

## SECTION 882 AGGREGATES FOR GRANULAR BASES AND SURFACING

### 882.1 GENERAL REQUIREMENTS

The aggregate for granular bases and surfacing shall consist of sound durable particles of gravel and sand, with which may be included limited amounts of fine soil particles. 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 (4.75 mm) 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	56-70	50-78
No. 8 (2.36 mm)	22-62	38-64	34-58	29-53	29-53	37-67
No. 40 (425 Fm)	10-35	15-35	13-35	10-28	10-28	13-35
No. 200 (75 Fm)	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		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

## AGGREGATES FOR GRANULAR BASES & SURFACING

### FOOT NOTES:

1. The fraction passing the No. 200 (75F m) sieve shall not be greater than 2/3 of the fraction passing the No. 40 (425F m) sieve. In no case shall the upper limit specified for the No. 200 (75F m) 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