

**SECTION 02740
ASPHALT PAVEMENT**

PART 1 - GENERAL

1.1 SUMMARY

- .1 Provide asphalt paving, base and sub - base courses for vehicle traffic areas as shown on the site plan.
- .2 Where paving is not retained by a concrete retaining wall, thicken the first 12 inches from the edge to 5 inches in depth. Saw cut or tamp edges for a clean straight edge.

1.2 QUALITY ASSURANCE

- .1 Conform to Master Municipal Construction Document requirements.
- .2 Consultant to specify independent testing and submittal requirements for roadbase compaction, asphalt mix and installation.
- .3 Coordinate operations with Owner's appointed inspection and testing agency.

PART 2 - PRODUCTS

2.1 MATERIALS

- .1 Sub-base course: 75 mm minus pit run sand and gravel with less than 5% fines passing 75 micrometre sieve. Place and compact to 100% Modified Proctor Maximum Dry Density (MPMDD).
- .2 Base course: 19 mm (3/4") minus crushed gravel with less than 5% fines passing 75 micrometre sieve. Place and compact to 100% Modified Proctor Maximum Dry Density (MPMDD).
- .3 Asphaltic Concrete: Hot mix, dense graded, penetration 80-100 conforming to Upper Course #1 of the MM CD or Class 1 medium mix of Ministry of Transportation or local municipal specification. Provide 9000N stability.

PART 3 - EXECUTION

3.1 INSTALLATION

- .1 Driveway: van traffic.
 - .1 Native subgrade of hard clay. All topsoil and existing fill should be stripped. Surface of the stripped subgrade to be scarified to 150mm depth, then wetted and compacted to at least 95% Proctor density using a large roller.
 - .2 Non-woven filter cloth on suitably prepared subgrade.
 - .3 Lay sub-base course gravel to a minimum of 300 mm (12") well-graded, pit run gravel meeting MMCD specifications, compacted to 100% maximum Standard Proctor dry density.
 - .4 Lay base course gravel to a minimum of 100 mm (4") road base meeting MMCD specifications, compacted to 100% maximum Standard Proctor dry density.
 - .5 Lay asphalt paving in one layer of 75 mm (3") thickness.

END OF SECTION