



Proposed Parcels Approach and UPI Update Stakeholder Consultation

Apr-2026

Agenda (60 min)

- Proposed Parcels – 30 min
 - Proposed Parcels Overview
 - Alternative Approaches
- Universal Parcel Identifier (UPI) Update – 15 min
 - UPI Update
 - UPI Management Rules
- Next Steps & Discussion – 10 min



Proposed Parcels

Proposed Parcel (Working) Definition

“A stage of a parcel lifecycle defined as a closed area or volume (i.e. spatial unit) represented on a survey plan certified (e-signed) by a land surveyor and ready for submission in the Survey Plan Submission process but not yet filed in the Land Title register or Crown Land registry. (e.g. A certified but not registered subdivision plan). Limits of the spatial unit are subject to change.”

Proposed Parcel Layer

- The Proposed Parcel Layer is a new distinct layer in the Parcel Map Fabric used to manage parcel data during the Proposed stage of a parcel’s lifecycle.

Proposed Parcels Scope

The Proposed Parcel Layer **will** contain parcels that are the subject of the following plan types:

Land Title Act

- Subdivision Plans
- Reference Plans (s.99 FS/Vol, s.100, s.107, s.120, charge plans)
- Explanatory Plans (s.99 FS/Vol/Charge, s.100, s.107, s.117, s.120, s.70)
- Statutory Right of Way Plans (s.113, s.118)
- Strata Plans (Bare Land – base, amendments, phased)
- Building Strata Plans (Parent only – 2D)
- Air Space Plans
- Special Survey Plans

Land Act

- Survey Plans
- Survey Plans of Roads
- Compiled Plans
- Partially Compiled Plans
- Former Indian Reserve Survey Plans
- Control Survey Plans
- Partial Park Boundary Plans

The Proposed Parcel Layer **will not** contain parcels that are the subject of the following plan types:

Land Title Act

- Posting Plans
- Sketch Plans
- Block Outline Posting Plans

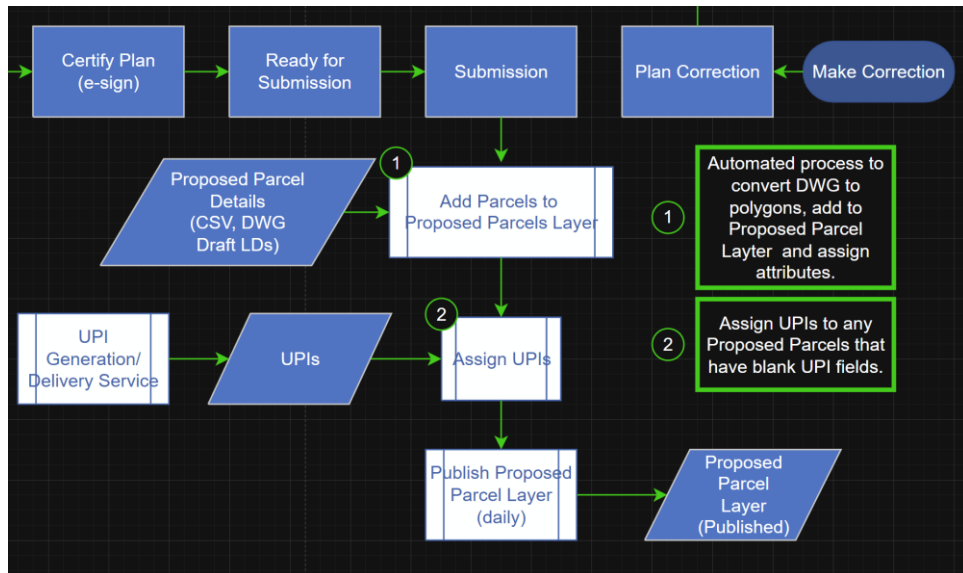
Land Act

- Posting Plans

Proposed Parcels Approach - Background

- Multiple alternatives were considered to integrate Proposed Parcels support into current LTSA/LandSure workflows.
- Of these, two alternatives were identified as leading candidates for initial Proposed Parcel implementation.

Option 1: Auto Populate Proposed Parcel Layer



Upon registration: “Business as usual”

Highlights:

- Unedited transformation of the DWG and CSV integrated into a Proposed Parcels feature layer upon Dataset submission.
- Upon registration, GeoData team adds parcels to the Active layer and performs any necessary adjustments (as they do currently).

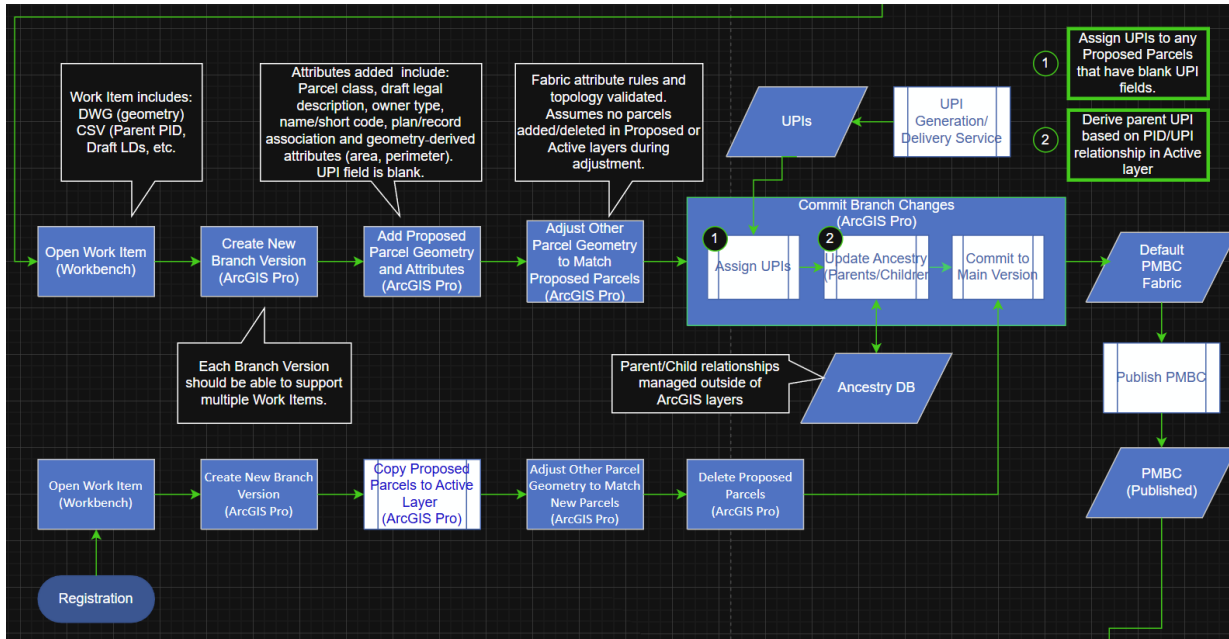
Pros:

- Proposed parcels with UPIs added as early as practical (upon submission).
- Quicker implementation compared to Option B.
- No impact to working fabric if Proposed Parcels are altered prior to registration or never registered.
- Eliminates the need to manage potential conflicts between ongoing working fabric changes and Proposed parcel features.

Cons:

- Quality-based improvements to Active fabric based on Proposed Parcel information delayed until registration.
- No historical tracking prior to registration.
- Potential Interpretation issues related to misalignment between features in Proposed Parcel layer and Active Parcel layer.

Option 2: Adjust Working Fabric to Proposed Parcels



Upon registration: Proposed parcels copied to Active layer

Highlights:

- Active layer parcels are aligned to Proposed parcels upon submission.
- Upon registration, Proposed Parcels are copied to the Active layer.

Pros:

- Quality-based updates to Active layer parcels occur earlier in the process.
- Supports parcel history at the Proposed Parcel stage.

Cons:

- Larger/longer implementation effort and duration compared to Option A.
- Potential conflicts with ongoing operational fabric maintenance while parcels in Proposed state.

Proposed Approach for Phase One

- LandSure implements Option 1 this fiscal year (2026/27).
- Option 2 remains a potential future implementation path if desired/required.

How important is alignment between the Proposed and Active parcel features prior to registration?

How important is parcel history at the Proposed parcel stage?

Feedback / Concerns?

Universal Parcel Identifier (UPI) Update

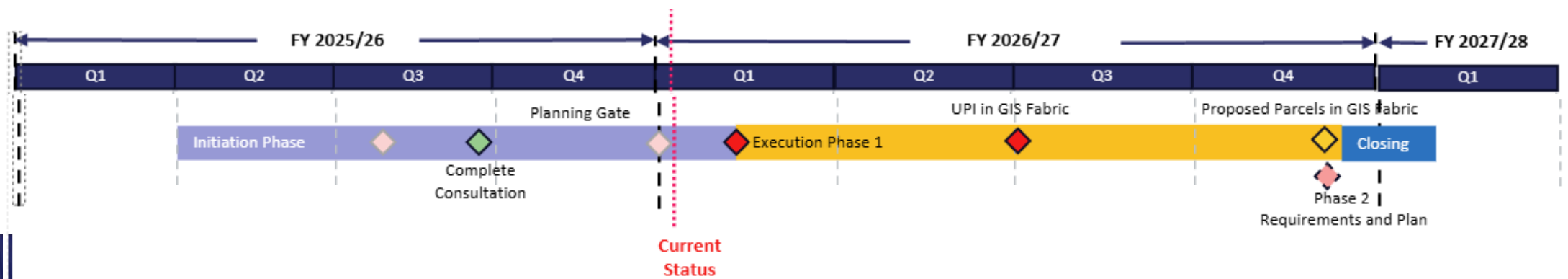
UPI Definition

“A Universal Parcel Identifier is a unique, persistent, system-assigned identifier that represents one and only one surveyed parcel established pursuant to statutory processes.

It is independent of ownership, assessment, or administrative attributes. Historic parcels with assigned UPIs remain valid in the Land Title Register for traceability purposes.”

UPI Update

- UPI Proof of Concept completed successfully (May 2024).
- UPI Presentation Format established (March 2026).
 - i.e., “6428-9432”
- Detailed project planning and initial design work in progress
 - Development of UPI Management Rules
 - UI/UX Designs
 - Technical Estimations
- Project Timeline



UPI Management Use Cases and Rules

- The complexity of use cases for UPI management varies:
 - Relatively simple (e.g., simple subdivision plan)
 - Relatively complex (e.g., parcel fabric corrections).
- Managing UPIs requires a clear set of rules that are consistently applied between use cases during fabric maintenance.

Guiding principles for rule development:

“**New**” parcel = UPI assigned

“**Same**” parcel = UPI retained

UPI Management: Example Transaction Scenario

Subdivision: Simple



Simple subdivision plan – no interior roads/parks

1. **New** parcels B and C added and made active (UPI assigned)
2. **Same** parcel A retired (UPI retained)

UPI	Parent UPI
B	A
C	A

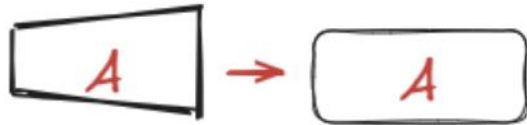
UPI Management: Example Correction Scenarios

Geometry correction only

How is the exception represented spatially?



(Parcel is clipped to account for exception)



(Parcel is spatially improved/corrected to remove skew)

If a new parcel is created to reflect the exception a UPI should be assigned.

If no new parcels are created to reflect the exception the UPI should be retained.

Next Steps

UPI

- Further define and document detailed UPI management rules and communicate to stakeholders.
- Backfill existing PMBC features with UPIs (establish “baseline”).
- Implement operational management of UPIs within PMBC based on rules above.

Proposed Parcels

- Confirm initial approach (Option 1) and perform Proposed Parcels implementation within SurveyHub / PMBC.

Thank you!