

Project *Management Plan*

How this project will be planned, executed, monitored, and closed.

The single source of truth.

PROJECT

Foreshore Drainage
Upgrade • Stage 2

PM

A. Lieblich

SPONSOR

Director, Engineering •
City Council

APPROVED BUDGET

\$1,820,000 ex GST

PROGRAMME

Apr 2026 → Mar 2027

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1 • SCOPE

Eight hundred *metres* of new stormwater main.

This project delivers **~820 lin.m of new 600mm RCP stormwater main** along Foreshore Parade between Beach Road and Marina Drive, replacing the existing 1970s-era 375mm pipe network which has reached end-of-life capacity. Includes **five new manholes (MH-08 to MH-12)**, **two new outfall headwalls (H-04 and H-05)**, reinstatement of kerb, channel, footpath, and landscape, and a temporary diversion of pedestrian traffic during construction.

Stage 1 (chainage 0+000 to 0+220) completed Feb 2026. **This plan covers Stage 2 (chainage 0+220 to 0+820)**. Stage 3 (chainage 0+820 to 0+940 — outfall and rock armouring) is a separate project under PMP-S3.

2 • OBJECTIVES & SUCCESS CRITERIA

What "*done*" means.

#	OBJECTIVE	SUCCESS CRITERION (MEASURABLE)
01	Increase stormwater capacity through foreshore corridor	Drainage system passes 1:100yr ARI design flow with 300mm freeboard.
02	Reduce nuisance flooding at low-point on Marina Drive	Zero overtopping events during 12-month defect liability period.
03	Replace failing asbestos-cement pipes	100% of in-scope AC pipe removed, disposed under licensed regime, certificate of disposal retained.
04	Maintain pedestrian and trader access	Foreshore Parade pedestrian access open daily 07:00–17:00. No more than 4 weeks of single-business-frontage closure.
05	Deliver within budget	Final cost within +/- 3% of approved \$1.82m (acceptable range \$1.766m to \$1.875m).
06	Zero lost-time injury	0 LTIs over the 12-month construction window.

3 • KEY DELIVERABLES

Physical and *documentary*.

DELIVERABLE	OWNER	TARGET DATE	STATUS
~820 lin.m new 600mm RCP stormwater main	Contractor	Feb 2027	IN PROGRESS
5 × new manholes (MH-08 to MH-12)	Contractor	Jan 2027	IN PROGRESS
2 × outfall headwalls (H-04, H-05)	Contractor	Dec 2026	IN PROGRESS
Reinstatement (kerb, channel, footpath, landscape)	Contractor	Mar 2027	NOT STARTED
Traffic management plan + community engagement	PM + Comms	Ongoing	IN PROGRESS
As-built drawings	Surveyor + EOR	Mar 2027	NOT STARTED
Asset handover pack to operations team	PM	Mar 2027	NOT STARTED
Project closure report + lessons learned	PM	Apr 2027	NOT STARTED

4 • PHASES & MILESTONES

Five *phases.*

01

Mobilisation & site establishment

Hoarding, traffic management plan live, crew inducted

Apr 2026

→ Apr 2026

4 wks

02

Earthworks & pipe install — chainages 0+220 to 0+500

First half of mainline installed and inspected

May 2026

→ Aug 2026

16 wks

03

Earthworks & pipe install — chainages 0+500 to 0+820

Second half of mainline + structures

Aug 2026

→ Dec 2026

16 wks

04

Reinstatement

Kerb, channel, footpath, landscape, line marking

Dec 2026

→ Feb 2027

10 wks

05

Practical completion & closure

As-builts · handover pack · sign-off · lessons learned

Feb 2027

→ Apr 2027

6 wks

5 • GOVERNANCE & AUTHORITY

Who can *say yes.*

DECISION	AUTHORITY	CADENCE
Scope changes (no cost / time impact)	PM (notify EOR & Sponsor)	As required
Change requests < \$20k	PM (notify Sponsor)	As required
Change requests \$20k – \$100k	Sponsor (recommend by PM)	Within 7 days
Change requests > \$100k	Council delegation (recommend by Sponsor)	Within 21 days
Pause work for safety	Site engineer, foreman, EOR, PM (anyone)	Immediate
Final practical completion sign-off	Sponsor + EOR (joint)	End of phase 5

Full responsibility split: see **RACI matrix (FDU-S2 · RACI-v2)**.

6 • ASSUMPTIONS & CONSTRAINTS

What we're *betting on.*

TYPE	STATEMENT	LINKED RISK
ASSUMPTION	Wet weather lost days do not exceed 18 across construction window.	R-01
ASSUMPTION	Existing utility records (DBYD + council asset register) are substantially accurate.	R-03
ASSUMPTION	Stage 1 completion handover is final — no rework recalled to this contract.	R-11
ASSUMPTION	Aboriginal heritage clearance obtained for full alignment (granted 2 Jun 2026).	R-07
CONSTRAINT	No weekend works permitted (council noise bylaw).	—
CONSTRAINT	Pedestrian access along Foreshore Parade must remain open 07:00–17:00 daily.	R-06
CONSTRAINT	Council elections Oct 2026 — non-essential decisions paused 4 weeks before.	R-17
CONSTRAINT	Approved budget \$1,820,000 — variance >3% requires Sponsor + delegated authority approval.	—

7 • EXCLUSIONS

Not in *scope*.

- Stage 3 (outfall + rock armouring) — separate project under PMP-S3.
- Foreshore Parade carriageway repaving beyond the trench footprint + 500mm overlap.
- Adjacent property landscape restoration beyond council road reserve.
- New street lighting and CCTV (separate council programme).
- Power utility undergrounding (handled by utility owner).

8 • REFERENCED DOCUMENTS

REF	DOCUMENT	VERSION
—	RACI Matrix	FDU-S2 · RACI-v2
—	Stakeholder Register	FDU-S2 · SR-v3
—	Risk Register	FDU-S2 · RR-v8
—	Issue Tracker	FDU-S2 · IT-v23
—	Budget Tracker	FDU-S2 · BT-M03
—	Inspection & Test Plan	ITP-S2 · Rev 1
—	Design drawings (Issued for Construction)	C-201 Rev B · C-203 Rev A
—	Stage 1 closure report	FDU-S1 · CR-final

PREPARED & RECOMMENDED BY

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Sponsor · City Council

FDU-S2 · PROJECT MANAGEMENT PLAN · REV 2 · 2026-04-01

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