Appendix 3

Drawing Requirements for Third Party Crossings

The information below is required to be submitted on drawings to Sun-Canadian for crossing approval. All drawings that are issued for construction near the pipeline must be approved by Sun-Canadian. Additional information may be required, so please contact Sun-Canadian early in your planning process.

1.   **CAUTION NOTE**: A warning statement should be placed so as to be plainly visible.

<u>**WARNING**</u> **High Pressure Oil Pipelines Pipeline Inspector**
MUST Be Present During Construction Contact:
Sun-Canadian Pipe Line Company Limited
72 hours before commencement of work
1-800-263-6641

2.   **Drawing number, Revision number, and Date.**

3.   **Dimensions in Metric units and /or Imperial Units.**

4.   **Description of Installation:**
   (a)   Indicate the location of all surfaces and buried installations associated with the crossing, including: pavement, guard rails, fences, subdrains, cables, walkways, berms, sewers, utilities etc.
   (b)   For surface installations indicate: surface and subgrade materials, maximum anticipated wheel loading, other data as applicable.
   (c)   For underground installations indicate: type of materials, diameters, maximum voltage, pressure, conduit structure dimensions, duct size and configuration, reinforcing details, as applicable.
   (d)   Indicate details of any protective measures required by Sun-Canadian Pipe Line Company Limited.

5.   **A plan view showing:**
   (a)   North Arrow
   (b)   Geographic Description (Lot, Concession, R-Plan, municipality, etc.)
   (c)   Pipeline location & diameter
   (d)   Pipeline right-of-way boundaries & dimensions,
   (e)   Dimensions of surface installations
   (f)   Crossing angle (as close to 90º as possible)

6.   **A profile view showing:**
   (a)   For surface installations a view along the pipeline
   (b)   For buried installations a view along the installation
   (c)   Depth of the pipeline and all buried installations
   (d)   Distance between the pipeline(s) and installations
   (e)   Pipeline right-of-way boundaries & dimensions