

Part 1 General

1.1 SECTION INCLUDES

- .1 Asphaltic concrete paving.
- .2 Surface sealer.

1.2 REFERENCES

- .1 City of Winnipeg Standard Construction Specification – CW 3410-R10.
- .2 City of Winnipeg Standard Construction Specification CW 3110-R18 for Sub-Grade, Sub-Base and Base Course Construction.

1.3 PERFORMANCE REQUIREMENTS

- .1 Paving: Designed for sidewalk use.

1.4 SUBMITTALS FOR INFORMATION

- .1 Section 01 33 00: Submittal Procedures.

1.5 CLOSEOUT SUBMITTALS

- .1 Section 01 78 00: Closeout Submittals.

1.6 QUALITY ASSURANCE

- .1 Perform Work in accordance with City of Winnipeg Standard Construction Specification CW3410-R10.
- .2 Mixing Plant: Conform to the City of Winnipeg Standard Construction Specification CW3410-R10.
- .3 Obtain materials from same source throughout.

1.7 REGULATORY REQUIREMENTS

- .1 Conform to applicable code for paving work on private property.

1.8 ENVIRONMENTAL REQUIREMENTS

- .1 Do not place asphalt when ambient air or base surface temperature is less than 4 °C, or surface is wet or frozen.

Part 2 Products

2.1 MATERIALS

- .1 Asphalt Cement: In accordance with City of Winnipeg standards.

- .2 Aggregate for Asphalt Mix: In accordance with City of Winnipeg standards.
- .3 Tack Coat: Emulsified asphalt. In accordance with City of Winnipeg standards.

2.2 ASPHALT PAVING MIX

- .1 Use dry material to avoid foaming. Mix uniformly.
- .2 Type 1A Asphalt mix in accordance with City of Winnipeg standards.

2.3 SOURCE QUALITY CONTROL AND TESTS

- .1 Mix design to conform with the City of Winnipeg Standards.

Part 3 Execution

3.1 EXAMINATION

- .1 Section 01 71 00: Verify existing conditions before starting work.
- .2 Verify base conditions to Section 01 73 00.
- .3 Verify gradients and elevations of base are correct.

3.2 PREPARATION - PRIMER

- .1 Apply primer in accordance with City of Winnipeg standards.

3.3 PREPARATION - TACK COAT

- .1 Apply tack coat in accordance with City of Winnipeg standards.

3.4 PLACING ASPHALT PAVEMENT - SINGLE COURSE

- .1 Install Work in accordance with City of Winnipeg standards.
- .2 Place asphalt within 24 hours of applying primer or tack coat.
- .3 Place to 50 mm compacted thickness.
- .4 Install catch basin frames and covers in correct position and elevation.
- .5 Compact pavement by rolling to specified density. Do not displace or extrude pavement from position. Hand compact in areas inaccessible to rolling equipment.
- .6 Perform rolling with consecutive passes to achieve even and smooth finish without roller marks.

3.5 TOLERANCES

- .1 Section 01 73 00.

- .2 Flatness: Maximum variation of 10 mm measured with 3 m straight edge in accordance with the City of Winnipeg Standards.
- .3 Scheduled Compacted Thickness: In accordance with the City of Winnipeg Standards.
- .4 Variation From Design Elevation: In accordance with the City of Winnipeg Standards.

3.6 FIELD QUALITY CONTROL

- .1 Section 01 45 00: Field inspection and testing.
- .2 Take samples and perform tests in accordance with City of Winnipeg standards.

3.7 PROTECTION OF FINISHED WORK

- .1 Section 01 78 40: Protecting installed work.
- .2 Immediately after placement, protect pavement from mechanical injury until surface temperature has cooled to atmospheric temperature.

END OF SECTION