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PART 1 - GENERAL

- 1.1 Work Included .1 This section specifies the requirements for the asphaltic concrete planing and profiling. The Work consists of the furnishing of all materials, tools, equipment and labour required for the planing/ profiling and removal of asphaltic concrete and Portland Cement concrete from existing roadways.
- .2 Those materials which are not specified and/or indicated but are necessary for the complete installation of the work shall be deemed the responsibility of the Contractor and shall be included at no extra cost to the Contract.
- 1.2 Work Excluded .1 Adjustment of underground appurtenance and structures.
- 1.3 Related Sections .1 S-1 Specification for Hot Mix Asphaltic Concrete.
- .2 S-2 Specification for Performance Graded Asphalt Binder.
- 1.4 Codes, Bylaws, Ordinances and, Regulations .1 All work covered by this section shall be performed according to applicable Halifax Regional Municipality Codes, bylaws, Ordinances, and Regulations.
- .2 Nova Scotia Department of Transportation and Infrastructure Renewal "Temporary Work Place Traffic Control Manual" (latest revision).
- .3 HRM Traffic Control Manual Supplement.

PART 2 - PRODUCTS

- 2.1 Equipment .1 Cold planing machine or heater planer specifically designed for automatically controlled profiling to pre-assigned depths with the following capabilities:
- Automatic controls for accurately establishing profile grades at each edge of the machine by referencing from existing pavement or an independent grade reference.
 - Capable of automatically maintaining a designed cross slope from a single reference.
 - Self propelled with sufficient power, traction, and stability to maintain an accurate depth of cut.

- Equipped with means to control dust, excessive noise, fire and/or overheating of adjacent materials (i.e. trees, grass, hedges).

PART 3 - EXECUTION

3.1 General

- .1 Location, depth, width and grade as directed by Engineer.
- .2 Locate and protect from damage any appurtenances within the site, such as manhole covers, water valves, curb and gutters, etc.
- .3 Plane pavement surface so that surface remaining has a constant and continuous cross fall, and an even texture longitudinally and transversely.
- .4 Make transverse faces at end of work period vertical. Install temporary asphalt ramps to avoid traffic hazard. Asphalt ramps are to be installed before work is completed for the day, and before the area is opened to live traffic. Asphalt ramps to be constructed to at least a 20 to 1 horizontal to vertical ratio.
- .5 Clearly mark longitudinal faces at end of work period to avoid traffic hazard. Signing in accordance with the Temporary Workplace Traffic Control Manual (latest revision).
- .6 Do not disturb appurtenances such as manhole covers, water valves, etc. during planing/profiling operations. Clearly mark appurtenances to avoid a traffic hazard after planing/profiling operations are completed. Install temporary ramps to avoid traffic hazard.
- .7 Prior to excavation around any manhole within the workplace (existing or newly constructed as part of the tender), the contractor shall supply and install catchment devices in all manholes prior to work commencing on the manhole. Such catchment devices shall be constructed and installed in a manner so as not to impede the flows through the manhole and shall be removed after all work is completed.
- .8 Remove asphaltic or Portland cement concrete which cannot be removed by planing/profiling using other methods approved by the Engineer.

- .9 Clean up site prior to shutdown at the end of each working day.
- .10 Clearly mark longitudinal faces at end of work period to avoid traffic hazard.
- .11 Paving of Arterials and Major Collectors shall take place within one week from milling, unless directed by the Engineer.
- .12 Where hardware adjustments are not made within 48 hrs. on arterial and collector roadways, temporary asphalt ramps shall be installed at a ratio of 20 to 1.

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