

FM 5-534 Thickness Determination in Soil-Aggregate Bases Procedure Checklist

		P	F	NA
Hole Inspection				
1.	The hole diameter was verified to be a minimum of 3 in. (75 mm)			
2.	Was the depth of the hole enough to clearly identify the bottom of the base?			
3.	All loose material was removed to clearly identify the bottom of the base.			
Measuring Depth				
4.	Depth was measured from top of the finished base to the subgrade.			
5.	Depth was measured perpendicular to the surface plane.			
6.	Measurement was rounded off and recorded to the nearest 0.1 in. (2.54 mm).			
Straightedge				
7.	Straightedge was placed parallel to centerline of the roadway.			
8.	Irregularities were determined using appropriate tool.			
9.	Irregularities not meeting specifications were identified.			
Template/Cross Slope				
10.	Was template used? Yes ___ (Steps 13 - 18)			
11.	Was string line used? Yes ___ (Steps 19 - 26)			
12.	Was any other method used? Yes ___ (Explain in Remarks)			
13.	TEMPLATE	Leveled area was identified to check correctness of template.		
14.		Template was checked for crown height.		
15.		Template was checked for straightedge.		
16.		Template was placed on center of the base.		
17.		Irregularities were measured using appropriate tool.		
18.		Irregularities not meeting specifications were identified.		
19.	STRING LINE	String line elevations were verified.		
20.		String line was observed for proper holding. (Sagging, etc.)		
21.		Height from top of base to string line was measured at crown.		
22.		Height from top of base to string line was measured at ends.		
23.		Height from top of base to string line was measured intermittently.		
24.		Base surface was checked for straightness using string or other appropriate tool.		
25.		Irregularities were measured using appropriate tool		
26.		Irregularities not meeting specifications were recorded		

Remarks: **Comparison Criteria: Hole Depth = ± 1" (25 mm)**

Date: _____ Technician: _____ IA Observer: _____

Technician's E-mail Address: _____

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