

## Cut Permit Working Requirements

An inspector from the City's Engineering Department must be on site prior to installation of any asphalt, and should be contacted 48 hours prior to the work. (William Cartwright 613-546-4291 ext. 3113)

Hot mix asphalt type as specified. The surface course to be placed in a 40mm lift. Asphalt shall be installed with attention paid to grade and ride. Inappropriate installation will be rejected and reinstatement required.

All granular material, whether used as backfill in the trench excavation or as road base, shall be compacted to 100% Standard Proctor Density.

No contractor shall leave materials on City streets for an undue period of time during the construction period. At the end of the construction period, the area will be left orderly and clean.

All persons involved in any work in the area must ensure that there is no damage to any awning, post or other standing construct. All damage to City or private property shall be promptly repaired and restored to the satisfaction of the Director of Transportation. This will include the restoration of any damaged pavement area to its original consolidated thickness and all ditches, culverts and driveway entrances.

Any person excavating on a street or part of the road allowance shall adhere to the guidelines of the Ministry of Transportation's Manual of Uniform Traffic Control and Construction Regulations.

The contractor must ensure that access to all private and public properties is maintained and at least half of the traveled portion of the road remains open at all times. Expedition of work and provision of temporary bridging may be necessary to reduce inconvenience to motor traffic and pedestrians.

A person may not blast within 3m of a water main, gas main, sewer, underground duct, or any electric pole or telephone pole. If blasting is required experienced personnel, approved by Utilities Kingston, must supervise the blasting.

In boulevard and lawn areas, the contractor shall exclude from back fill-frozen material, organic matter, rock larger than will pass through a 30cm ring, silt, mud or clay in fluid state. Where necessary, part of all of the excavated material shall be replaced by sand or crushed stone.

When constructing or connecting a utility service in any street or public place, there must be full compliance with requirements for all Utilities.

An "as-built" drawing must be forwarded to the Engineering Department upon completion (size and referenced topographic feature)

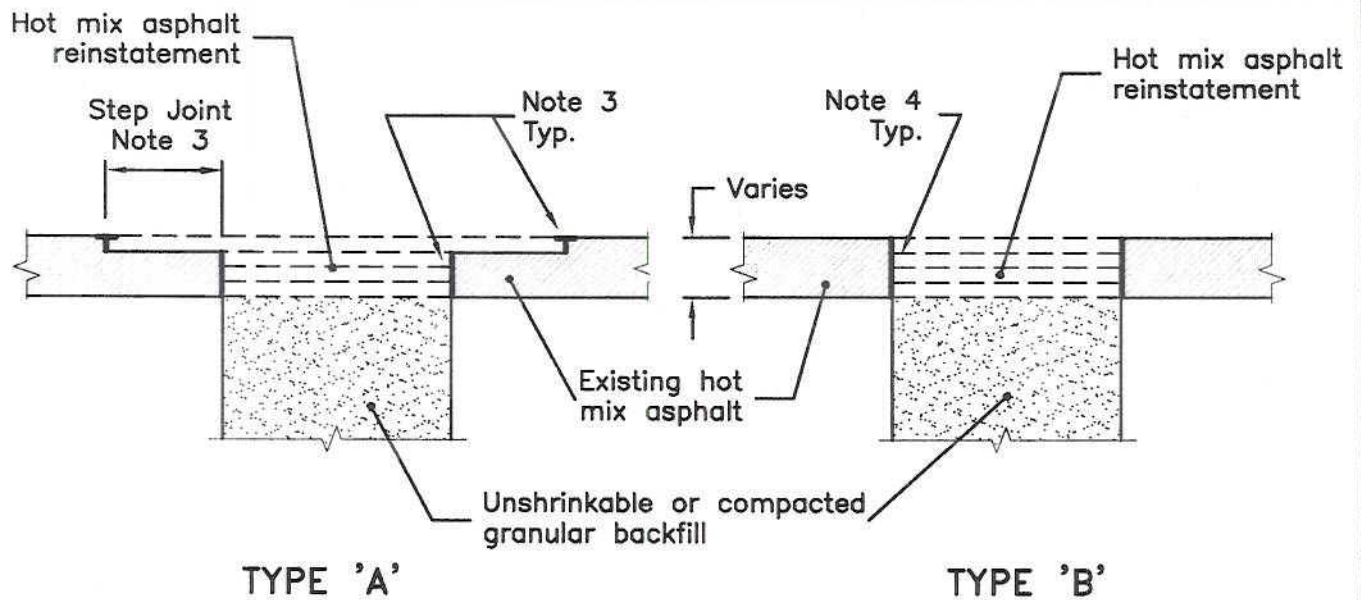
All contractors will temporarily reinstate the road and sidewalk surface with cold mix asphalt and leave the work area prepared for inspection.

## Standard Archaeological Clause

- 1) In the event that deeply buried or previously undiscovered archaeological deposits are discovered in the course of development or site alteration, all work must immediately cease and the site must be secured. The Cultural Program Branch of the Ministry of Tourism and Culture (416-314-7123) and the City of Kingston's Planning and Development must be immediately contacted (613-546-4291 ext 3180).
- 2) In the event that human remains are encountered, all work must immediately cease and the site must be secured. The Kingston Police (613-549-4660), the Registrar of Cemeteries Regulation Section of the Ontario Ministry of Consumer Business Services (416-326-8494), the Cultural Program Branch of the Ministry of Tourism and Culture (416-314-7123), and the City of Kingston's Planning and Development Department must be immediately contacted (613-546-4291 ext 3180).

**If the property is located within an Archaeologically Sensitive Area (ASA) that has not previously been assessed, the following clauses apply:**

- 1) The proponent shall carry out an archaeological assessment of the entire development property and mitigate, through preservation or resource removal and documentation, adverse impacts to any significant archaeological resources found. No demolition, grading or other soil disturbances shall take place on the subject property prior to the approval authority confirming that all archaeological resource concerns have met resource conservation requirements. The property will be assessed by a consultant archaeologist, licensed by the Ministry of Tourism and Culture under the provisions of the *Ontario Heritage Act* (R.S.O. 1990); and any significant sites found will be properly mitigated (avoided or excavated), prior to the initiation of construction, servicing, landscaping or other land disturbances.
- 2) The consultant archaeologist must submit 1:10,000 scale mapping that clearly outlines the limits of the property subject to assessment and the locations of any new archaeological site locations; and a copy of the relevant assessment report(s) all to the Planning and Development Department. The reports must be submitted with the Ministry of Tourism and Culture review and acceptance letter.
- 3) No Stage 4 archaeological investigations on Aboriginal sites should be undertaken within the City of Kingston without first filing a First Nations consultation report with the Planning and Development Department.



- TYPE 'A'**
1. All collectors and arterials, unless otherwise advised by the City's Engineering Department.
  2. Local streets that have been reconstructed or overlaid within the last 5 years.

**TYPE 'B'**

All other roadways (not meeting Type 'A' conditions) or roadways that will be reconstructed within the next year.

### REINSTATEMENT DETAILS

#### NOTES:

- 1 Hot mix asphalt type as specified. The surface course to be placed in a 40mm lift. Asphalt shall be installed with attention paid to grade and ride. Inappropriate installation will be rejected and reinstatement required.
- 2 All granular material, whether used as backfill in the trench excavation or as road base, shall be compacted to 100% Standard Proctor Density.
- 3 (Type 'A')  
The step joint shall be 500mm min. wide and 40mm deep. A step joint is not required for pavement depths less than 80mm.  
  
Apply Beram 3060 LM sealant to the vertical surfaces of the cuts and provide 50mm overbanding at the surface (i.e. crack seal)  
  
An inspector from the City's Engineering Department must be on site prior to installation of any asphalt, and should be contacted 48 hours prior to the work.
- 4 (Type 'B')  
An application of Tack Coat shall be applied to all vertical asphalt surfaces.

All dimensions are in millimetres or metres unless otherwise shown.

**CITY OF KINGSTON**  
Engineering Department  
*Infrastructure Management*

### **TRENCH REINSTATEMENT FOR UTILITY CUTS**

Date: 13 Feb 09

Drawing TRD-1