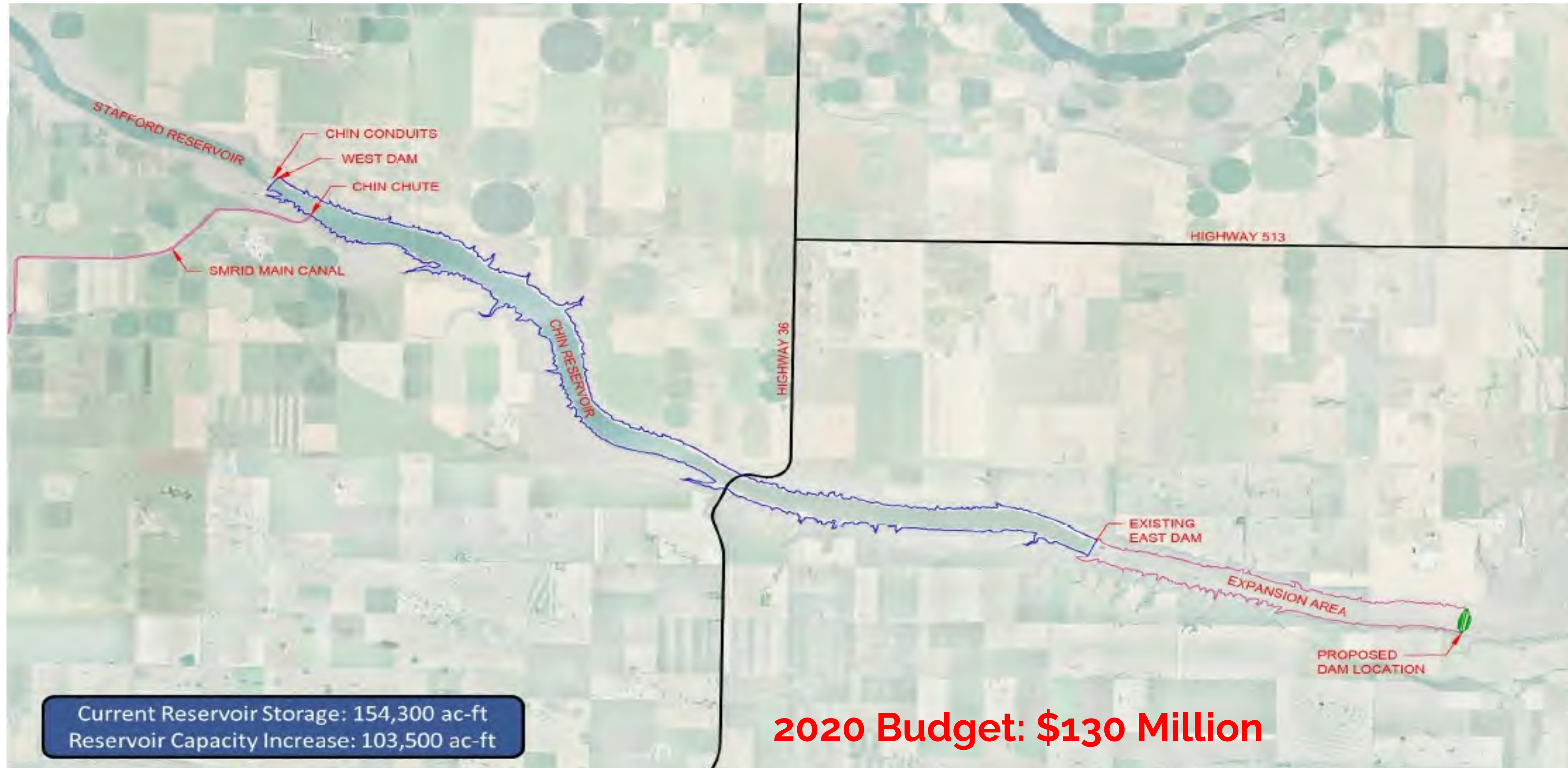
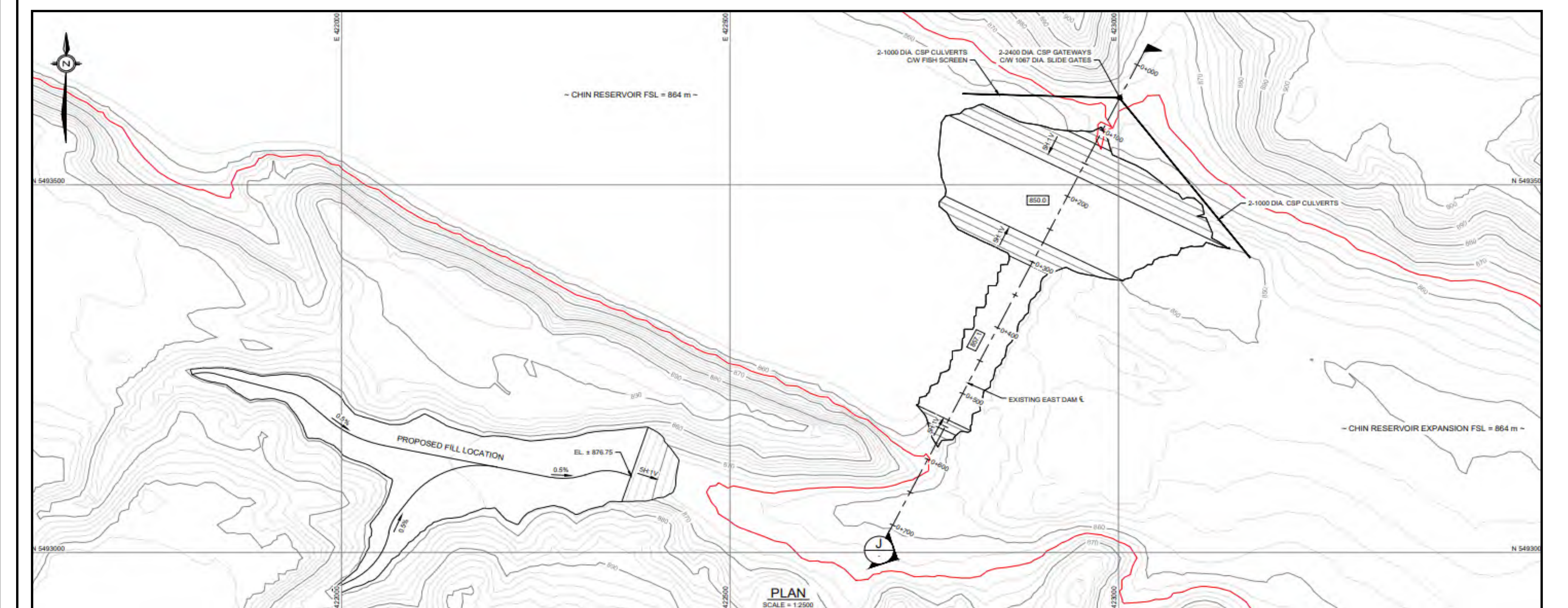
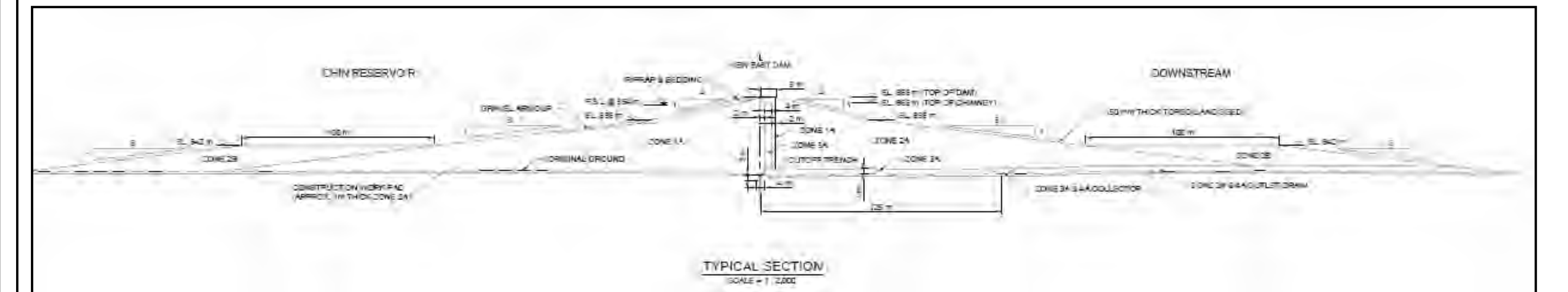
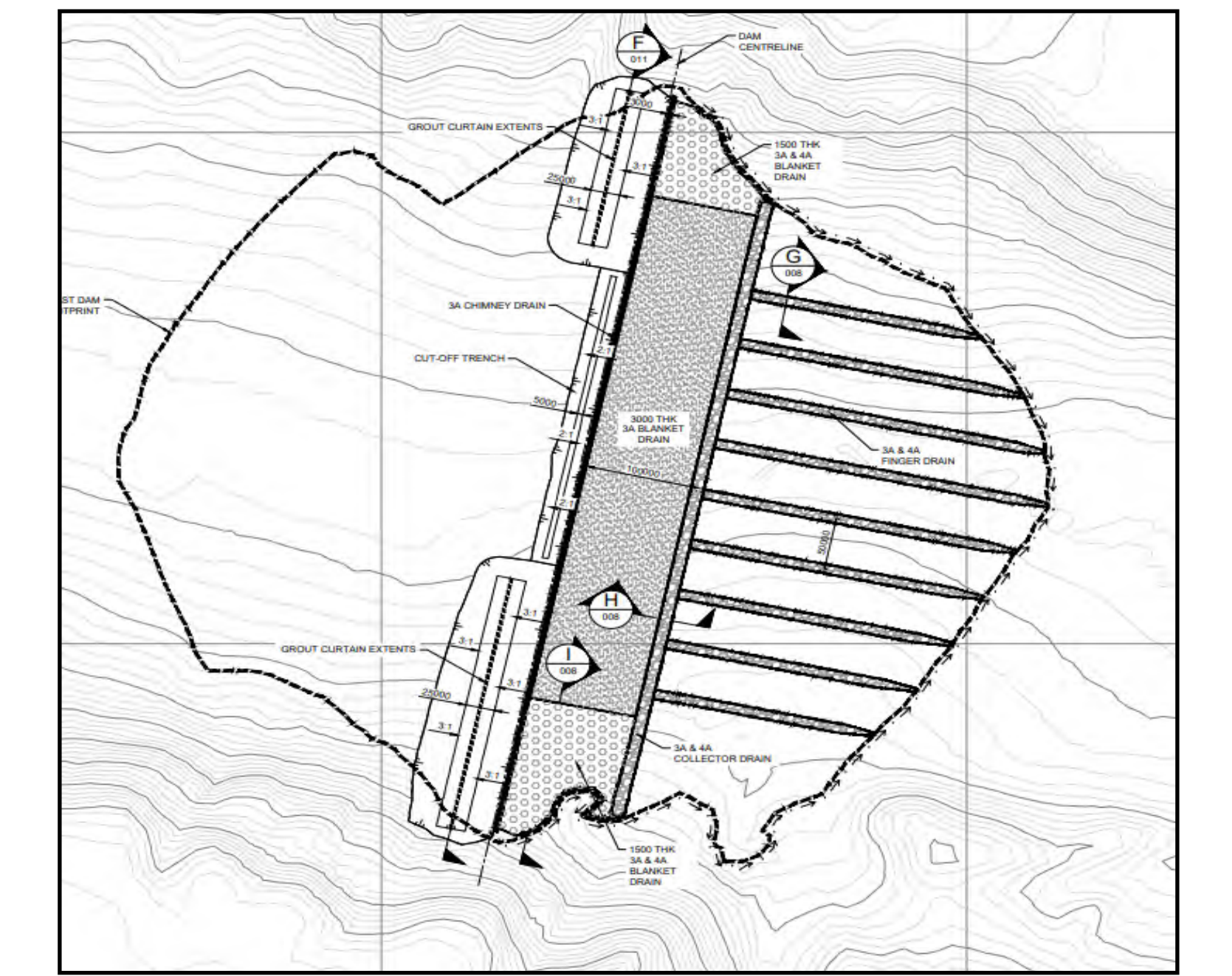
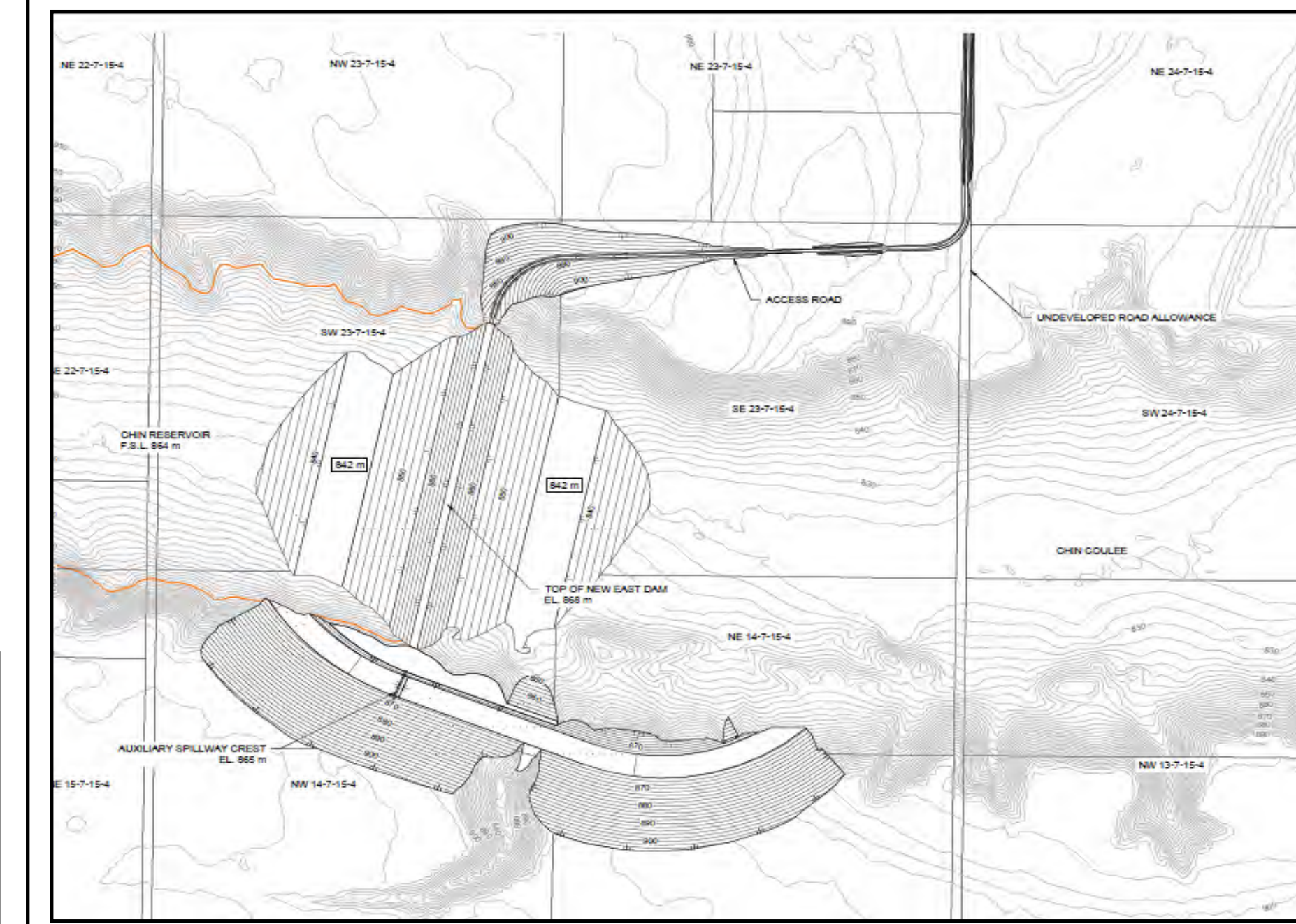


Chin Expansion Projects:



Chin East Expansion:



Decommissioning Plan for Existing Chin East Dam:

Description of Project:

- New dam to be constructed 10 km east of the existing Chin East Dam
- New dam 41 m tall by 750 m wide
- Auxiliary Spillway 50 m wide by 1,120 m long with a max capacity of 139 m³/s. Operating during events above the 1:1000 year event
- Embankment will consist of ~5.6 Million m³ of fill, and ~400,000 m³ of various aggregate
- The flooded area (1,850 ac.) and 2.6 m FSL raise will add 103,000 ac-ft of live storage to Chin Reservoir

Status:

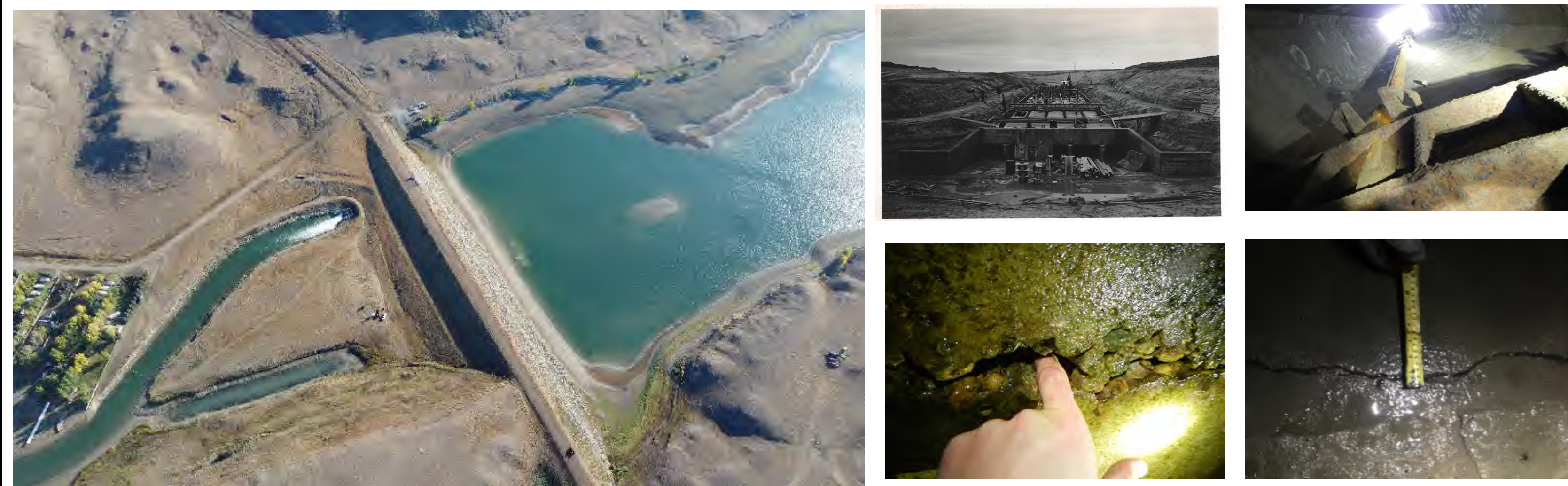
- Environmental Impact Assessment Report submitted in July 2024
- Concurrent filing with ACPA and NRCB
- Review Period ~2 years
- Investigative drilling completed in 2024 and detailed design underway

Schedule:

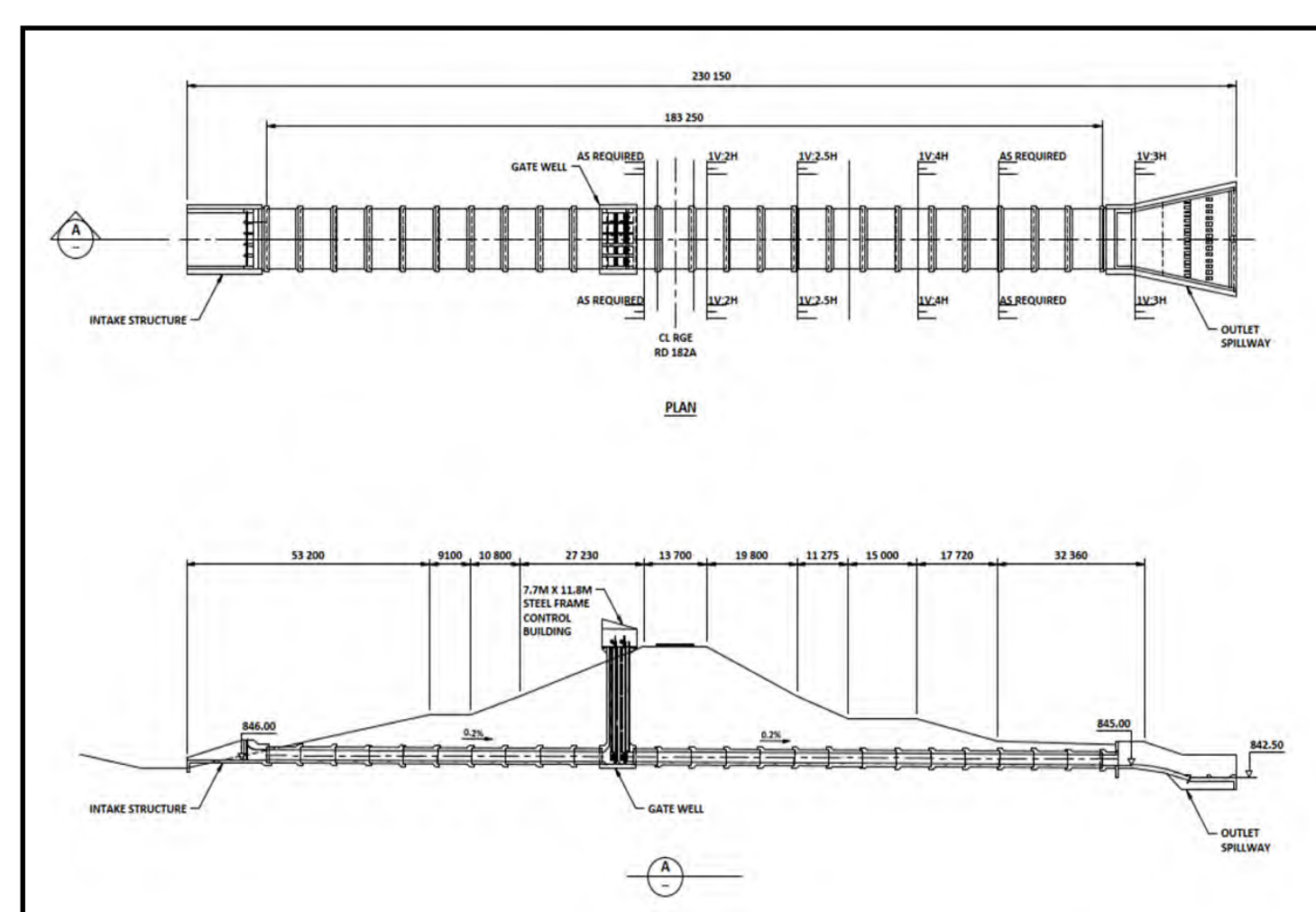
- Regulatory Approval: July 2026
- Request for Contractor Qualifications: Q3 2026
- Construction start: 2027 over a 3 year construction period
- Reservoir filling, minimum 2 years, difficult to predict.



Chin West Dam Project:



Conduits constructed in 1953 are in "Poor" Condition



Project Description:

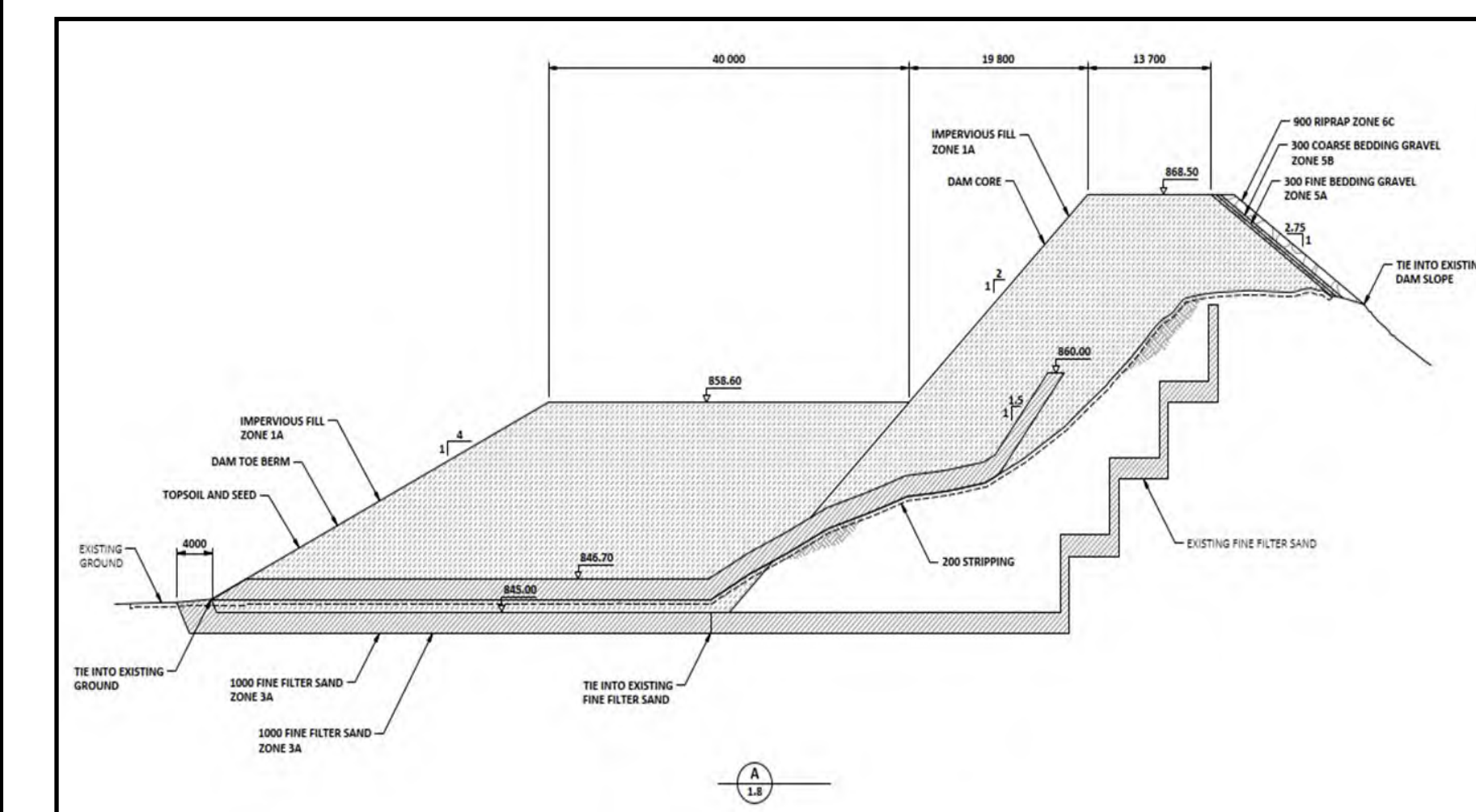
- Raise existing West Dam by 5 m, & improve seepage collection system to accommodate new reservoir elevation.
- Replace Irrigation Outlet Structure to modern design. Flow capacity will stay the same
- Abandon in place existing conduits
- Up to 3 year construction period

Status:

- Water Act (Dam Safety) regulatory review underway
- Additional Geotechnical Investigation underway to confirm design parameters
- In detailed design

Schedule:

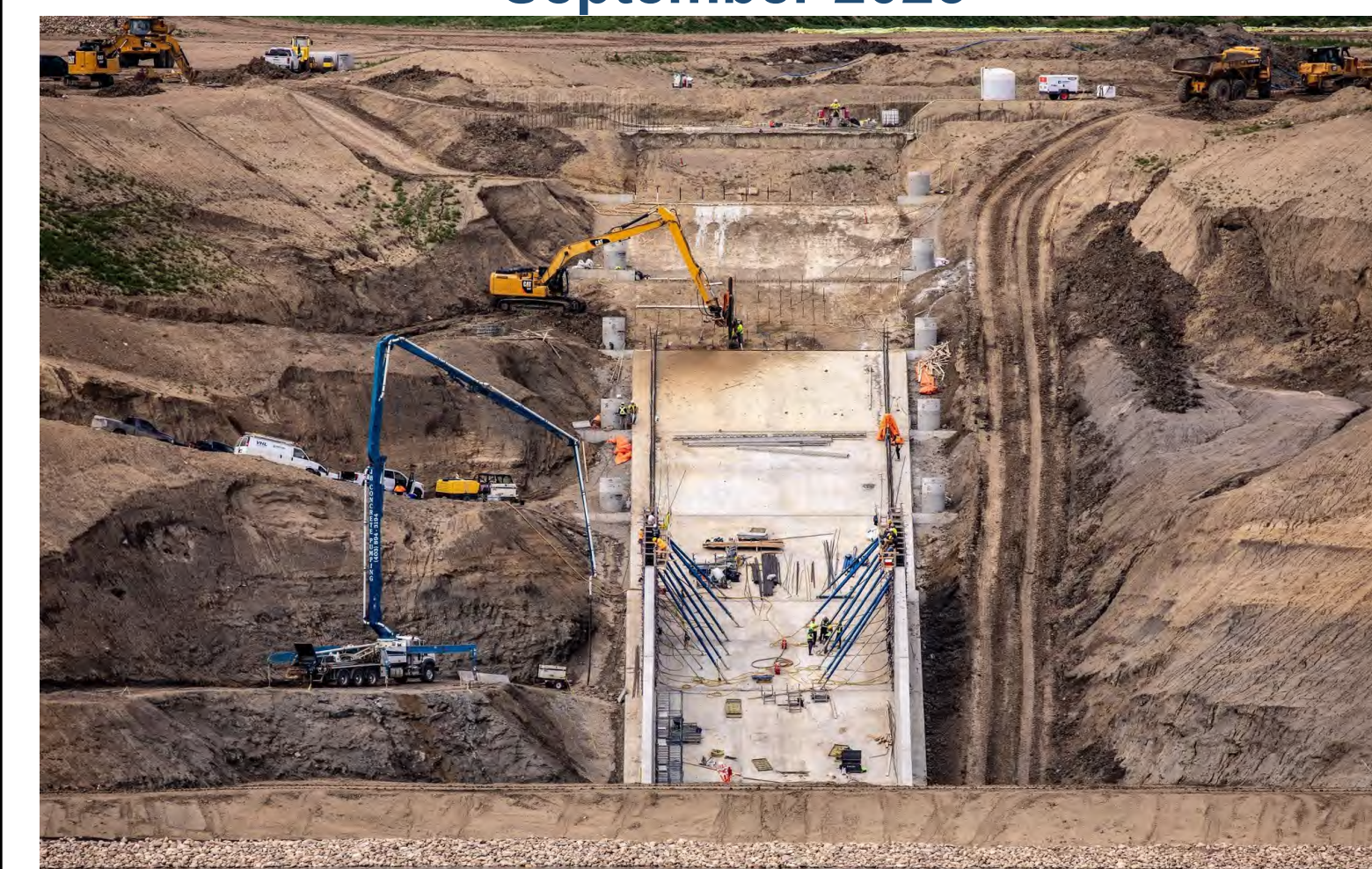
- Q2 2025: Contractor Request for Qualifications
- Q4 2025: Begin Construction
- Q4 2027: Construction Completion



Chin Chute Replacement Project



September 2023



July 2024



September 2024

Description of Project:

- Replacement of 1951 PFRA Chute Spillway with modern Chute Spillway
- Flood Capacity increased from 65 m³/s to 115 m³/s

Status:

- Under construction

Schedule:

- Scheduled to be completed March 2025

Funded by IRP funding streams pooled between SMRID and RID.
Valuation: \$24 Million