EXECUTIVE SUMMARY
Proposed new roundabout and collapsible bollards along Woods Terrace to reduce vehicles speeding

RECOMMENDATION
That it be a recommendation to Council

That this report is for discussion and direction

REPORT
1. BACKGROUND

Woods Terrace is 1.4km long and varies in width from 6.8m wide to 10.4m wide and is located between the Stuart Hwy and Head Street Northside Alice Springs,(refer map below) The speed limit along Woods Terrace varies between 60km/h and 40km/h
In February this year a vehicle speeding along Woods Terrace lost control and hit a power pole and fence at 149 Woods Terrace (see map below)

The vehicle was traveling along Woods Terrace towards Head Street in a 40km/h speed zone. Note: the road adjoining Woods Terrace at the accident location is Kunoth Street.

2. **DISCUSSION**

The Technical Service Department have been requested to investigate the possibility of installing a new roundabout at the intersection of Woods Terrace and Priest Way to slow vehicles travelling along Woods Terrace and to investigate the use of collapsible bollards to protect properties along Woods Terrace.

It must be noted that Priest Way is on Crown land and is not an official road and Council would need to contact the NT Government and seek permission to modify part of Priest Way to be able to install the roundabout. It may also be necessary for Council to organize to have Priest Way made into an official road by registering the road on the Crown land survey plan.
The NT Government may request Council to take over the responsibility for the upgrade and maintenance of Priest Way.

The cost to build a roundabout at the intersection of Woods Terrace and Priest Way would be around $400,000 similar to the Roundabouts built at the intersections of (Undoolya Road and Sturt Terrace) and (Undoolya Road and Winneke Avenue)

The cost to build the Undoolya Road and Sturt Terrace roundabout in 2013 was $389,649
- $300,000 from Black Spot funding
- $89,649 from Roads to Recovery

The cost to build the Undoolya Road and Winneke Avenue roundabout in 2010 was $381,462
- $96,162 from Black Spot funding
- $155,000 from Roads To Recovery
- $130,300 from Council

Bollards to be used are Energy Absorbing Bollards (EAB) these bollards would be used in locations identified at approximately every 1.2m. (Refer sketch below)

Due to the proximity of Telstra, Water, etc. in the verge, underground services location to be verified by approved contractors.
800mm deep X 600mm wide concrete beam foundations are required per EBA bollard location
It would cost around $152,250 for 63 EBA bollards to be installed on the verge in front of 137 to 149 Woods Terrace.

Cost breakdown:
- $1750/bollard x 63 = $110,250
- $ Traffic Management $12,000
- Installation $30,000

In 2010 Council was quoted $87,070 to install 36 EBA bollards + 4 spare bollards in front of Little Antz at the intersection of Undoolya Road and Sturt Terrace.

The Technical Service Department recommends applying for Black Spot funding for this site when future funding becomes available. Please note: Black Spot funding will only cover 40% of the cost the other 60% would have to be funded by Council.

3. **POLICY IMPACTS**

   Improve traffic safety

4. **FINANCIAL IMPACTS**

   Roundabout at the intersection of Woods Terrace and Priest Way $400,000
   EBA bollards $152,250

5. **SOCIAL IMPACTS**

   Nil

6. **ENVIRONMENTAL IMPACTS**

   Nil

7. **PUBLIC RELATIONS**

   To provide a safer road network

8. **ATTACHMENTS**

   Nil

---

Stephen Baloban

**MANAGER INFRASTRUCTURE**

Greg Buxton

**DIRECTOR TECHNICAL SERVICES**