U.S. Department of Transportation
Federal Highway Administration
Federal Lands Highway

WORKSHEET FOR SIEVE ANALYSIS OF FINE AND COARSE AGGREGATE AASHTO T 11 AND AASHTO T 27

Project: _____ Source: _____ Sample no.: _____

Sample of: _____ Quantity represented: _____ Lot no.: _____

Sampled by: _____ Date: _____ Tested by: _____ Date: _____

MOISTURE DETERMINATION		
Moisture Content	**Coarse**	**Fine**
(A) Mass of wet aggregate		
(B) Mass of dry aggregate		
(C) Mass of water (A-B)		
(D) % Moisture (C/B*100)		

PERCENT PASSING No. 200 (75 µm) SIEVE (P-200) WASH		
P-200 Content	**Coarse**	**Fine**
(E) Mass of wet aggregate		
(F) Mass of dry aggregate[1]		
(G) Mass of washed dry aggregate		
(H) Mass of No. 200 (75 µm) minus (F-G)		

REMARKS:

[1]Mass of dry aggregate and Total dry mass must agree within 0.3 percent. Total dry mass is used to compute percentages.

Coarse Aggregate Sieve Size	Retained			Total Passing (%)	Spec's
	Mass Wet	Mass Dry	%		
No. 4 (4.75 mm)					
No. 4 minus					
Total sample mass					

Fine Aggregate Sieve Size	WASHED FROM COARSE				DRY No. 4 (4.75 mm) MINUS				Total Passing (%)	Spec's
	Retained		Percent Passing	Adjusted % Passing	Retained		Percent Passing	Adjusted % Passing		
	Mass Dry	%			Mass Dry	%				
No. 4 (4.75 mm)										
Pan										
Mass P-200 (H)										
Total P-200										
Total dry mass[1]										

Form FHWA 1621 (Rev 02-07)