

# Data Exchange Standard – Non-Standard – Alberta Township System Legal Land Description

Office of the Corporate Chief Information Officer, Strategy and Governance Branch

Version: 1.0

<b>Approved by:</b> Corporate Chief Information Officer	<b>Owner:</b> IMT Policy Program
<b>Approval date:</b> 2014-12-31	<b>Review date:</b> 2021-01-01
<b>Contact:</b> <a href="mailto:IMT.Policy@gov.ab.ca">IMT.Policy@gov.ab.ca</a>	<b>Policy Instrument type:</b> Technical Standard

**Contents**

Contents..... 2  
Standard Statement..... 3  
Authority ..... 3  
Scope ..... 3  
Standard Specification..... 3  
References and Supporting Resources ..... 5  
Appendix A..... 6

## Standard Statement

Data exchange standards are required to ensure the clarity and the accuracy of data exchanged between Government of Alberta (GoA) applications.

The standard below describes the GoA data standard for a Non-Standard Alberta Township System Legal Land Description shared between GoA applications. This standard defines the required components of a Non-Standard Alberta Township System legal description and applies to the exchange of the Non-Standard Alberta Township System information.

The Alberta Township System land description became effective in 1870 when the Dominion government defined the Township system. The Non-Standard Alberta Township System Legal Land Description is used when the Legal Land Description was defined prior to the Township system.

A separate standard has been defined for a Alberta Township System Legal Land Description.

The different address components between a Standard and Non-Standard Alberta Township System legal address description are as follows;

<b>Standard</b>	<b>Non-Standard</b>
<b>Alberta Township System</b>	<b>Alberta Township System</b>
Meridian	Meridian
Range	Range
Township	Township
Section	Survey Lot Number
Quarter Section	Survey Type
Legal Subdivision	

## Authority

Internal use only.

## Scope

This standard applies to all Ministries within the GoA.

## Standard Specification

The Non-Standard Alberta Township System Legal Land Description standard follows the Data Exchange Standard – Character Set (UTF-8).

Non-Standard Alberta Township System Legal Land Description

<b>Description</b>	Non-Standard Legal Land Description used for land which has not been subdivided in a city, town, village, or acreage subdivision.		
<b>Format</b>	<p><b>Meridian;Range;Township;SurveyLotNumber;SurveyLotType</b></p> <p>The Non-Standard Alberta Township System Legal Land Description is exchanged as one string.</p> <p>Each string must contain at a minimum the mandatory (bolded) fields identified for a Non-Standard Alberta Township System Legal Land Description.</p>		
	Meridian	<b>N1</b>	<p><b>Mandatory.</b></p> <p>One of three north/south lines used for longitudinal orientation. West of the 4<sup>th</sup>, 5<sup>th</sup>, or 6<sup>th</sup>.</p> <p>A single digit, e.g “4”, “5”, or “6”.</p>
	Range	<b>N2</b>	<p><b>Mandatory.</b></p> <p>A vertical column which falls between identified meridians.</p> <p>Up to two digit number range between 1 to 30.</p>
	Township	<b>N3</b>	<p><b>Mandatory.</b></p> <p>A horizontal row which crosses both Meridians and Ranges.</p> <p>Up to three digit number range between 1 to 126.</p>
	SurveyLotNumber	<b>C2</b>	<p><b>Mandatory.</b></p> <p>The survey lot number.</p> <p>Two character value using;</p> <ul style="list-style-type: none"> <li>• numbers from 0 to 9</li> <li>• capital letters A to Z</li> </ul>

	SurveyLotType	<b>C2</b>	<p><b>Optional</b></p> <p>The survey lot type.</p> <p>Up to two character value using capital letters A to Z.</p> <p><b>Type Values</b></p> <table border="1"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>HB</td> <td>Hudson Bay Reserves</td> </tr> <tr> <td>RL</td> <td>River Lots</td> </tr> <tr> <td>SL</td> <td>Settlement Lots</td> </tr> <tr> <td>OT</td> <td>Road Allowances</td> </tr> </tbody> </table>	Value	Description	HB	Hudson Bay Reserves	RL	River Lots	SL	Settlement Lots	OT	Road Allowances
Value	Description												
HB	Hudson Bay Reserves												
RL	River Lots												
SL	Settlement Lots												
OT	Road Allowances												

## References and Supporting Resources

- An Introduction to Alberta Land Titles.  
[http://www.servicealberta.gov.ab.ca/pdf/lt/Land\\_Titles\\_Introduction.pdf](http://www.servicealberta.gov.ab.ca/pdf/lt/Land_Titles_Introduction.pdf)
- Data Exchange Standard – Character Set (UTF-8).  
<https://imtpolicy.sp.alberta.ca/standards/Pages/Data-Exchange-Standard-Character-Set.aspx>
- Data Exchange Standard – Standard Alberta Township System Legal Land Description.  
<https://imtpolicy.sp.alberta.ca/standards/layouts/15/DocIdRedir.aspx?ID=SAU4XS6JAYRN-1770012109-66>

## Appendix A

Types of Standards	Description
<b>Technical Standard</b>	These are detailed, unique standards that have developed in response to government IMT policies. Technical standards are intended to be replicable, transferable, and adaptable across ministries and other government agencies. Examples of these could include address data standards or specifications for a single identifier for transacting with government electronically.
<b>Product Standard</b>	An IMT product or specific technology oriented standard that facilitates the task of planning for enhancements and acquisitions within the government's broad information systems environment. As a definitive list of the numerous technologies either employed or under evaluation by Workplace Technology Services, product standards are critical in establishing conformity, interoperability and interchange-ability. Examples of these could include a government-wide standard for document, record management and database, and the list of core products for government workstations.
<b>Process Standard</b>	An established, mandatory business practice that supports IMT projects and existing systems to improve the outcome, diminish risks, and increase reliability. Examples could include business continuity planning processes, threat risk assessment processes, etc.
<b>Reference Standard</b>	An IMT industry standard (either a national or international formal or de facto standard) that has been adopted for use by the Province of Alberta. A Reference Standard may be adopted either as stand-alone or as a precursor to a customized standard or policy document. Examples could include the 1024 bit RSA standard for public key encryption.