SECTION 840 CRUSHED AGGREGATE FOR MAINTENANCE STOCKPILES

840.1 GENERAL REQUIREMENTS

The crushed gravel shall consist of hard, clean, heavy, durable fragments, free of dirt, vegetable, and foreign materials.

840.2 SPECIFIC REQUIREMENTS

The crushed gravel when mixed with filler, sand, crushed rock, or crushed stone shall meet the following gradation and quality requirements:

Percentage by Dry Weight Passing Designated Sieves

Sieve Designation	Type 2 A	Type 2 B	Type 1 A	Type 1 B
¾ inch (16.0 mm)			100	100
½ inch (12.5 mm)	100	100		
3/8 inch (9.50 mm)	70 - 95	70 - 100	70 - 90	70 - 100
No. 4 (4.75 mm)	50 - 80	50 - 85	50 - 72	50 - 80
No. 8 (2.36 mm)	35 - 64	38 - 68	35 - 55	38 - 64
No. 40 (425Fm)	12 - 32	15 - 35	14 - 32	14 - 32
No. 200 (75Fm)	4.0- 12.0	4.0-15.0	4.0-10.0	4.0-12.0
Plasticity Index (Max.)	6	6	6	6
Liquid Limit (Max.)	25	25	25	25
Abrasion Loss (Max.)	40	40	40	40
Soundness Loss (Max.)	*		*	
Shale Content (Max.)	**		**	

Sampling and Testing:

Sampling..... SD 201
Gradation..... SD 202
L.L. & P.I..... SD 207
LA Abrasion..... AASHTO T 96
Soundness Test (Sodium Sulfate Solution, five cycles) ..... SD 220
Shale Content (less than 1.95 S.G.)..... SD 208

* Sodium Sulfate Soundness:	+ #4 sieve (4.75 mm) Sieve	15% Max.
	- #4 sieve (4.75 mm) Sieve	15% Max.
**Shale Content(less than 1.95 S.G.):	+ #4 sieve (4.75 mm) Sieve	2.0% Max.
	- #4 sieve (4.75 mm) Sieve	2.0% Max.