Technical Note 177

Guidelines for the Installation of Electric Vehicle Charging Station Signs

June 2020
1 Purpose
This Technical Note provides information and guidance on the installation of electric vehicle charging station signs.

2 Background
Following the Queensland Government initiative to create an electric super highway from Gold Coast to Cairns, a number of electric vehicle charging stations at various locations have been installed. There is a need to ensure that signing and pavement marking for the parking bays is consistent throughout Queensland.

3 Signs
3.1 Parking signage at charging station
“NO PARKING, ELECTRIC VEHICLES EXCEPTED WHILE CHARGING” sign (TC1909_1) shall be installed to ensure only electric vehicles while charging occupy the parking spaces at the charging station.

3.2 Service signs to direct motorists to charging station within car park
“ELECTRIC VEHICLE PARKING” sign (TC1909_3) may be installed within the car park to direct motorists to the charging bay.
3.3 Service signs to direct motorists to parking facility with charging station

“PARKING FACILITY WITH CHARGING STATION” sign (TC1909_2) may be installed on the roadway with a speed limit of less than 80 km/h, to direct motorists to the parking facility with a charging station. For high speed roads use the service symbol (SQ07) on the appropriate direction or service sign.

3.4 Electric vehicle charging service sign symbol

This symbol (SQ07) may be used on direction and service signs as required to direct motorists to the charging facility.

If required, direction signs to charging facilities may be provided from the closest state controlled road.
3.5  Sign installation figures

Figure 3.5(a) – Typical signage layout
Figure 3.5(b) – Typical signing layout for high speed roads (≥ 80 km/h)
Figure 3.5(c) - Typical signing layout for high speed roads (≥80 km/h) from a state controlled road.
4 Pavement marking

Two options have been developed for pavement marking for charging stations. Details of pavement marking are given in traffic control sign TC2266 which can be accessed from the department’s TC Signs webpage. The preferred option is shown in Figure 4(a). Emerald Green (G13) shall be used for the pavement patch.

Figure 4(a) – Option 1 -Pavement marking for electric vehicle charging bay
Figure 4(b) – Option 2 - Pavement marking for electric vehicle charging bay