

## Darwin Shared Path & Bicycle Lane Technical Notes

### 4. Restricting Vehicle Access on Shared Paths

#### Objective

The objective of the *Darwin Shared Path & Bicycle Lane Technical Notes* is to provide direction and guidance for the planning and delivery of cycling facilities within the City of Darwin area. These technical notes are also intended to provide information for other stakeholders including the NT Government, cycling groups and the community.

#### References

Throughout this document, references have been made to the following technical standards and guidelines:

- AS 1742.3-2009 *Manual of Uniform Traffic Control Devices Part 3: Traffic Control for Works on Roads*
- Austroads *Guide to Road Design Part 6A: Pedestrian and Cyclist Paths* (2009)

The technical note should be read in conjunction with these documents.

#### Introduction

This technical note provides direction and guidance on restricting vehicle access but allowing maintenance vehicles access on shared paths. The information is compiled from multiple sources detailing good design practices adopted throughout Australia.

Consideration of maintenance vehicles on shared paths is important to ensure that access is available for service and maintenance performing repairs and/or upgrades as well as other utilities which are located along the area of the shared path.

#### Access considerations

Generally, maintenance activities for shared paths require the use of a small truck and other heavy machinery. If the paths are not designed to carry live loads imparted by this equipment then pavements will suffer structural damage. This can result in safety issues for cyclists and pedestrians due to cracking, sub-base failure and pavement failure. Therefore, all paths should be designed to withstand at least a fully laden small truck.

In regards to vehicular access on the path, a "service access" should be designated in order to provide a proper route access for service vehicles. These should be preferably located at the entrances to shared paths.

Any physical barriers at these entrances which would normally prevent vehicle access should be easily removable such as removable bollards (such as shown in the figure below) or u-rails. NTG and City of Darwin drawings and documents can provide further direction.

### Removable bollard at the centre of the shared path



During the maintenance period, the appropriate construction management signage and processes should be implemented to warn cyclists and pedestrians of construction works.