

Procedure Checklist

FM 5-509: Measurement of Pavement Smoothness with the 15-ft [4.572-m] Rolling Straightedge

		P	F	N/A
Procedure				
1.	The Contractor notified the Department that the project was ready for Straight-edging.			
2.	Representatives from the Department and Contractor were present.			
3.	A 15-foot Manual Straightedge was on the project and in good condition.			
4.	A 15-foot Rolling Straightedge was on the project and in good working condition.			
5.	The Manual Straightedge was checked with a string line for accuracy.			
6.	Free vertical movement of the center wheel was verified.			
7.	A flat area was located with the Manual Straightedge and the Rolling Straightedge checked.			
8.	The dial was checked to read "0" when placed on the flat surface and adjustments were made as required.			
9.	3/16 in. and 3/8 in. shims were used and the dial indications verified.			
10.	Straight-edging was performed on all lanes of constant width including construction joints.			
11.	The Department representative continuously observed the indicator for highs and lows in excess of 3/16 in.			
12.	Deficient areas were marked by the Contractor's representative with spray paint or other marking method.			
13.	The location and magnitude of deficiencies were recorded on a straightedge worksheet.			
14.	Proper maintenance of traffic was provided.			

Remarks: _____ **Comparison Criteria:** N/A

Date: _____ Technician: _____ IA Observer: _____

Technician's E-mail Address: _____

Employer's/ Supervisor's E-mail Address: _____