TABLE OF CONTENTS

3.19  PRIME COATS AND TACK COATS ............................................................................................................. 2
3.19.1 DESCRIPTION ............................................................................................................................................. 2
3.19.2 PRIME COAT ............................................................................................................................................. 2
3.19.3 TACK COATS (OVER ASPHALT BASE) ................................................................................................. 2
3.19 PRIME COATS AND TACK COATS

3.19.1 DESCRIPTION
Prime coat is the application of bituminous material to previously prepared granular base course prior to placing asphalt surfacing.

Tack coat is the application of asphalt material to a previously constructed paving surface of any type in preparation for placing asphalt surfacing, and against curb gutter faces, manholes, valves and other appurtenances in the street to be paved.

3.19.2 PRIME COAT
The bituminous material for priming the granular base course is to be liquid asphalt. The asphalt types may vary from M.C. 30 to M.C. 250; from SS-1 to SS-1H or an emulsified asphalt primer to suit the conditions of the base. The rate of application may vary from 0.50 to 1.00L/sq.m. Temperature of application is to fall within the following limits:

**Medium Curing Asphalt:**
- M.C. 30 - 51 to 70 degrees Celsius
- M.C. 70 - 75 to 90 degrees Celsius
- M.C. 250 - 100 to 110 degrees Celsius

**Emulsified Asphalt:**
- SS-1 - 25 to 55 degrees Celsius
- SS-1H - 24 to 54 degrees Celsius

**Emulsified Asphalt Primer:**
- 15 to 50 degrees Celsius

3.19.3 TACK COATS (OVER ASPHALT BASE)
The asphalt for the tack coat may vary from SS-1 to SS-1H and from R.C. 30 to R.C. 250, depending on conditions to suit the base. The rate of application is to be 0.25 to 0.90L/sq.m. Temperature of application is to fall within the following limits:

**Rapid Curing Asphalt:**
- R.C. 30 - 50 to 70 degrees Celsius
- R.C. 70 - 75 to 90 degrees Celsius
- R.C. 250 - 100 to 110 degrees Celsius

**Emulsified Asphalt:**
- SS-1 - 24 to 54 degrees Celsius
- SS-1H - 24 to 54 degrees Celsius

Page 3.19 - 2

November, 2020