

Case Study: Francis Street, Strathfield – Pedestrian Crossing Reconstruction

At **High End Civil**, our passion lies in shaping safer, more connected communities. The **Francis Street Pedestrian Crossing Reconstruction** in Strathfield stands as a testament to this commitment. This project seamlessly blended precision engineering with genuine community care, notably delivered within the tight timeframe of the **Easter school holidays** to minimise disruption for local families, businesses, and commuters.

10

Days Project Delivered

Completed within school holidays

30%

Improved Pedestrian Safety

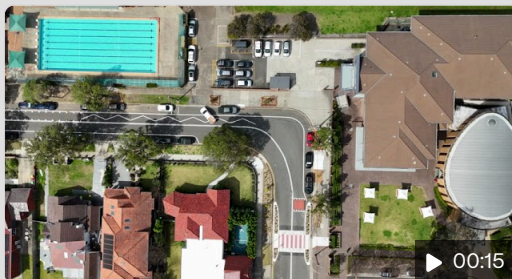
Through upgraded infrastructure

1.5K

Daily Pedestrian Users

Benefiting from the reconstruction

This comprehensive case study details our dedication to excellence, illustrating how strategic planning, environmental responsibility, and community-focused execution can successfully upgrade vital urban infrastructure while maintaining Strathfield's unique character and accessibility.



YouTube

Francis St Strathfield



00:15

Project Overview

This ambitious infrastructure project was designed to **replace the ageing pedestrian crossing** and refresh the surrounding streetscape, ensuring Francis Street remains safe, accessible, and welcoming for the community. The project exemplifies modern urban planning principles, balancing functionality with aesthetic enhancement.

Client

Strathfield Council

Location

Francis Street, Strathfield NSW

Timeline

14 – 25 April 2025 (school holidays)

Duration

2 weeks main works + landscaping



Delivered through a fast-tracked holiday works programme with strict community access requirements, ensuring minimal disruption to daily life whilst maximising safety and accessibility improvements.

Key Project Components

01

Site Establishment & Preliminaries

- Survey, set-out, and service scans through Dial Before You Dig
- Notifications to residents, schools, and businesses **one week prior**
- Dilapidation reporting for surrounding properties and infrastructure
- Traffic management with **licensed controllers on-site at all times**

02

Demolition Works

- Removal of existing pedestrian crossing infrastructure
- Demolition of redundant footpaths, kerb ramps, and bus facilities
- Excavation for new garden beds and speed management features

03

Concrete Works

- **60m² new pedestrian crossing** with reinforced 32MPa concrete
- **70m kerbside garden beds** with durable kerb installation
- **18m² Watts Profile Speed Humps** for traffic calming
- 5m² new footpaths with broom finish and edge highlights

04

Asphalt & Finishing Works

- **30m² sustainable glass-mix asphalt** surfacing
- New waterborne linemarking, upgraded to thermoplastic
- Signage relocation with durable v-lock posts

05

Landscaping & Greening

- Hardwood decking tree surrounds or decorative tree grates
- Tree pits and garden beds with structural soil preparation
- New trees, shrubs, and native grasses installation

Measurable Community Impact



60m²

Modern Pedestrian Crossing

Enhanced visibility and safety for all users

18m²

Watts Profile Speed Humps

Traffic calming protecting pedestrians

70m

Kerbside Garden Beds

Green infrastructure adding natural beauty

200+

New Native Plants

Enriching the urban landscape and biodiversity



12

Days Completion

During school holidays, minimal disruption

The project's success is measured not just in construction metrics, but in the tangible improvements to daily life for Strathfield residents. The new infrastructure provides safer pedestrian access, enhanced visual appeal, and long-term environmental benefits that will serve the community for decades.

Sustainability & Environmental Responsibility



Sustainable Materials

Glass-mix asphalt

used in wearing and base courses, reducing reliance on virgin materials whilst maintaining durability and performance standards. Licensed waste disposal ensured responsible recycling of demolished materials.



Native Plant Selection

Drought-tolerant native species

were carefully selected to minimise water demand whilst supporting local biodiversity. These plants create habitat corridors and enhance the urban ecosystem.



Environmental Protection

Tree protection measures

safeguarded existing vegetation throughout construction. Soil and mulch layering was designed for long-term plant health and sustainable growth.



Our commitment to environmental stewardship extends beyond compliance to genuine care for Strathfield's natural character. The project demonstrates how infrastructure development can enhance rather than compromise environmental values, creating a model for future urban renewal initiatives.



Collaboration & Challenges

Delivering within the Easter school holidays required **precise planning, coordination, and round-the-clock effort**. The compressed timeline demanded exceptional project management and stakeholder engagement to ensure every aspect of the works proceeded seamlessly.



Strategic Planning

Comprehensive pre-planning with detailed staging, resource allocation, and risk management protocols established before commencement.



Stakeholder Coordination

Close collaboration with **Strathfield Council, local schools, and transport providers** ensured seamless integration with community needs.



Proactive Solutions

Every challenge met with immediate, practical solutions including bus route management and maintaining safe pedestrian access throughout.

"The success of this project demonstrates that with careful planning and community-focused delivery, major infrastructure improvements can be achieved without compromising the daily lives of residents and businesses."



Legacy & Future Value



The **Francis Street Crossing Upgrade** has delivered a safer, greener, and more accessible public space. The new crossing and traffic-calming measures protect pedestrians, whilst landscaped tree surrounds and garden beds bring life and beauty to the street.

This project reflects **High End Civil's commitment to excellence, safety, and sustainability**, leaving a lasting improvement that will continue to serve Strathfield's residents, families, and businesses for generations.

Enhanced Safety

Modern crossing infrastructure and traffic calming measures protecting all road users

Environmental Value

Native landscaping and sustainable materials contributing to urban biodiversity

Community Legacy

Infrastructure built to serve Strathfield residents for decades to come