

882.1 GENERAL REQUIREMENTS

The aggregate for granular bases and surfacing shall consist of sound durable particles of gravel and sand, may include limited amounts of fine soil particles, but shall be free of sod, roots, vegetation, wood, paper, metal, glass, and other foreign objectionable material. The physical characteristics and quality of the materials shall conform to the specifications for the particular material required by the contract.

882.2 SPECIFIC REQUIREMENTS

Granular material of which 30% of the particles retained on the No. 4 sieve shall contain one or more fractured faces.

Aggregates for granular bases and surfacing shall conform to the requirements of Table 1.

TABLE 1

REQUIREMENT	Subbase	Gravel Cushion	Aggregate Base Course	Limestone Ledge Rock		Gravel Surfacing
				Base Course	Gravel Cushion	
SIEVE	PERCENT PASSING					
2" (50 mm)	100					
1" (25.0 mm)	70-100		100	100		
3/4" (19.0 mm)		100	80-100	80-100	100	100
1/2" (12.5 mm)			68-91	68-90		
No. 4 (4.75 mm)	30-70	50-75	46-70	42-70	46-70	50-78
No. 8 (2.36 mm)	22-62	38-64	34-58	29-53	29-53	37-67
No. 40 (425 μm)	10-35	15-35	13-35	10-28	10-28	13-35
No. 200 (75 μm)	0.0-15.0	3.0-12.0	3.0-12.0	3.0-12.0	3.0-12.0	4.0-15.0
Liquid Limit Max		25	25	25	25	
Plasticity Index	0-6	0-6	0-6	0-3	0-3	4-12
L.A. Abra. Loss, max.	50	40	40	40	40	40
Foot Notes		2	1,2			
Processing Required	crushed	crushed	crushed	crushed	crushed	crushed

FOOT NOTES:

1. The fraction passing the No. 200 (75 μm) sieve shall not be greater than 2/3 of the fraction passing the No. 40 (425 μm) sieve. In no case shall the upper limit specified for the No. 200 (75 μm) sieve be exceeded.
2. Requirements include quarried ledge rock.

882. 3 SAMPLING & TESTING

Sampling	SD 201
Gradation	SD 202
Liquid Limit and Plasticity Index	SD 207
L.A. Abrasion Test	AASHTO T 96
Crushed Particles.....	SD 211