Emulsion Counter (d) _____
Counts of Rock Counter (e) _____

5. Pounds of emulsion per rock count (c/e) =f^3 (f^3) _____
6. Pounds of emulsion per emulsion count (c/d) = g^3 (g^3) _____

Average pounds of emulsion per count of rock counter

($f^1 + f^2 + f^3$) / 3 = Ave. E/R Count Ave. E/R Count _____

Average pounds of emulsion per count of emulsion counter

($g^1 + g^2 + g^3$) / 3 = Ave. E/E Count Ave. E/E Count _____

Performed by: _____

Micro-Surfacing Calibration Report
Cement Calibration Worksheet

Run Minimum 25 counts of Cement Counter

Test #1

Full Weight	(a)_____
Empty Weight	(b)_____
Pounds of Cement (b-a) = c	(c) _____
Number of Counts	(d) _____

1. Pounds per count (c/d) =f^1 (f^1) _____

Test #2

Full Weight	(a)_____
Empty Weight	(b)_____
Pounds of Cement (b-a) = c	(c) _____
Number of Counts	(d) _____

2. Pounds per count (c/d) =f^2 (f^2) _____

Test #3

Full Weight	(a)_____
Empty Weight	(b)_____
Pounds of Cement (b-a) = c	(c) _____
Number of Counts	(d) _____

3. Pounds per count (c/d) =f^3 (f^3) _____

(f^1 + f^2 + f^3) / 3 = Ave. pounds per Count Ave. Lbs. Count _____

Performed by: _____

Micro-Surfacing Calibration Report
Aggregate Calibration Worksheet

3" Gate Setting

Test 1: Full Weight _____ Empty Weight _____

Pounds of Rock _____ ÷ No of Counts_____= Lbs. per counts _____

Test 2: Full Weight _____ Empty Weight _____

Pounds of Rock _____ ÷ No of Counts_____= Lbs. per counts _____

Average Agg. Lbs. /count _____÷ Moisture Factor _____ = Dry Agg. Lbs. / Count _____

4" Gate Setting

Test 1: Full Weight _____ Empty Weight _____

Pounds of Rock _____ ÷ No of Counts_____= Lbs. per counts _____

Test 2: Full Weight _____ Empty Weight _____

Pounds of Rock _____ ÷ No of Counts_____= Lbs. per counts _____

Average Agg. Lbs. /count _____÷ Moisture Factor _____ = Dry Agg. Lbs. / Count _____

5" Gate Setting

Test 1: Full Weight _____ Empty Weight _____

Pounds of Rock _____ ÷ No of Counts_____= Lbs. per counts _____

Test 2: Full Weight _____ Empty Weight _____

Pounds of Rock _____ ÷ No of Counts_____= Lbs. per counts _____

Average Agg. Lbs. /count _____÷ Moisture Factor _____ = Dry Agg. Lbs. / Count _____

Micro-Surfacing Calibration Report
Calibration Summary Worksheet

Lbs. Emulsion per count of

1. Aggregate Belt (page 2) Emulsion Lbs. / Count _____

2. Lbs. Cement per count Cement Lbs. / Count _____

3. Calibration by % Emulsion

a. Fine Lbs. Aggregate per count required based on % Emulsion from Mix Design

b. Emulsion per count required (EM. P. C.) _____

c. % Emulsion from Mix Design (EM.) _____

Emulsion / Count (EM P.C) ÷ % Emulsion / Mix Design (EM) = Aggregate Lbs. / Count (AGG. P.C.)

(EM P.C.) _____ ÷ (EM) _____ = (Agg. P.C.) _____

Emulsion Scale Factor _____

Gate Setting _____