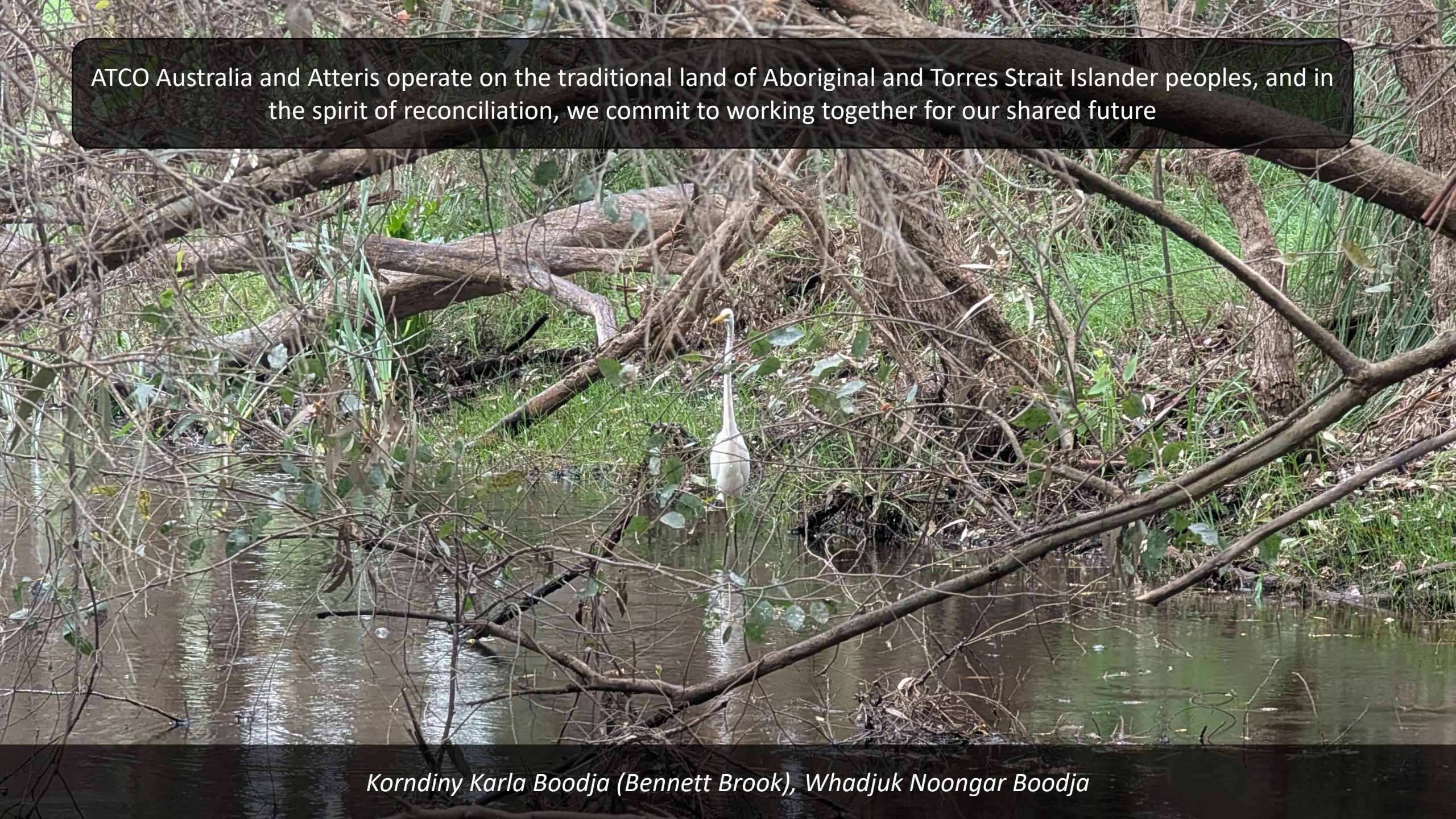
Bennett Brook HDD Project

Returning critical pipeline infrastructure to operation in 45 days

Neil Butt, ATCO Australia | Tom Seeber, Atteris

2026 APGA Convention & Exhibition

ATCO Australia and Atteris operate on the traditional land of Aboriginal and Torres Strait Islander peoples, and in the spirit of reconciliation, we commit to working together for our shared future



Korndiny Karla Boodja (Bennett Brook), Whadjuk Noongar Boodja

When Direct Repair Was Not an Option

Emergency response to restore network integrity.

Unstable ground at risk of further collapse, limiting access and equipment movement.

Responding to a geohazard incident

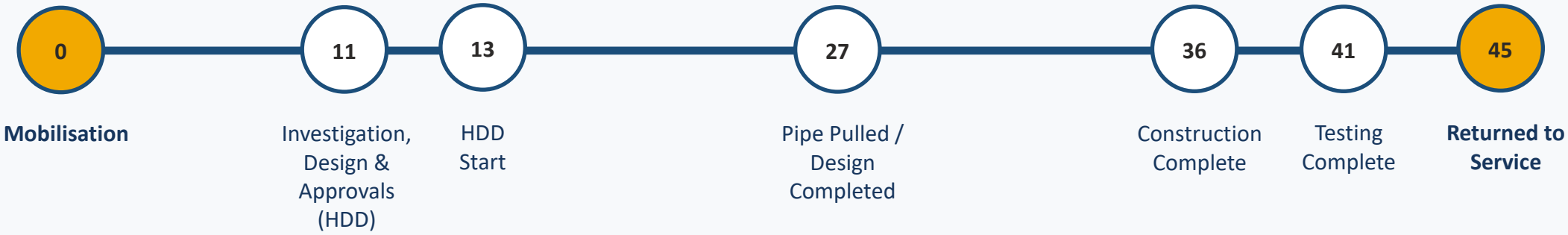
- Pipeline integrity was compromised.
- Unsafe to perform a direct repair.
- Urgent Return to Service required.

Project Facts

- AS2885 Steel Natural Gas Pipeline Relocation.
- DN250 8.4mm PSL2 X52M 3LPE linepipe.
- Design pressure 6,900 kPa.

Delivering with Measured Urgency

Emergency-management style coordination supported disciplined project delivery.

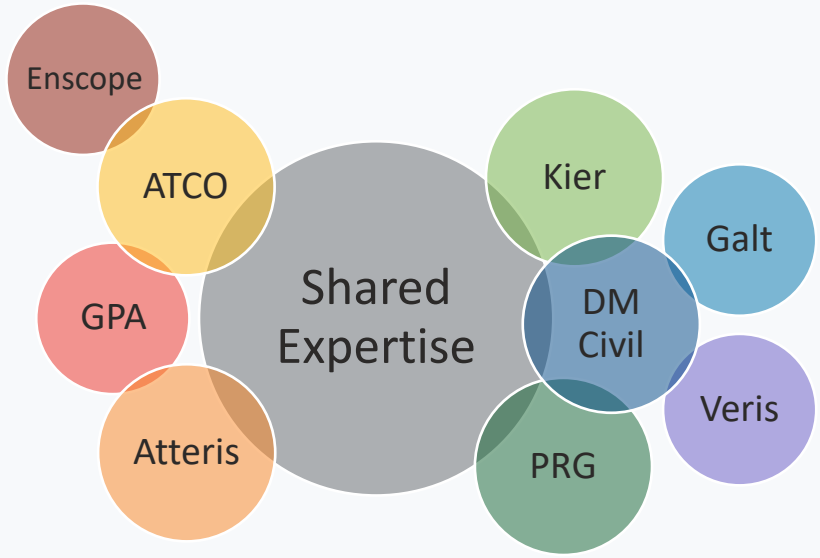


Schedule Optimisation

- Emergency Management blended with Project Management.
- Decision-critical workstreams progressed in parallel.
- Benefits from a past project (materials, design, plans & procedures).
- Speed came from open communication and rapid alignment across all parties.

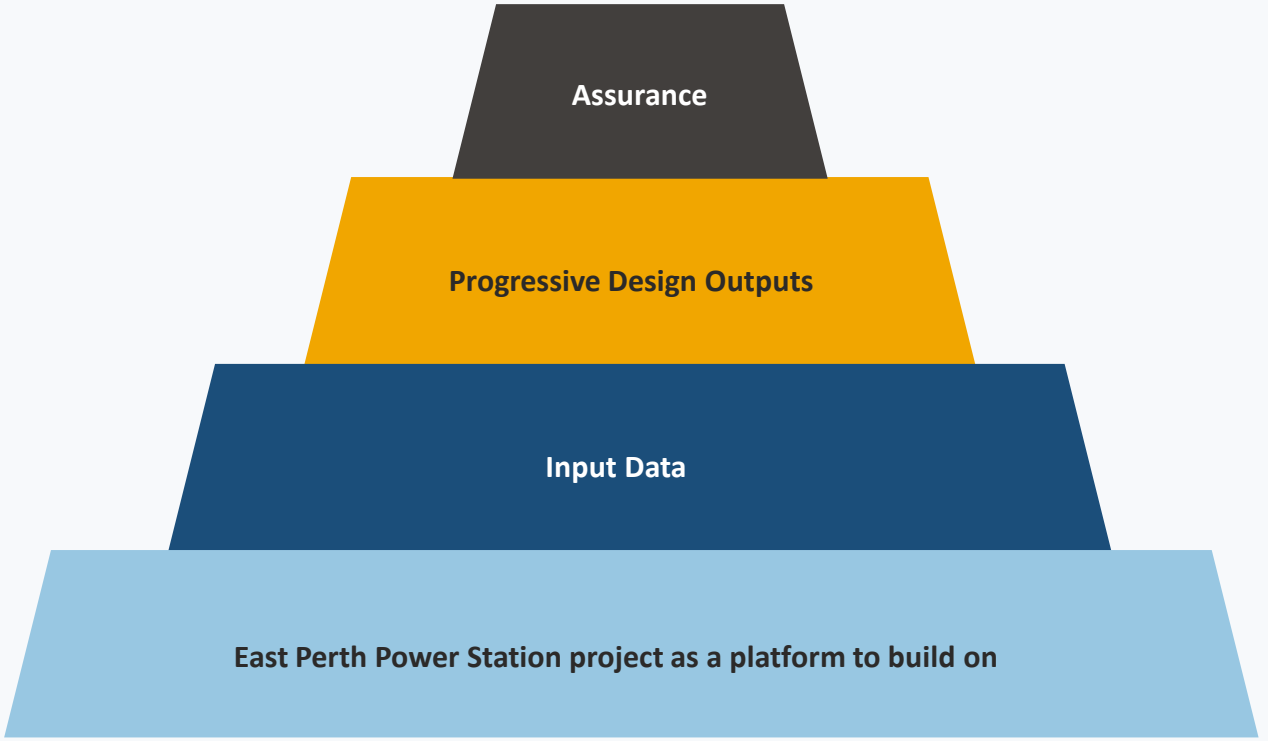
Owner + Designer + Contractor

Collaboration was not accidental - it was fundamental to delivery.



Fit-for-Purpose Engineering

Delivering the right engineering at the right time.



The design approach prioritised deliverables by purpose, criticality and decision need, building from an established design base while increasing assurance.

Designing Around Reality

The solution was shaped by the constraints rather than engineering preference.

- **Site safety concerns**
- **Environmental and cultural requirements**
- **Restrictive work areas**
- **Material availability**

The HDD Technical Challenge

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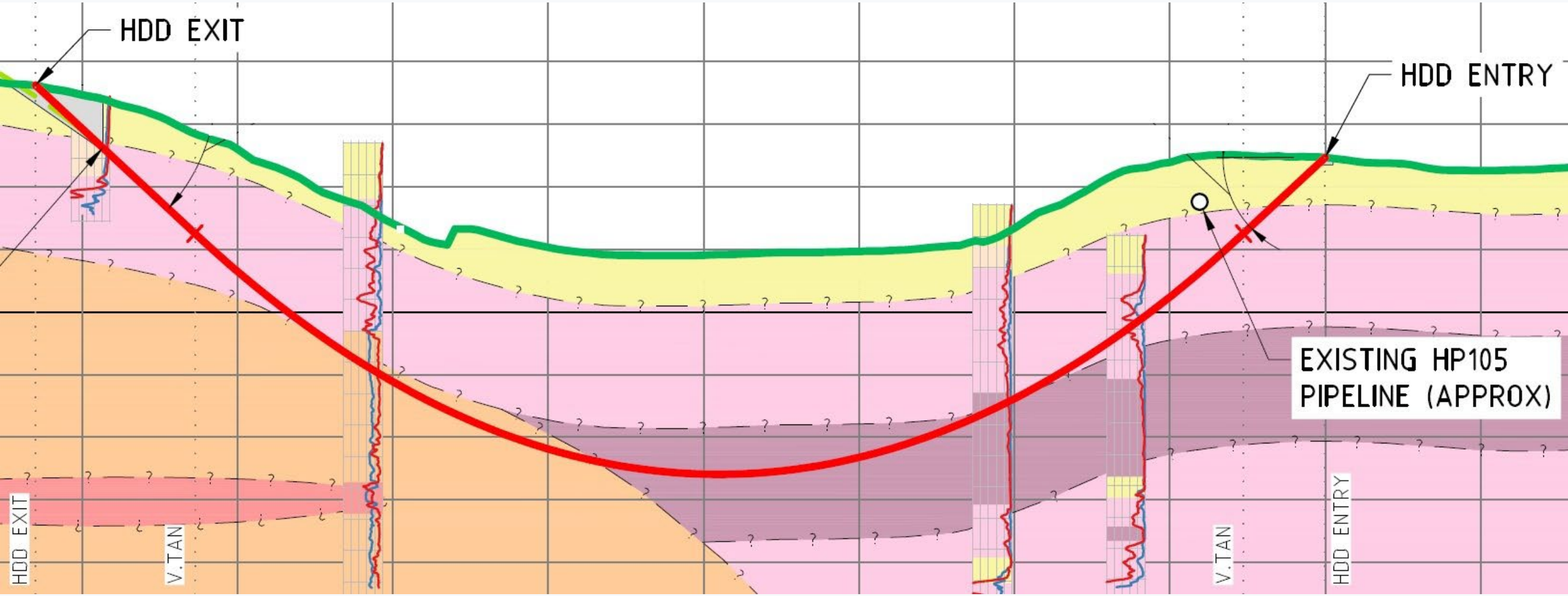

Project Outcome

Urgent delivery and disciplined assurance can co-exist.

Key take-aways

We successfully delivered the pipeline

No compromise on values

Zero safety incidents

Quality of engineering & assurance

Stakeholder relationships

Take-aways that improve readiness

Alignment of expectation to reality

Strength of collaborative decisions

Expertise applied to balance trade-offs

Acknowledgements

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