



WEST VIRGINIA DIVISION OF HIGHWAYS
Worksheet For Recording Marshall Test Sample Data
 For use with Forms T406 and T417

Lab Number:	Material Type:
Source:	Project:
T400 #:	Field Sample Number:
Compaction Temp.:	Number of Blows:
% Binder (Ignition Oven Ticket):	Date Sampled:
% Aggregate:	Date Completed:
Bulk Agg. Sp. Gr.:	Technician:
Oven Calibration Factor:	Marshall Sample Wt.:

Bulk Specific Gravity				Maximum Specific Gravity (Bowl Method)	
Specimen #	1	2	3	Sample Wt.	
Sample Wt.				Bowl + Sample in Water Wt.	
Sample in H ₂ O Wt.				Bowl Calibration Wt.	
SSD Wt.				Dry-Back Wt. (If Used)	

	1	2	3	Average Measured Stability & Flow
Specimen Thickness (mm)				
Correlation Ratio				
Measured Stability (N)				
Flow (0.25 mm)				

Before Ignition	1	2	3	4	Total
(A) Wt. of Basket + Sample					
(B) Wt. of Basket					
Sample Wt. = (A - B)					
After Ignition					
(C) Wt. of Basket + Agg.					
(D) Wt. of Basket					
Agg. Wt. = (C - D)					
Washed Grading					
(E) Sample + Pan Wt.					
(F) Pan Wt.					
Wt. After Wash = (E - F)					

Gradation Analysis (Weight Retained)					
Sieve Size	Pan 1	Pan 2	Pan 3	Pan 4	Total
50 mm					
37.5 mm					
25 mm					
19 mm					
12.5 mm					
9.5 mm					
4.75 mm					
2.36 mm					
1.18 mm					
600 µm					
300 µm					
75 µm					
Pan					