



# Braidwood Street Civil Works

Road Works Package for Strathfield Council — a comprehensive multi-trade scope delivering drainage upgrades, kerb and footpath reconstruction, and full-width asphalt resurfacing as part of Council's broader infrastructure renewal programme.

**25**

Days Programme

**430t**

Asphalt Laid

**345lm**

Kerb & Gutter

**280m<sup>2</sup>**

Concrete Footpath

**0**

Lost-Time Injuries

# The Challenge & Our Approach

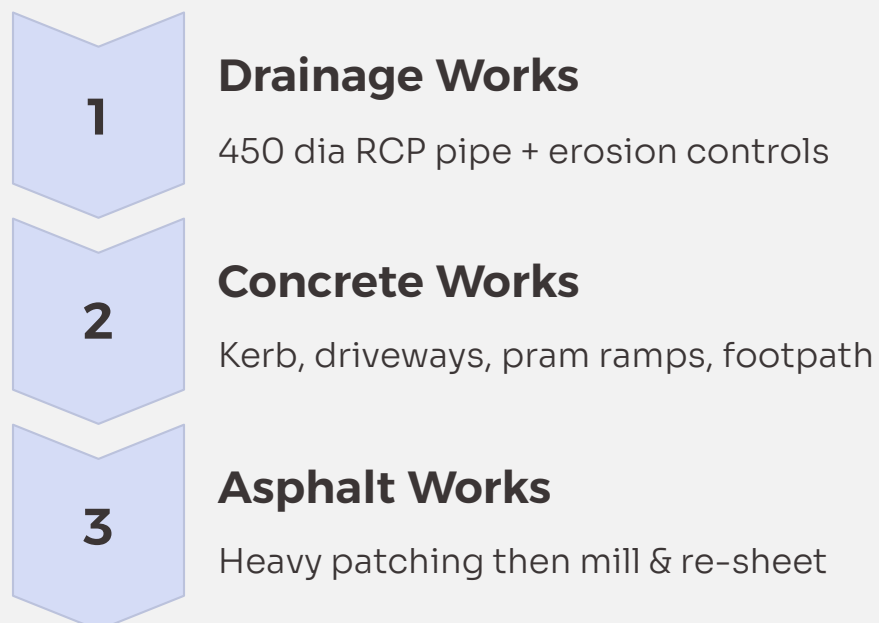
## Key Constraints

- High daytime traffic volumes ruling out conventional lane closures
- Multi-trade scope — drainage, concrete, and asphalt — requiring strict sequencing
- Sediment and erosion control with new RCP pipe installation
- Tight 25-day programme with live pedestrian and vehicle access maintained

## Night-Works Strategy

Disruptive activity — lane closures, plant movements, noise — was shifted to overnight hours, enabling full road closures at night while keeping the road open to traffic during the day.

## Strict Build Sequence





# Scope & Results

## Scope Delivered

- 430 t mill & re-sheet + 135 t heavy patching
- 345 lm kerb & gutter restored
- 280 m<sup>2</sup> concrete footpath constructed
- 4 new pram ramps installed
- 450 dia RCP pipe supplied and laid
- Geo grid, driveways, laybacks included

## Outcomes

- Full scope completed within 25-day programme — zero sequencing rework
- Minimal community disruption; street trafficable each day throughout construction
- No environmental incidents — strong erosion and sediment control performance
- Clean site handed back to Council every morning as standard practice

- ✔ Programme strategy did as much work as the construction itself — identifying traffic disruption as the critical risk early and designing the entire delivery model around it.