**Title**: Mitigation Strategies for Reducing Accidents at Weeroona Avenue & Caledonia Street, Bendigo

**Date**: 8 September 2024

**Item**: Reduce accidents at Weeroona x Caledonia

### **Core message / purpose:**

This paper outlines key recommendations to reduce the occurrence of accidents at the Weeroona Avenue & Caledonia Street intersection in Bendigo. The intersection has been identified as a high-risk area with eight recorded accidents, primarily involving right-turn conflicts and vehicle collisions during afternoon and evening hours. This paper provides targeted measures to address the recurring issues and improve road safety at this location.

### **Recommendation/s:**

That the Committee:

* **Approves** the implementation of road safety improvements, including clearer signage, dedicated turn lanes, and public awareness campaigns at the Weeroona Avenue & Caledonia Street intersection.
* **Endorses** further investigation into traffic signal improvements and speed adjustments at the intersection.

### **Key information:**

1. **Overview**: The Weeroona Avenue & Caledonia Street intersection has recorded eight accidents, six of which involved right-turn conflicts between vehicles. The common time of occurrence is during afternoon and evening hours, between 3 PM and 6 PM. There are no existing dedicated turn lanes, which may contribute to frequent right-turn collisions.
2. **Contributing Factors**:

* **Turn Type**: Right-near turns are the primary cause of accidents, making up 75% of incidents.
* **Time of Day**: The majority of accidents occurred during high-traffic hours in the late afternoon.
* **Road Design**: The lack of dedicated right-turn lanes or signals likely contributes to the conflict between turning vehicles and through traffic.

1. **Proposed Actions**:

* **Installation of dedicated right-turn lanes**: To separate turning traffic from through traffic, reducing conflict at the intersection.
* **Improved road signage**: Install "Give Way" and "Caution: Turning Vehicles" signs to increase driver awareness of turn risks.
* **Traffic signal improvements**: Introduce a dedicated right-turn signal phase, particularly during peak hours, to manage turn movements safely.
* **Speed limit adjustment**: Consider reducing the speed limit at the intersection during peak traffic times to improve reaction time and reduce collision severity.
* **Public awareness campaign**: Launch a campaign to promote safer right-turn practices and remind drivers to yield to oncoming traffic.

### **Risk:**

Without intervention, the high frequency of accidents at the Weeroona Avenue & Caledonia Street intersection may persist, resulting in continued vehicle damage and potential injury to drivers and passengers.

**Approval**:  
  
Name: ?

Position: ?