Section 1 – Main Breach (5m Length)

- Install temporary coffer dam to prevent water ingress during slab replacement
- Replace missing precast concrete (PCC) slabs and secure with concrete
- Install timber formwork along the full 5m length, propped and braced using timber across the channel
- Excavate and remove the existing concrete apron; dispose of arisings at a licensed facility
- Fill eroded bank section with concrete using mini skip loading dumper
- On completion, strike and remove formwork, clear site, and reinstate guardrails and footpath surface
- Replace with Type 1B footpath as per HCC Standard the cut out the sections of footpath

Plate 1 -5 showing Section 1 of footpath undercut

Section 2 – Upstream Repair (20m Length)

- Install temporary coffer dam to facilitate slab replacement
- Replace defective PCC slabs and secure with concrete
- Install timber formwork along the full 20m length, propped and braced with timber
- Cut access holes (possibly 500mm x 500mm) in the existing apron to allow concrete pump access
- Mass-fill eroded bank section behind PCC slabs using concrete pump
- On completion, strike and remove formwork, clear site, and reinstate guardrails and footpath surface

Plate 6-7 showing Section 2 upstream before footpath undercut

Section 3 – Intermediate Repair (5.4m Length)

- Install temporary coffer dam to prevent water ingress
- Install timber formwork along the full 5.4m length, propped and braced timber
- Cut (possibly 500mm x 500mm) access holes in the apron for concrete pump access
- Mass-fill eroded bank section behind PCC slabs using concrete pump
- On completion, strike and remove formwork, clear site, and reinstate guardrails and footpath surface

Plate 8-9 showing Section 3 of down-stream after footpath undercut

Section 4 – Second Breach to Lamp Column (9m Length)

- Install temporary coffer dam to prevent water ingress
- Replace missing PCC slabs and secure with concrete
- Install timber formwork along the full 9m length, propped and braced with timber
- Excavate and remove the concrete apron; dispose of arisings at a licensed facility
- Fill eroded bank section with concrete using mini skip loading dumper
- On completion, strike and remove formwork, clear site, and reinstate guardrails and footpath surface

Plate 10-11 showing Section 4 of down-stream after footpath undercut

Section 5 – Lamp Column to Land Drain (2.4m Length)

- Install temporary coffer dam to facilitate slab replacement
- Replace defective PCC slabs and secure with concrete
- Install timber formwork along the full 2.4m length, propped and braced with timber
- Cut (possibly 500mm x 500mm) access holes in the apron for concrete pump access
- Mass-fill eroded bank section behind PCC slabs using concrete pump
- On completion, strike and remove formwork, clear site, and reinstate guardrails and footpath surface

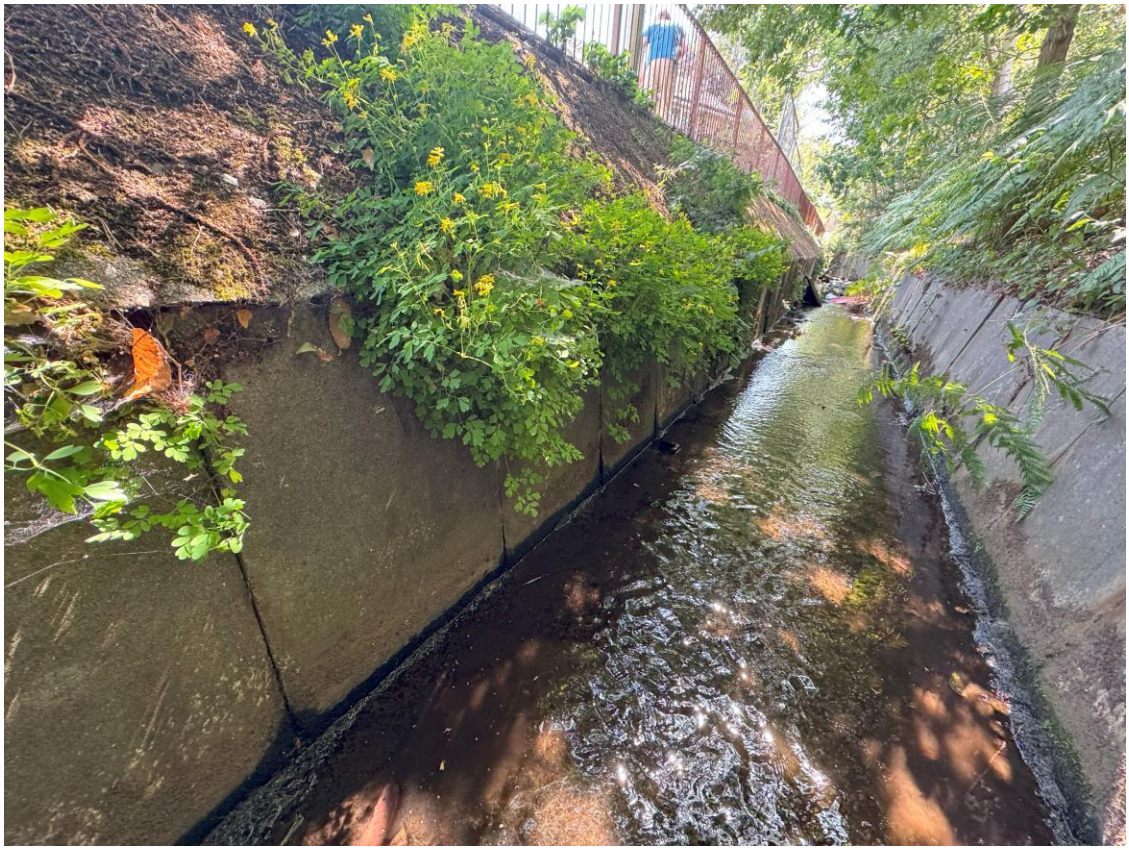

Plate 12-16 showing Section 5 of down-stream after footpath undercut