



## Technical Requirements Checklist for Crossing Submissions

This checklist document provides guidance to all third parties conducting construction activities along, across or within proximity to Pembina’s underground assets to ensure all required information is submitted when applying for third-party agreement(s). This activity also includes any heavy equipment and/or vehicles driving across Pembina buried infrastructure outside the traveled portion of a high-grade access or public road. Additional information may be required and could also be subject to change.

|   |   |                    |  |
|---|---|--------------------|--|
| <b>Introduction:</b>  |   |                    |  |
| Please complete this form and submit by email to: <a href="mailto:landrequests@pembina.com">landrequests@pembina.com</a> , along with all other applicable information. This checklist is required to process your request. Please complete all sections relevant to the activity taking place. Incomplete information will result in delays in issuing the agreement(s). |   |                    |  |
| Requesting Company:   |   |                    |  |
| Date of Request:  |   |                    |  |
| Contact Name:   |   |                    |  |
| Contact Email:  |   |                    |  |
| Contact Phone Number:   |   |                    |  |
| Grantee File Number:  |   |                    |  |
| Legal Land Location, Civic Address and/or Coordinates (decimal degree format):  |   |                    |  |
| Activity Start Date:  |   | Activity End Date: |  |
| Crossing Type(s):<br>(Check all that apply and complete corresponding checklist section)  | <input type="checkbox"/> Permanent Road Crossings<br><input type="checkbox"/> Pipeline Crossings<br><input type="checkbox"/> Cable Crossings<br><input type="checkbox"/> Overhead Powerline Crossings   |                    |  |
| Additional Construction Activity:<br>(These activities will require additional information upon request)  | <input type="checkbox"/> Temporary Vehicle and Heavy Equipment Crossings<br><input type="checkbox"/> Ditch Crossings<br><input type="checkbox"/> Fence Crossings<br><input type="checkbox"/> Pile or Structure Installations<br><input type="checkbox"/> Drain Tile Crossings<br><input type="checkbox"/> Culvert Crossings<br><input type="checkbox"/> Railway Request |                    |  |
| Please identify if your project will include any of the following within Pembina leases or crown disposition areas:   | <input type="checkbox"/> Lease Automatic Custody Transfer (LACT) Units<br><input type="checkbox"/> Valves<br><input type="checkbox"/> Launchers / Receivers<br><input type="checkbox"/> Processing Equipment  |                    |  |
| Additional Information:   |   |                    |  |



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| <b>Temporary Vehicle or Heavy Equipment Crossings:</b>   |   |  |                                       |
|--|---|--|---------------------------------------|
| Please utilize 'Pembina Weight Sheet User Guide' and 'Pembina Weight Sheet' for vehicle weight submissions for any vehicles or heavy equipment greater than ¾ tons which will drive across Pembina's buried infrastructure outside of the travelled portion of a high-grade access or public road. These documents can be found at: <b>Safety Around Pipelines (pembina.com)</b> . |   |  |                                       |
| <b>Road Crossings:</b>   |   |  |                                       |
| N/A:   | <input type="checkbox"/>  |  |                                       |
| Permanent or Temporary:<br>(Please indicate duration)  | <input type="checkbox"/> Included on plan   |  |                                       |
| Road Surface Material:<br>(i.e., Gravel, asphalt, etc.)  | <input type="checkbox"/> Included on plan   |  |                                       |
| Width of Proposed Road:  | <input type="checkbox"/> Included on plan   |  |                                       |
| Coordinates of beginning and end points of road<br>(decimal degree format):  | <input type="checkbox"/> Included on plan   |  |                                       |
| Existing Road Grade:   | <input type="checkbox"/> Included on plan   |  |                                       |
| Proposed Road Grade:   | <input type="checkbox"/> Included on plan   |  |                                       |
| Vibratory Compaction:  | <input type="checkbox"/> Included on plan   |  |                                       |
| Crossing Angle:<br>(90 degrees preferred)  | <input type="checkbox"/> Included on plan   |  |                                       |
| Ditch Crossing:  | <input type="checkbox"/> Yes  | <input type="checkbox"/> No            |                                       |
| <b>Pipeline Crossings:</b>   |   |  |                                       |
| N/A:   | <input type="checkbox"/>  |  |                                       |
| Pipeline Material:   | <input type="checkbox"/> Included on plan   |  |                                       |
| Pipeline Diameter:   | <input type="checkbox"/> Included on plan   |  |                                       |
| Wall Thickness:  | <input type="checkbox"/> Included on plan   |  |                                       |
| Type of Coating:   | <input type="checkbox"/> Included on plan   |  |                                       |
| Maximum Operating Pressure:  | <input type="checkbox"/> Included on plan   |  |                                       |
| Pipe Grade:  | <input type="checkbox"/> Included on plan   |  |                                       |
| Pipeline Product:  | <input type="checkbox"/> Included on plan   |  |                                       |
| Installation Method:<br>(i.e., Bore, Open Cut)   | <input type="checkbox"/> Included on plan   |  |                                       |
| Vibratory Compaction:  | <input type="checkbox"/> Included on plan   |  |                                       |
| Crossing Angle:<br>(90 degrees preferred)  | <input type="checkbox"/> Included on plan   |  |                                       |
| Vertical Separation between Facilities:  | <input type="checkbox"/> Included on plan   |  |                                       |
| Crossing Position:   | <input type="checkbox"/> Above Pembina<br>(Provide rationale)                         | <input type="checkbox"/> Under Pembina | <input type="checkbox"/> Above Ground |
| Cathodic Protection:<br>(Voltage and Current)  | <input type="checkbox"/> Included on plan   |  |                                       |
| Structures/Piles included in design?   | <input type="checkbox"/> No<br><input type="checkbox"/> Yes (Details on Plan/Drawing) |  |                                       |



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| <b>Cable Crossings and/or Paralleling Pembina's Facilities:</b>   |   |   |                                       |
|---|---|---|---------------------------------------|
| N/A:  | <input type="checkbox"/>                                      |   |                                       |
| Cable Type:<br>(i.e., Electrical, communications)   | <input type="checkbox"/> Included on plan                     |   |                                       |
| Cable Material:<br>(i.e., Copper, fibre optic)  | <input type="checkbox"/> Included on plan                     |   |                                       |
| Cable Insulator:  | <input type="checkbox"/> Included on plan                     |   |                                       |
| Conduit Material:   | <input type="checkbox"/> Included on plan                     |   |                                       |
| Conduit Diameter:   | <input type="checkbox"/> Included on plan                     |   |                                       |
| Cable Voltage:  | <input type="checkbox"/> Included on plan                     |   |                                       |
| Energization Date:  | <input type="checkbox"/> Included on plan                     |   |                                       |
| Installation Method:<br>(i.e., Bore, open cut)  | <input type="checkbox"/> Included on plan                     |   |                                       |
| Vibratory Compaction:   | <input type="checkbox"/> Included on plan                     |   |                                       |
| Crossing Angle:<br>(90 degrees preferred)   | <input type="checkbox"/> Included on plan                     |   |                                       |
| Vertical Separation between Facilities:   | <input type="checkbox"/> Included on plan                     |   |                                       |
| Crossing Position:  | <input type="checkbox"/> Above Pembina<br>(Provide rationale) | <input type="checkbox"/> Under Pembina          | <input type="checkbox"/> Above Ground |
| Paralleling Pembina?  | <input type="checkbox"/> Yes (Provide Length)                 | <input type="checkbox"/> No                     |                                       |
| <b>Overhead Power Transmission/Distribution Line(s) crossing or paralleling Pembina's Facilities:</b>                   |   |   |                                       |
| N/A:  | <input type="checkbox"/>                                      |   |                                       |
| Distribution or Transmission:   | <input type="checkbox"/> Distribution                         | <input type="checkbox"/> Transmission           |                                       |
| Type of Power:  | <input type="checkbox"/> DC (Direct Current)                  | <input type="checkbox"/> AC (Alternate Current) |                                       |
| Line Voltage:   | <input type="checkbox"/> Included on plan                     |   |                                       |
| Energization Date:  | <input type="checkbox"/> Included on plan                     |   |                                       |
| Distance of Grounding System/Element to Pembina:  | <input type="checkbox"/> Included on plan                     |   |                                       |
| Distance of Poles, Guy Wires, and/or Structures to Pembina:<br>(Provide details on Plan/Drawing)                        | <input type="checkbox"/> Included on plan                     |   |                                       |
| Crossing Angle:<br>(90 degrees preferred)   | <input type="checkbox"/> Included on plan                     |   |                                       |
| Section view drawing showing dimension of proposed height of the overhead cables (line to ground clearance) across ROW. | <input type="checkbox"/> Yes                                  | <input type="checkbox"/> No                     |                                       |
| Paralleling Pembina?  | <input type="checkbox"/> Yes (Provide Length)                 | <input type="checkbox"/> No                     |                                       |