



Interest Parcels in ParcelMap BC

Organized by:

ParcelMap BC Adoption Working Group

April 6th, 2022

Part of the ICI Society's
Virtual Café series

Agenda

Introductions & Background (10 min) <i>Brian Greening (LTSA)</i>	10:00 am
Interest Parcels in ParcelMap BC: (35 min) – <i>Bryan Sawers and Sean Lyons (LTSA)</i> <ul style="list-style-type: none">• <i>Historic vs. Current Completeness</i>• <i>Types of interest parcels and their Representations</i>• <i>SRW Back-capture Projects</i>• <i>City of Kamloops Historical Interests Pilot Project</i><ul style="list-style-type: none">○ <i>Local Government Experience – Ryan Strank (City of Kamloops)</i>	10:10 am
Close Out, Questions & Discussion (15 min)	10:45 am

Welcome & Opening Remarks

Workshop

A [ParcelMap BC Adoption Working Group](#) resource, presented as part of the ICI Society Virtual Café series

Introductions

Brian Greening

Director, ParcelMap BC Products, LTSA

Bryan Sawers

Manager, ParcelMap BC Operations, LTSA

Ryan Strank

GIS Technician, City of Kamloops

Steve Mark

Director, Operations, ICI Society

Sean Lyons

Senior Fabric Technologist, LTSA

Irshad Jamal

Parcel Fabric Technician, LTSA

Welcome & Opening Remarks

Background

The [ParcelMap BC Adoption Working Group](#):

“Issues” (challenges & opportunities) identified related to the capture of “historic interest parcels”

AWG Participants recommended an info session to explore what “interests” are in ParcelMap BC

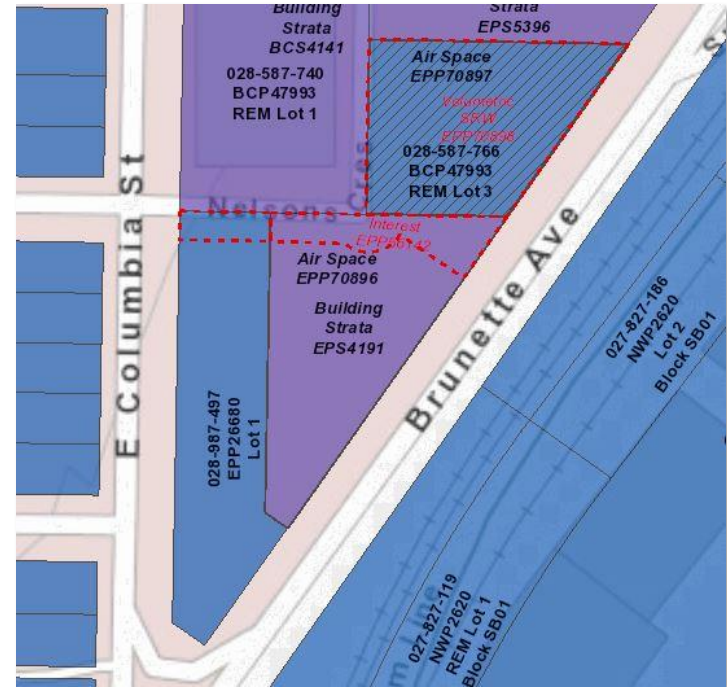
Interest Parcels: What do we mean?

Definition

An **interest parcel** defines a boundary for a **right of use of property**; less than fee simple ownership. This may denote multiple interests.

Interests or charges can be defined on Land Title Act plans, for example:

- *Section 99 Reference Plans*
- *Section 99 Explanatory Plans*
- *Section 67 Reference Plans*
- *Section 118 Statutory Right of Way Plans*
- *Section 113, 114, 115 SRW Plans*

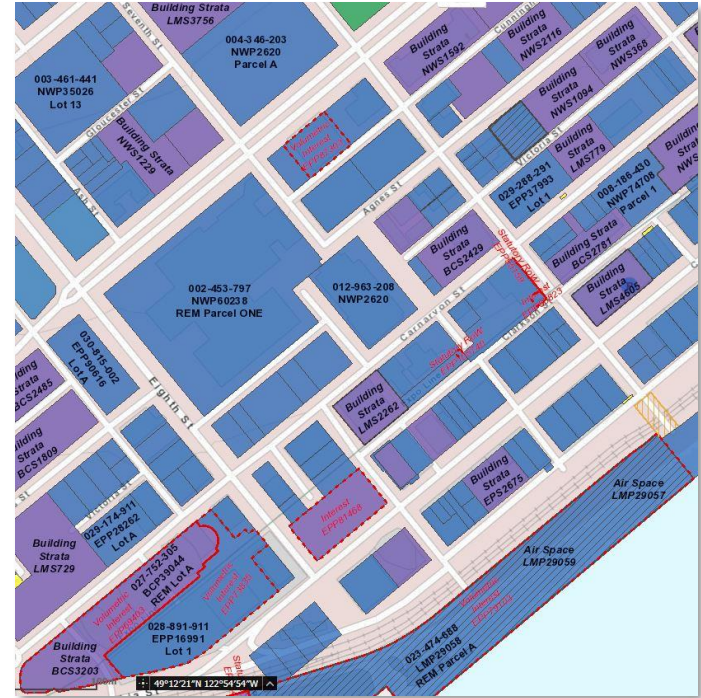


Interests in ParcelMap BC

Current Practice

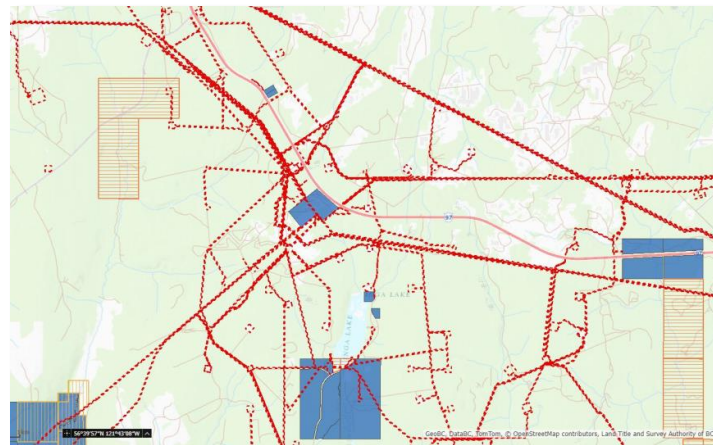
- ParcelMap BC includes a mapped representation of any new interest area based on the survey plan when that plan is deposited at the Land Title Office, including easements, SRWs, covenants, and leases of a portion of a parcel or parcels.

This also includes volumetric charges which will be mapped only to the boundary definition of the parent parcel(s) to which the charge applies.



Types of Interests Mapped as Parcels in ParcelMap BC

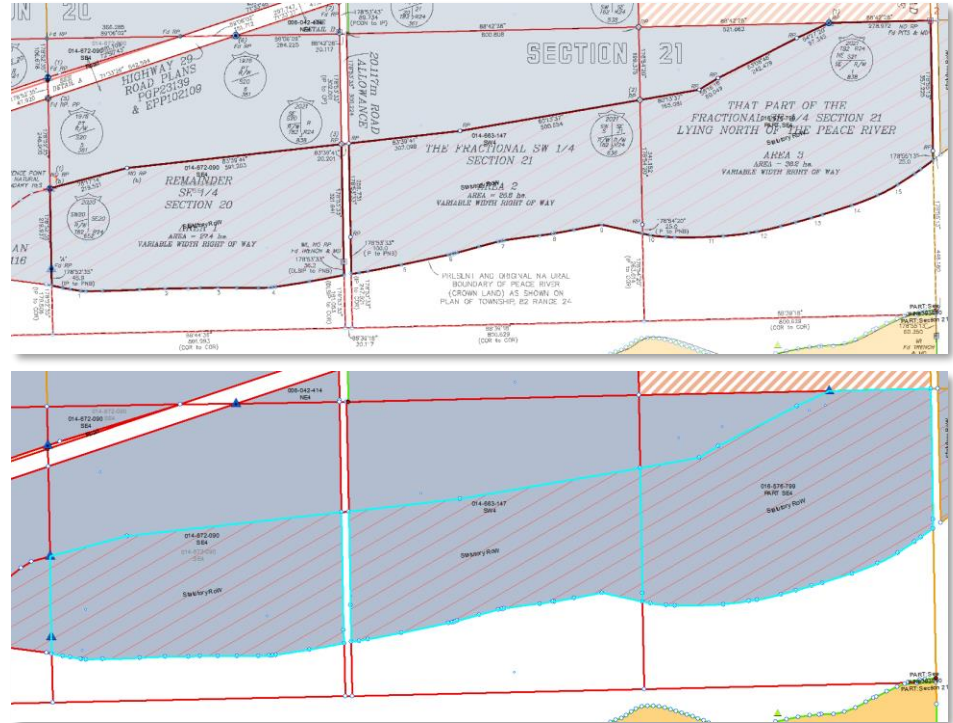
Type of Interest	Included or Not Included in ParcelMap BC
Crown Statutory Rights of Way (Crown SRWs)	Included
Statutory Rights of Way (SRWs)	Included
Easements	Included
Covenants	Included
Road Reserve	Included
Leases	Included
Licenses	Included
Expropriation	Included
Other 'Volumetric' Interests	Included
Trailer Parks	Not-Included
Strata Parking Spaces, Storage Facilities (other 'internal' interests defined on a Strata Property Act survey plan)	Not-Included
Crown Tenure Leases	Not-Included as an Interest parcel. However, if the lease is associated with an active <u>Land Act parcel</u> ; we will verify and may include it in ParcelMap BC as a Crown Land parcel.
Blanket Charge on Title (e.g. Mortgage)	Not-Included



Interest Parcels and Current Completeness

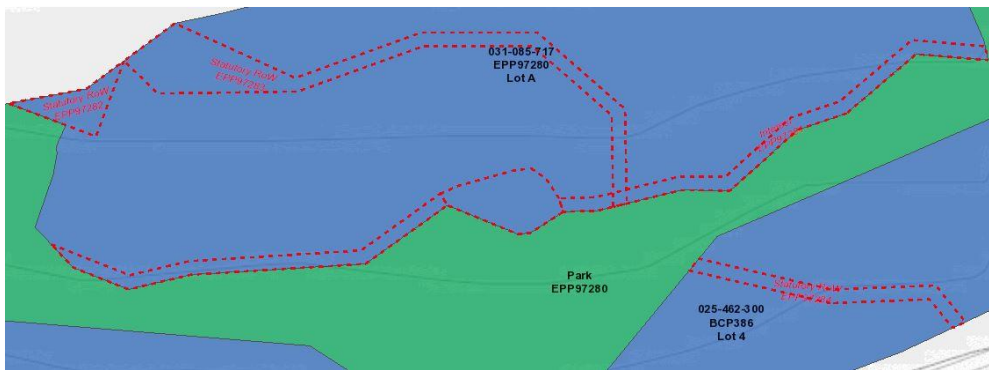
E.g., Section 99 Reference Plans, Section 99 Explanatory Plans, Section 67 Reference Plans, Section 113, 114, 115 SRW Plans

- Including SRWs over titled land, easements, covenants, expropriation of land, leases, licenses, road reserves, etc. (2D not 3D).
- The new interest parcel is added to ParcelMap BC in its entirety related to the submitted Land Title Act survey plan.
- They will maintain no PID or PIN value. This is a defined spatial charge on title represented as an 'Interest parcel' in the fabric related to the Land Title Act survey plan.



Interest Parcels and Current Completeness

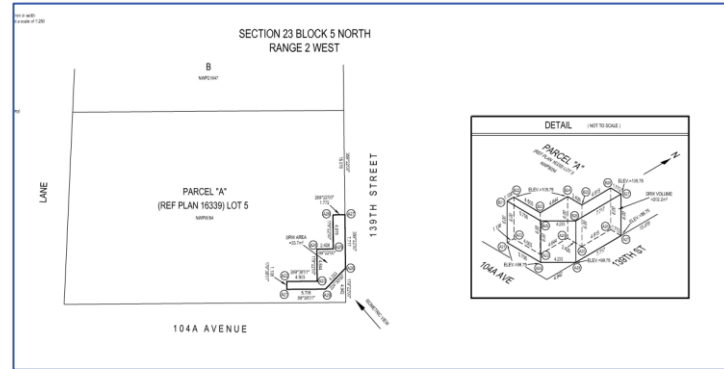
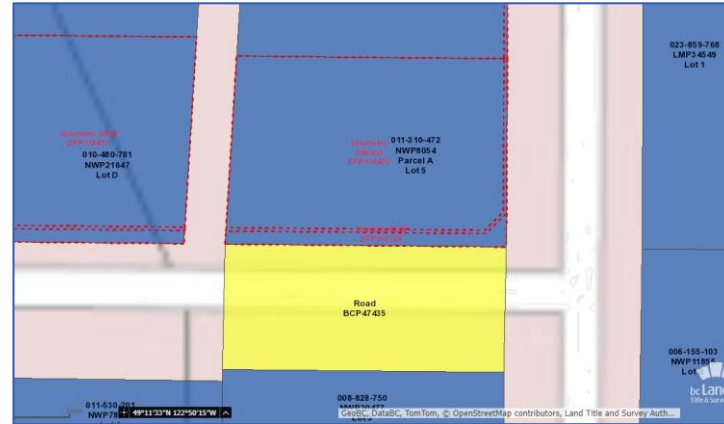
- Parcel Class = “Interest”
- Name will be “Statutory RoW” if the interest parcel is an SRW but could be “Road Reserve” etc. Typically, these will just be named “Interest”.
- Historic representation is currently not included in ParcelMap BC but has been identified as an area of enhancement for the product.



Interest Parcels and Current Completeness

Volumetric Interests

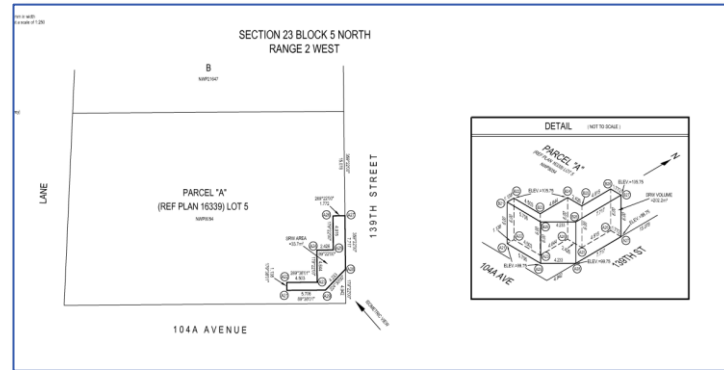
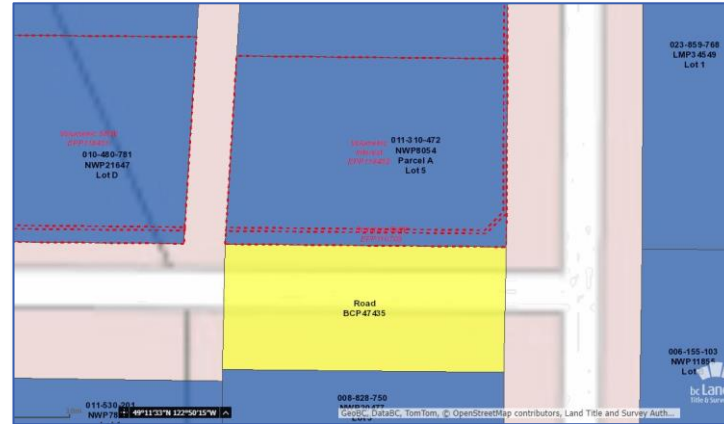
- Interests defined on the Survey Plan as three dimensional or 3D. Could be any number of different types but typically we see these in the form of building leases.
- A representation limited to the extent of the parent parcel is mapped in ParcelMap BC.
- Overlapping interest parcels exist for each volumetric charge over the parent parcel(s) related to the Survey Plan.



Interest Parcels and Current Completeness

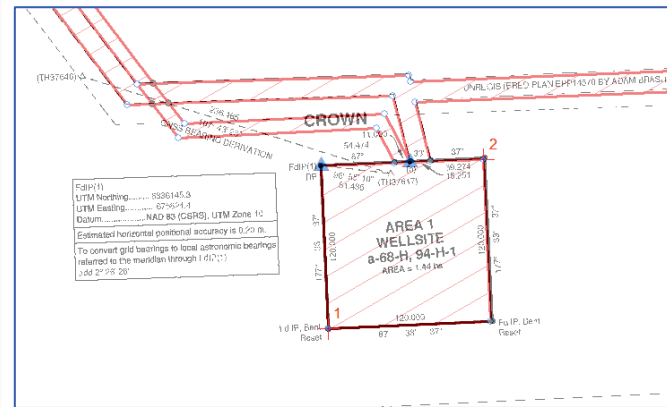
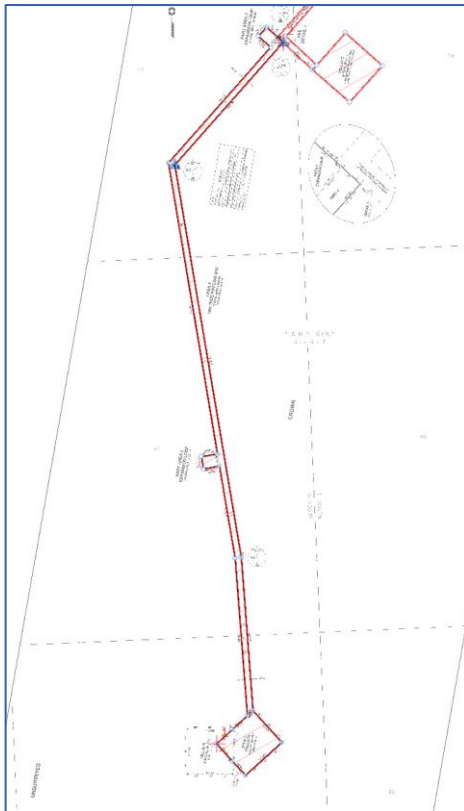
Volumetric Interests

- They will maintain no PID or PIN value. This a defined spatial charge on title represented as an 'Interest parcel' in the fabric.
- Parcel Class = "Interest"
- Name will typically be "Volumetric Interest" but may be "Volumetric SRW" if it is an SRW.
- Historic representation is currently not included in ParcelMap BC but has been identified as an area of enhancement for the product.



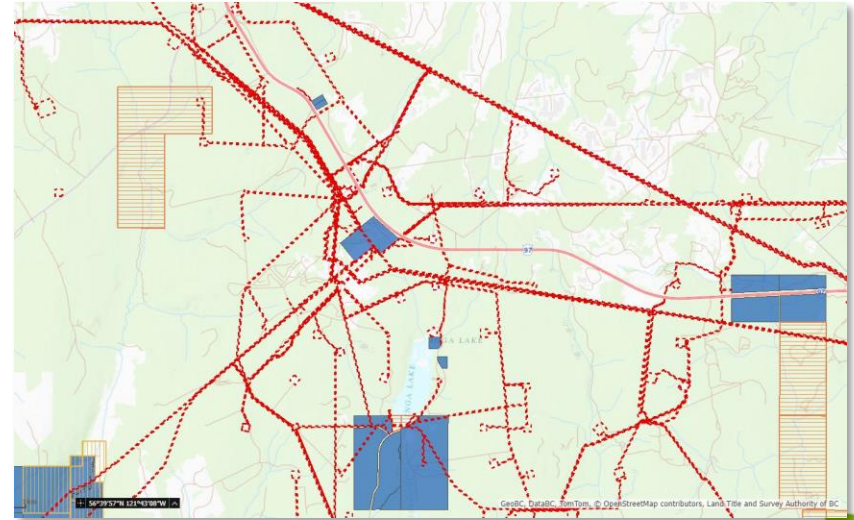
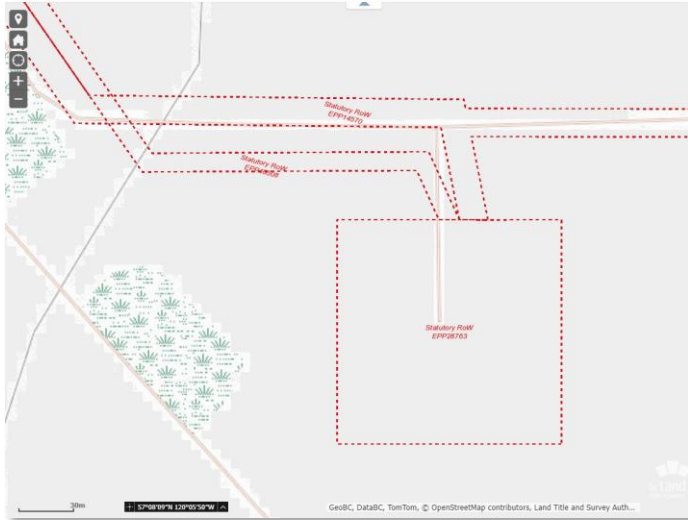
Crown Statutory Right of Way (Crown SRW)

- *E.g., Section 118 Statutory Right of Way Plans.*
- The new SRW is added to ParcelMap BC in its entirety related to the submitted Land Title Act survey plan.
- The Crown SRW interest parcel maintains a PIN value acquired from the Crown land registry.
- They often receives a **PID value** when a ‘charge’ is raised on a section or ‘area’ of the SRW. That PID is **active** in the land title register with a **full legal description** and other attributed related to the PID.
- Parcel Class will be “Interest”.
- Name will be “Statutory RoW”



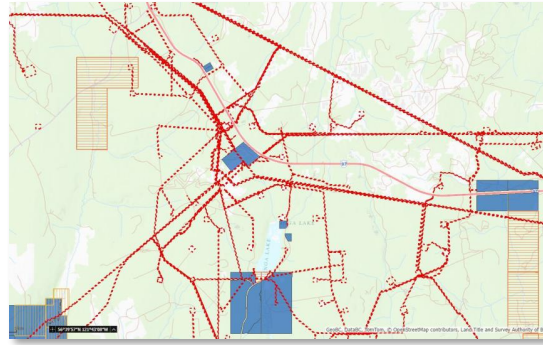
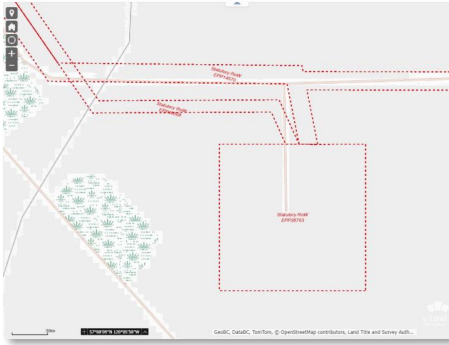
Crown SRW Back Capture and Completeness

- New Crown SRWs are integrated into ParcelMap BC when the Survey Plan Dataset is submitted to our Operations Team and the Survey Plan has been registered at the Land Title Office.
- The historic representation of Crown SRWs was added to ParcelMap in two back capture projects: The Crown SRW project and the Peace River SRW project.



Crown SRW Back Capture and Completeness

- The Crown SRW project, starting in 2016 and ending in 2019, sought to represent 19 000 Statutory Right of Ways with active PIDs in the Land Title Register.
- The Peace River SRW project, starting in 2015 and ending in 2017, represented over 9000 SRWs with active PINs in the Peace River region which were previously not included in any spatial source (including TANTALIS or the Crown Land Registry).
- Several 1000 Crown SRW's with no PID or 'charge' are still outstanding (they do maintain a PIN in the Crown land registry) and exist outside the Peace River region.



Submission Program for Interest Parcels *(In development)*

Background

Mapping an old or 'historic interest' parcel was not in scope during the build of PMBC. However, as the operation began to mature and local governments began to adopt or consider adopting; it became apparent that the exclusion of these 'historic interests' in ParcelMap BC was a challenge for our customers. Therefore, we sought to define out a submission program whereby the ParcelMap BC Operations Team would collaborate with local governments / utilities to integrate and maintain aligned 'historic interests'.

Benefits

- 1 Maintain and ensure sustained alignment for historic interests that were never originally part of the ParcelMap BC parcel fabric;
- 2 Develop a collaborative relationship between your organization and the ParcelMap BC Operations Team;
- 3 Reduce barriers and towards full adoption of ParcelMap BC.

Submission Program for Interest Parcels *(In development)*

Criteria

A set of criteria has been defined and includes the following considerations:

1. Interest must not already be in ParcelMap BC;
2. Related to a valid Land Title Act or Land Act Survey Plan;
3. Not a duplicate;
4. Digitally mapped, topologically clean and provided in an Esri File Geodatabase (fGdb);
5. Aligned to existing parcel points in the ParcelMap BC parcel fabric and the provided parcel boundaries must align within a tolerance of 5 cm;
6. The interest parcels must contain true curves (arcs) and not densified line segments representing curves aligned to the curves in ParcelMap BC parcel fabric;
7. The interest parcel polygons must reflect the boundary definition on the survey plan;
8. Individual parcels will need to be prepared in the corresponding NAD 1983 CSRS UTM Zone.

Submission Program for Interest Parcels (*In Development*)

Current Status of the Program

- **Engaged with the City of Kamloops** to conduct a 'pilot project' related to the back capture of their interest not included in ParcelMap BC in Fall, 2021.
- **Agreed on a set of criteria**, reviewed the scope of inclusion and other guidelines.
- **Proposed a tentative solution** using their data for testing / development of the prospective program.

Submission Program for Interest Parcels (*In Development*)

Kamloops Submitted Interests vs In Scope Interests

Type	In Scope	Not in Scope	Name in PMBC
Covenant	231	1	Interest
Extinguished	15	23	Interest
Lease	77	41	Interest
License	13	27	Interest
Right of Way	2412	11	Statutory Row
Unknown	33	4	Interest
Air Space Parcel*	2	2	Volumetric Interest
Road Reserve	6	0	Road Reserve
Easement	706	0	Interest

City of Kamloops 'Historic Interests' Pilot Project

City of Kamloops Interests Alignment to ParcelMap BC

Ryan Strank, GIS Technician
April 6, 2022



Canada's Tournament Capital

Discussion

- **Interests maintained by City of Kamloops that ParcelMap BC didn't map.**
 - We have maintained all the encumbrances/interests up to the time ParcelMap BC compiled our area – older ones that were not part of the scope of data collection by ParcelMap BC.
- **Why did we align to ParcelMap BC?**
 - We aligned so we have coincidence and therefore accurate spatial analysis and mapping results.

 - We adopted ParcelMap BC so we don't have to maintain our own property fabric and so we would be using the definitive BC property fabric data source.

Discussion

- **What are the benefits of having ParcelMap BC maintain these rather than the City?**
 - Time/money (salary): The savings allow us to work on new projects for our customers rather than 'operations'.
- **Tool/Methodology used to align interests to ParcelMap BC.**
 - *We used the Data Alignment Workflow package (DAWp) suite of tools to align our data.*



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For more information, visit kamloops.ca

Stay Connected



Questions and Discussion

Thank You For Participating!

Recording & slide deck links will be sent out soon.

Learn more at:

<https://itsa.ca/parcelmapbc>

<https://help.itsa.ca/parcelmap-bc>

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