PART 1 GENERAL

1.1 REFERENCES

.1 Canadian Standards Association (CSA / CSA International)

.1 CSA S350- [FM1980 (R1998)], Code of Practice for Safety in Demolition of Structures.

1.2 MEASUREMENT PROCEDURES

.1 Removal of existing curbs will not be measured. Related cost shall be included on cost of new curb item.

.2 Removal and reinstallation of detection loop shall be included in asphalt pulverization costs. No compensation will be granted for this workor replacing the loop and no delay will be tolerated for replacing the loop.

1.3 DOCUMENTS/SAMPLES TO SUBMIT

.1 Submit shop drawings required 01 33 00 – Submittal procedures section.

.2 Upon competent authorities request, submit to the Ministerial Representative, for the purposes of approval, the drawings of shoring and bracing of the load-bearing walls or other walls prior to demolition. These drawings must be prepared by a qualified engineer authorized to practice in the province of Quebec, and they must show the proposed working method.

.3 Prior to the beginning of the work, submit a detailed plan for waste reduction section 01 74 21 - construction/demolition waste management and disposal, the information below.

.1 Nature and quantities of materials and materials recovery, reused, recycle and to discharge, expressed as a percentage.

.2 Calendar of selective demolition.

.3 Number of recovery buckets and location.

.4 Planned frequency of garbage collection

.5 Name and address of the waste treatment center.

1.4 MANAGEMENT AND DISPOSAL OF WASTE

.1 Sort the waste in ways to reuse them and their recycling according to section 01 74 21 - construction/demolition waste management and disposal.

1.5 EXISTING CONDITIONS

.1 Check the survey of designated hazardous materials and take the necessary measures to protect the environment.

.2 If a material similar to asbestos applied, by projection or trowel or even with other materials designated and listed as dangerous is discovered during the execution of the work, suspend all work, take the appropriate precautions and immediately notify the ministry Representative.

.1 Not to resume work before receiving instructions ministry Representative.

.3 Advise the Ministerial Representative of any blocked access to the building or discontinue the services.

PART 2 PRODUCT

.1 Not applicable.

PART 3 EXECUTION

3.1 PREPARATION

.1 Inspect site in the company of the Consultant, and check the location and extent of the elements which must be removed, eliminated, recovered, recycled, and those who must remain in place.

.2 Identify and protect utility lines and keep in good condition, those who are still in service in the field.

.3 Notify the utility companies and obtain these approvals required before demolition.

.4 Disconnect, stop or redirect, as appropriate, existing utilities located on the ground, pipelines that interfere with the execution of the work, in accordance with the requirements of the competent authorities. Identify the location of these pipes and those which had already been abandon on field, and to show on the (horizontal and vertical plans) after work execution plan. Support well, brace, maintain pipelines and encountered conduits.

.1 Immediately notify Consultant thus company utility concerned of any damage caused to a pipeline of utility intended to be kept.

.2 Immediately notify the engineer of the discovery of any non-listed utility line and wait for his written instructions concerning the measures to be taken in this regard.

.5 Identify observation tubes and piezometers in the pavement as shown on the plans.

3.2 PROTECTION

.1 Take the necessary measures to prevent displacement, subsidence or any other damage of the structures, utilities pipes, landscaping works of development and the parts of the building to preserve. Ensure the shoring and bracing of the necessary works.

.2 As much as possible limit the dust and noise produced by the work, and inconvenience to the occupants of the premises.

.3 Protect devices, systems and facilities mechanical and electrical building and utility lines.

.4 Provide anti-dusk screens, tarps, balustrade, media elements and other necessary protective devices.

.5 Perform the work according to provincial and federal health and security requirements. Most restrictive requirements prevail.

3.3 RECOVERY

.1 Refer to requirements and drawings of demolition to know what are the contents and materials to recover for their reuse.

.2 Remove the elements to be reused and store them according to the guidelines of the ministry representative and put them back in place in accordance with the requirements of the relevant section of the quote.

.3 Remove the detection loops as show on drawings before any Pulverization-Stabilization work.

3.4 REMOVAL

.1 Remove the elements and the listed works.

.2 Removal of hard coatings, curbs and gutters

.1 Cut at right angles adjacent areas not affected by the work, with a saw or other means approved by Consultant.

.2 Protect the load transfer devices and the adjacent joints.

.3 Protect granular materials underlying or adjacent to the area of work.

.3 In the case where it is not possible to preserve the detection loop where shown on drawings, advise the ministry Representative and disconnect the pipe and cable before pulverizing the road.

3.5 DEMOLITION

.1 Remove elements from the existing building, for the realization of the new construction. Sort materials for their reuse and recycling.

.2 Resize the shores of the partially demolished building components according to tolerances specified by Consultant to facilitate the implementation of the new elements.

3.6 ELIMINATION

.1 Unless otherwise specified, send removed materials organizations that reuse in accordance with the requirements of the competent authorities.

3.7 PARTIAL DEMOLITION

.1 Not applicable

END OF SECTION