**Plan Note - Modified 442 19mm Gradation**

Item 442 – Asphalt Concrete Intermediate Course, 19mm, Type A (446), As Per Plan

On this project supply a 19mm Intermediate Course meeting the requirements of 442 except as modified below.

Modify Table 442.02-2 as follows:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sieve Size** | | 9.5 mm mix | 12.5 mm mix | 19 mm mix |
| **Total Percent Passing** | | |
| 1 1/2 inch | (38 mm) | – | – | 100 |
| 3/4 inch | (19 mm) | – | 100 | 95 to 100 |
| 1/2 inch | (12.5 mm) | 100 | 95 to 100 | 90 to 100 |
| 3/8 inch | (9.5 mm) | 90 to 100 | 96 max | 96 max |
| No. 4 | (4.75 mm) | 70 max | 52 to 65 | 60 max |
| No. 8 | (2.36 mm) | 34 to 52 | 34 to 45 | 34 to 45 |
| No. 200 | (75 µm) | 2 to 8 | 2 to 8 | 2 to 8 |

Modify Table 442.02-3 as follows:

Apply 14.0 for VMA (percent minimum) for a 19mm mix.

Apply 5.3 percent for the minimum total asphalt binder content for a 19mm mix.

Modify the 442 Intermediate course requirements of Tables 401.04-1 and 401.04-2 as follows:

Apply 3.5 percent for the total Virgin Asphalt Binder Content, Minimum.

Use a PG 64-22 if using 25 percent or less RAP. Use PG 64-28 if using greater than 25 percent RAP.