

TABLE II-13  
Asphalt Concrete Mixtures: Design Range<sup>1</sup>

| Mix Type      | Percentage by Weight Passing Square Mesh Sieves |          |        |         |                  |         |         |       |        |        |         |
|---------------|---|----------|--------|---------|------------------|---------|---------|-------|--------|--------|---------|
|               | 2 in  | 1 1/2 in | 1 in   | 3/4 in  | 1/2 in           | 3/8 in  | No. 4   | No. 8 | No. 30 | No. 50 | No. 200 |
| SM-9.0 A,D,E  |   |          |        |         | 100 <sup>2</sup> | 90-100  | 90 max. | 47-67 |        |        | 2-10    |
| SM-9.5 A,D,E  |   |          |        |         | 100 <sup>2</sup> | 90-100  | 80 max. | 38-67 |        |        | 2-10    |
| SM-12.5 A,D,E |   |          |        | 100     | 95-100           | 90 max. | -       | 34-50 |        |        | 2-10    |
| IM-19.0 A,D   |   |          | 100    | 90-100  | 90 max.          | -       | -       | 28-49 |        |        | 2-8     |
| BM-25.0 A,D   |   | 100      | 90-100 | 90 max. | -                | -       | -       | 19-38 |        |        | 1-7     |
| C (Curb Mix)  |   |          |        |         | 100              | 92-100  | 70-75   | 50-60 | 28-36  | 15-20  | 7-9     |

<sup>1</sup>SM = Surface Mixture; IM = Intermediate Mixture; BM = Base Mixture; C = Curb Mixture.

<sup>2</sup>A production tolerance of 1% will be applied to this sieve regardless of the number of tests in the lot.