

# CONSTRUCTION TRAFFIC AND PEDESTRIAN MANAGEMENT PLAN

## 1-3 CHURCH STREET MUDGEE FIRE SAFETY UPGRADE AND REMEDIAL WORK



## Standards and Codes of Practice

### **AS 1742.3**

Manual for uniform traffic control devices, Part 3 – Traffic control devices for works on roads

### **SAA HB81.1 to HB81.6**

Field guides for traffic control at works on roads. Part 1 to Part 6 cover various examples of work on different roads and under different conditions.

## Workers OHS

Any worker setting up temporary traffic control or modifying permanent traffic controls or directing traffic shall be suitably trained and will be issued with and use suitable PPE

## Signs

The Site Manager is responsible for the placement of temporary signs and their location. The Site Manager shall observe the following guidelines:

- be placed at least 1 metre clear of traffic paths wherever possible;
- be mounted securely;
- be placed in the driver's line of sight;
- not be obscured by parked cars, trees, etc;
- not obscure the driver's view of other signs or other traffic; and
- not be a hazard to workers, pedestrians or other road users

## Prevailing Site Conditions

The Lawson Park Hotel is located on the corner of Church and Short Streets, Mudgee. Both Church and Short Streets are two-way traffic with an intersecting roundabout. The building is a two-storey structure with verandas which straddle the footpath to both street frontages. There is a road offset to the subject corner with parallel parking to Short Street and angled parking to Church Street. The site has delivery access from Church Street and parking access from Short Street.

## Construction Overview

The proposal is to carry out remedial work to Veranda and update the building in requirements with the current Fire Safety and Access for the Disabled Regulations.

A number of posts, handrails and flooring to the veranda will require replacement. New concrete footings would be provided to the new posts. Veranda floor bearers would be reinforced with steel angle. Doors identified on Exit Paths of Travel would be adjusted to comply with current Access for Disabled Regulations. Exit and emergency signs would be upgraded. Carpets to the First Floor deemed to be combustible would be replaced. The existing metal stair to the rear of the building would be replaced with a new metal framed stair. The existing internal metal spiral stair would be replaced with a new timber framed stair.

## Construction Hours

Construction hours are to be restricted to standard hours of construction consistent with the Interim Construction Noise Guideline.

- 07:00 – 18:00 Monday - Friday
- 08:00 – 13:00 Saturday

## Proposed Work Zones

The proposed work zone would be viewed as two distinct areas; external and internal.

The external work is the remedial work to the Veranda and the replacement of the rear metal stair.

The internal work is the Fire Safety and Access for Disabled upgrade and the replacement of the existing metal spiral stair.

The external work would require the footpath to Church and Short Streets under the Veranda to be closed whilst the work on the Veranda is carried out as well as temporary closure of parking spaces for delivery of materials. Parking spaces would be reserved with bollards for delivery of materials.

The replacement of the metal exit stair would require partial road closure for the removal and replacement of the stair by a mobile crane. The crane required would be 55 tonne slew crane which would require 9 x 13.5 m clearance (see Site Image). It would be anticipated the removal and replacement of the stair would require 2 site visits of 4-5 hours.

The proposed internal work would not impact on the traffic or pedestrians and would not require the implementation of work zones requirements.

### **Anticipated Vehicle Movement**

Due to the nature of the work the vehicle movement would be relatively minor. The parking area to the rear of the site would accommodate the trade related vehicles. The number of vehicles would be expected to be less than five per day.

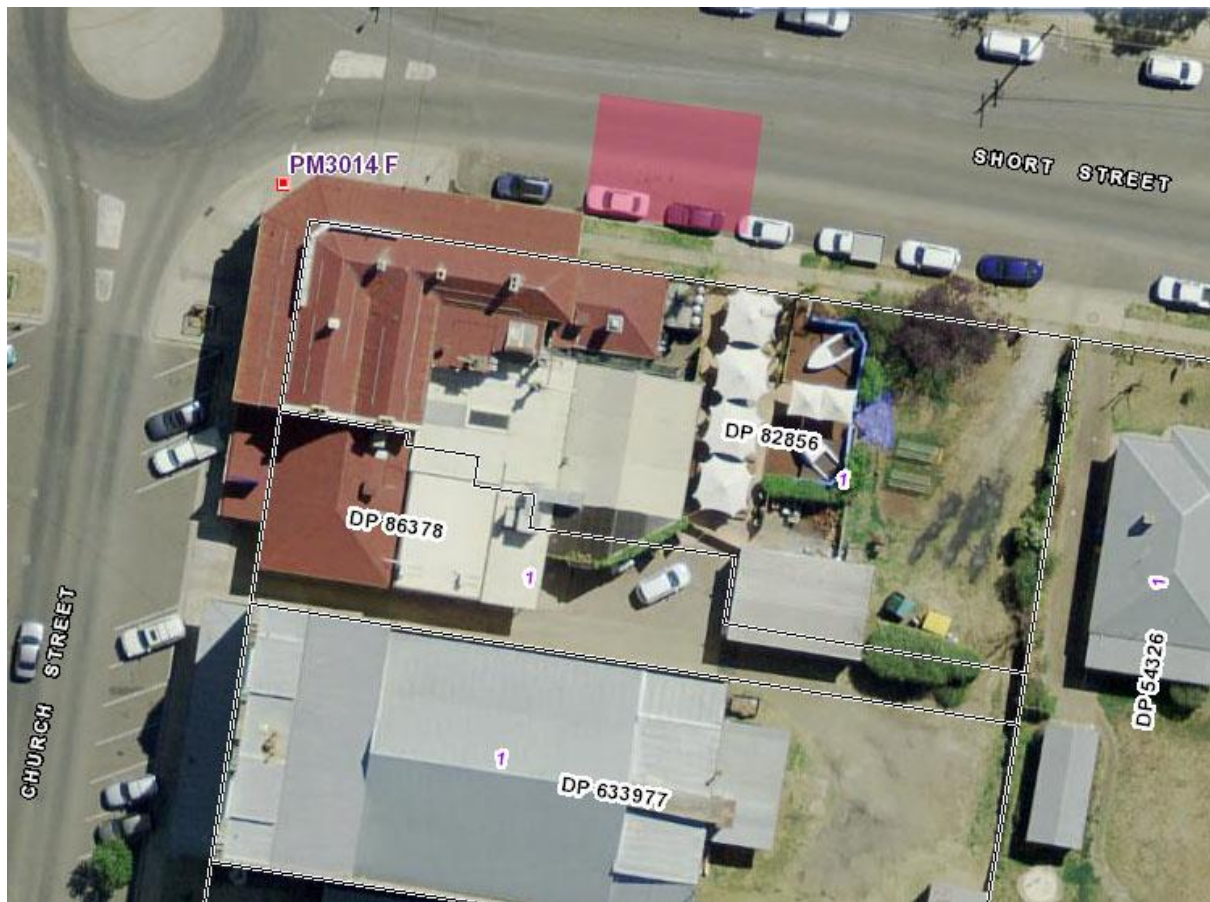
The remedial work to the Veranda would require delivery of scaffolding, props and materials and the removal of the scaffolding, props and discarded materials on completion of the work. Visits to the site by trucks with the anticipated length 12.5 m. would not be expected to be greater than four to six over the period of construction.

The removal and replacement of the exit stair would require visits to the site by a mobile crane and a truck to remove and deliver the components. Visits to the site by the crane and the associated truck would be expected to be twice over the period of construction.

### **Traffic Control**

Pedestrian access to Church and Short Streets under the Veranda would be closed during the remedial work to the Veranda. Paths of a minimum of 1.2 m would be maintained with barriers and signs provided around the work zones. Partial closure of parking spaces to Church and Short Streets to provide pedestrian access would be required. It is anticipated that the duration of work would be four weeks.

Partial closure of Short Street and full closure of the footpath would be required for the operation of the crane. Parking spaces would be reserved with bollards and bollards placed on Short Street to provide clearance when the machinery is operating. Barriers and signs would also be provided to the footpath. It is expected that traffic flows to Short Street would not be affected. It is anticipated that the duration of work by the crane would be two occasions of one day.



Site Image