Beeliar Drive and Dunraven Drive Intersection (Blackspot Project)

Project Description

The City of Cockburn is prioritising your safety on the roads. That's why we're implementing a significant improvement at the intersection of Beeliar Drive and Dunraven Drive – the installation of new traffic signals.

The current uncontrolled intersection at Beeliar Drive and Dunraven Drive has seen 27 crashes reported between December 2017 and 2022. These statistics highlight the need for improved traffic management at this location.

By installing traffic signals, we aim to significantly reduce the risk of crashes at this intersection. This project will benefit everyone who uses these roads, including:

- Drivers: Clear and controlled traffic flow will minimise confusion and potential collisions.
- Pedestrians: Designated crossing periods with signals will ensure safer movement across the intersection.
- Cyclists: Traffic signals will provide increased visibility and predictability for cyclists navigating the intersection.
  To ensure a smooth and successful project, we've divided it into two stages:
- Stage 1: Design (FY2): Our traffic engineers will design the new traffic signal system, considering factors like traffic volume, pedestrian safety measures, and accessibility for people with disabilities.
- Stage 2: Construction (FY27): Following the design phase, construction crews will begin installing the new traffic signals.

ID: 4C.08 **Directorate:** Infrastructure Services

Project Benefits

- New traffic signals will significantly reduce the risk of crashes at the intersection, benefiting drivers, pedestrians, and cyclists by minimising confusion and improving predictability during crossing or navigating the junction.
- Designated crossing periods with signals will ensure safer movement across the intersection for pedestrians.

Project Assumptions

- Main Roads WA approval
- External funding obtained

Strategic Outcome	Strategic Link
4. Our Places	4C. Enhance connectivity and mobility through integrated transport networks

Total Estimated Cost	External Funding	Project Start Date	Project End Date
$2,930,000	$1,953,333	July 2024	June 2027

Financial Year (FY) 2027 Total Cost	Carry forward

Financial Year (FY) 2027 Milestones

Quarter 1	Quarter 2	Quarter 3	Quarter 4
Market engagement for construction contract	Contract award	Construction commenced	Construction completed

Project Timeline

FY 2027	FY 2028	FY 2029	FY 2030
Delivery	X	X	X