

Aggregate and Rock Testing					
TESTS	ASTM	AASHTO	ATM	USACE	RAILROAD
Maximum Index Density (Proctor)	D698	T99			
	D1557	T180			
Sieve Analysis	C136	T27			
	D6913	T11			
	C117	T88			
Hydrometer Analysis with Assumed SP.G (frost class/24-hour)	D422	T88			
Specific Gravity and Absorption of Coarse and Fine Aggregates	C127	T84			
	C128	T85			
Specific Gravity of Rock	D6473				
Fracture Count	D5821	T335	305		
Degradation of Aggregates			313		
Sulfate Soundness of Aggregates	C88	T104			
Sulfate Soundness of Rock	D5240				
L.A. Abrasion with or without Crushing	C131	T96			
	C535				
Mill Abrasion with Crushing					STP 1177
Mill abrasion without Crushing					STP 1177
Freeze/Thaw Durability of Aggregate or	D5312	T103			
Wet/Dry Durability of Rock	D5313				
Ethylene Glycol Durability of Aggregate or Rock			314	CRD-C-148-69	
Unit Weight of Aggregates	C29	T19			
Clay Lumps and Friable Particles	C142	T112			
Flat and Elongated Particles	D4791	T306			
Chloride (Salt) Content*	In House Method				
Organic Content by Loss on Ignition	D2974		203		
Organic Impurities	C40	T21			
Resistivity	G57				
CBR	D1883				
Sand Equivalent	2419	T176			
Slake Durability	D4644				
Flat and Elongated Particles	D4791		306		
Lightweight Particles	C123				
Uncompacted Void Content	C1252	T304			