

**E.1 PROJECT DESCRIPTION**

- A. **CONTRACT A:** This bid involves the replacement & extension of park paths within Pine Tree Park with new asphalt. Includes removal and disposal of existing asphalt, excavation and installation of geotextile fabric, stone subbase, 19.0 mm Superpave binder course, 9.5 mm Superpave wearing course, installing new removable steel bollards, site prep, traffic control, resident notification, clean up, and restoration.
- B. **CONTRACT B:** This bid involves the removal of the existing asphalt ~~paths within~~ Pine Tree Park and replacement with flexible porous pavement such as **PerkEpave** or an approved equal. Includes removal and disposal of existing asphalt, excavation and installation of geotextile fabric, stone subbase, porous flexible pavement, underdrain installation, installing new removable steel bollards, site prep, traffic control, resident notification, clean up, and restoration.
- C. The estimated quantities for each of these Contracts is listed in Section C of this document.

**E.2 EXCAVATION & SUBBASE INSTALLATION FOR ASPHALT WALKING PATH****(CONTRACT A)**

- A. The existing asphalt pavement section shall be completely excavated to subgrade and disposed of off-site. There will be no area within the Municipality to temporarily store excavated materials.
- B. Existing subgrade will be examined by both the Contractor and Engineer. If it is determined that the existing asphalt base is unsuitable, it shall be excavated, and an engineered base will be constructed.
- C. The existing walking path and the proposed new walking path section shall be excavated to a depth of approximately nine (9") inches from existing grade (refer to the included detail). The subgrade shall be prepared by compacting the existing subgrade soil with a mechanical compacting device to assure compaction.
- D. A layer of Class IV geotextile fabric will be installed as a barrier between the existing soil subgrade and the engineered base.
- E. The Contractor shall install four (4") inches of AASHTO No. 57 crushed limestone measured after compaction. This stone base should be installed with a 2% max cross-slope so that the final asphalt wearing course reflects the same 2% max cross-slope and promotes positive drainage of stormwater.
- F. All stone and subgrade materials shall be compacted with a mechanical compaction device to assure compaction. Only bomag rollers, paving rollers or mechanical wackers are to be used to compact materials. If any other piece of equipment is used for this purpose, the material will be removed and installed in accordance with this specification at the Contractor's expense.