Part 1 GENERAL

1.1 Source Sampling

.1 Inform *Departmental Representative* of proposed source of aggregates and provide access for sampling.

.2 If requested, at least 1 week prior to commencing work submit samples of following materials proposed for use:

.1 One 5-liter container of asphalt cement.

.3 If materials have been tested by an independent testing laboratory within previous 2 months and have successfully passed tests equal to requirements of this specification, disregard above instructions and submit test certificates from testing laboratory showing suitability of materials for this project.

Part 2 PRODUCTS

2.1 Materials

.1 All materials to meet the Prince Edward Island Department of Transportation, Infrastructure and Energy (PE TIE) specification for asphaltic concrete. Mix type “A-Base” and type “B-Seal” for all paving surfaces including transition ramp, site reinstatements, and electrical reinstatements.

.2 The contractor shall supply previous test results of the proposed materials for review and approval.

.3 Submit job mix formula to *Departmental Representative* for approval. Design of mix to meet PE TIE specification. Do not change job-mix without prior approval. Should change in material source be proposed, a new job-mix formula shall be provided to the *Departmental Representative*.

Part 3 EXECUTION

3.1 General

.1 Requirements for the plant and equipment used and the mixing, transportation, placing, compaction and rolling of the materials to meet PE TIE specification unless otherwise indicated or directed.

3.2 Preparation

.1 Reshape granular bed as required to attain proper drainage as directed.

.2 Place asphaltic concrete to depths, widths and lines as indicated or directed by the *Departmental Representative*.

.3 An average thickness of 125 mm of asphalt will be placed over the new granular base material for transition ramp.

3.3 Placing

.1 Place asphaltic concrete to depths, widths and lines indicated or as directed by the *Departmental Representative*.

.2 The maximum thickness of asphalt to be placed per lift is 63.5 mm.

3.4 Finish Tolerances

.1 Finished asphalt surface to within 5 mm of design elevation but not uniformly high or low.

.2 Finished asphalt surface not to have irregularities exceeding 5 mm when checked with a 4 m straight edge placed in any direction.

.3 Finish surface smooth, true to grade to following tolerances:

.1 Base Course: 7 mm in 3m.

.2 Seal Course: 3 mm in 3m.

3.5 Defective Work

.1 Correct irregularities which develop before completion of rolling by loosening surface mix and removing or adding material as required. If irregularities or defects remain after final compaction, remove surface course promptly and lay new material to form a true and even surface and compact immediately to specified density.

.2 Repair areas showing checking or hairline cracking.

END OF SECTION