

## Noosa Council – Standard Conditions and Specifications

The following is presented to aid Utilities Companies, their contractors and developer activities within the Noosa Shire.

### Electrical Infrastructure in Road Reserves – Standard Conditions

1. The electrical entity is required to contact council before installing infrastructure in the road reserve to advise council of the nature and location of the intended works and obtain council approval.
2. All procedures and agreements are to be in accordance with the Electricity Act and Austroads Guidelines.
3. All service infrastructure under constructed bitumen or asphalt surfaced roads are to be bored unless specifically approved in writing by council. Only roads with gravel surfaces may be trenched. Road crossings should be at 90° to the road centreline wherever possible.
4. Trenching and reinstatement is to comply with the [Standard Drawing](#) RS-170 (refer item 1 of the Addenda).
5. Any infrastructure laid by or on behalf of an electrical entity in a location, alignment, depth or manner not in accordance with these conditions or standards (non-standard works) will, if required by council, have to be relocated at the carrier's cost unless council gave written acceptance for the non-standard works.
6. Any infrastructure installed without council consultation and approval (whether or not it meets council standards), may require relocation should the installed infrastructure conflict with existing or planned council assets. All costs associated with such relocation work is to be paid by the relevant electrical entity.
7. All infrastructure is to be constructed within the standard telecommunications alignment and at the specified depth in accordance with [Standard Drawings](#) RS-100 and RS-101. Note: This alignment is for the use of all Telecommunication entities.
8. Infrastructure markers for underground installations are to be provided at all kerb crossings, footpaths and driveways (refer item 2 of the Addenda).
9. Redundant pits and conduits are to be removed and the area reinstated.
10. All works within the boundaries of state controlled roads are to be approved by the Queensland Department of Transport and Main Roads (refer to item 3 of the Addenda for [contact](#) details).
11. Traffic control, during construction and/or maintenance, is to be provided and maintained in accordance with the current Queensland Department of Transport and Main Roads '[Manual of Uniform Traffic Control Devices](#)'. The traffic management plan must conform to the MUTCD and signed off by an officer who has completed MUTCD Level 3 qualification. The name and qualification of the completing officer must be shown on the plan. Approved traffic management plans are to be provided to and retained by the utility provider's site staff (including sub-contractors).
12. Traffic Disruption Notification – Council is to be notified of any work requiring traffic management. This is to ensure there is no conflict of projects. Details of the guidelines can be found in item 11 of the specifications. Council would appreciate a period of 7 working days notice. A copy of the approved traffic management plan is to be emailed to [mail@noosa.qld.gov.au](mailto:mail@noosa.qld.gov.au) (refer item 4 of the Addenda).

13. The electrical entity is to obtain current details of council's services from council (refer to item 5 of the Addenda for [contact](#) details). Council's "As Constructed" data is indicative only. Services are to be identified prior to excavation. Any damage to council's services will be repaired at the telecommunication entities cost.
14. NBN infrastructure clearance conditions - carrying out any works in the vicinity of nbn facilities, you must maintain the following minimum clearances:  
300mm when laying assets inline, horizontally or vertically; 500mm when operating vibrating equipment, for example: jackhammers or vibrating plates; and 1000mm when operating mechanical excavators. Adherence to clearances as directed by asset owner's instructions
15. The electrical entity must operate, manage and complete works to prevent the release of Prescribed Water Contaminants into any stormwater or, natural or artificial waterbody. Sediment, sand dirt or mud contaminants must be managed in accordance with the most effective method from either International Erosion Control Best Practice Erosion and Sediment Control Document (<http://www.austieca.com.au/publications/best-practice-erosion-and-sediment-control-bpesc-document>).
16. Council's representative is to be contacted to arrange for inspection of the completed work by council (refer to item 7 of the Addenda for contact details).
17. The electrical entity shall provide "As Constructed" details of non-standard alignments to council. Council shall keep a record of all approved non-standard alignments.
18. If existing concrete pathways/driveways need to be modified or cut, full width panels of pathway/driveways between existing joints are to be removed. No pathways/driveways are to be cut longitudinally in half or part thereof. Reinstatement is to comply with the applicable [Standard Drawings](#): RS-065 for pathways, RS-49 & 50, RS-051 and RS-056 for driveways. When pits and other infrastructure is being installed within council's concrete pathways, localised reinstatement of the immediate fitting surround is not permitted. New concrete panels shall be provided in accordance with [Standard Drawing](#) RS-065, with new and existing construction joints spaced no less than 1 metre.
19. Tree Removal
  - a. Rural Areas – The removal of any trees must be approved separately by council. The application is to include photographs of the site, statement of environmental effects and any environmental controls proposed.
  - b. Urban Areas – The removal of any tree must be approved separately by council. The application is to include photographs of each individual tree identified for removal. Any approval shall be subject to the following conditions.
    - All debris associated with the work is to be removed from the site.
    - The stump is to be ground below the level of the nature strip and backfilled to the original level of the nature strip.
    - No other vegetation is to be damaged.
    - The footpath is to be left in a neat, tidy and safe condition.
20. Tree pruning shall comply with Australian Standard AS 4373 –2007 Pruning of Amenity Trees.
21. All forms of installation and excavations within the calculated protection zone of trees (TPZ), shall comply to AS 4970-2009 'Protection of trees on development sites' (this includes the installation of services near trees in road reserve).
22. All areas that are disturbed by the operations are to be restored to the original conditions which will include, but not be limited to, leveling, compaction to prevent future sinking, top soiling and turf (or seed with a compatible grass seed mixture in rural areas).

23. Service location paint markings on hard surfaces (footpaths and roads etc) must be non-permanent and must be removed after work is complete. Use of crayon, chalk or water-based paint is suggested. The marking of grassed areas is preferred.
24. Where the proposed work requires trenching through turf, destruction of vegetation, cutting of driveways, construction of pillars, pits or poles fronting private property, the electrical entity is required to consult with the affected property owner.
25. Should council's future work require the relocation of service infrastructure installed outside standard alignment, the cost of relocation is to be met by the carrier.
26. At stream locations, council would prefer that the electrical entity not be attached to council bridge infrastructure.
27. A minimum cover of 0.75 metres is to be provided for all service infrastructure under minor road pavements, and minimum cover of 1.2 metres for major/arterial road pavements. A minimum cover of 0.6 metres applies for all service infrastructure within the road verge/footpath.
28. In urban areas where the verge is not a nominal 3% from the back of the kerb, council shall be contacted to determine final levels. Installation of service infrastructure at the existing level may compromise council's ability for subsequent verge or footpath construction. Similarly, where the verge rises either side of a driveway, service infrastructure depths shall be set at a level that allows the verge to be cut down to achieve an accessible path of travel as defined in AS1428.1.
29. The minimum cover requirements are to be maintained under table drains and open drains.
30. All service infrastructure work on council properties and reserves requires separate approval via Council's Property and Business Branch (refer to item 8 of the Addenda for contact details).
31. Pad mount transformers or similar cabinets are not to be located within a footpath area unless specific council approval is obtained. In developed areas, council's preferred location for these facilities is set back from the road reserve boundary in parkland or additional road reserve allocation.  
This may require liaison with developers and/or the Queensland Department of Natural Resources and Mines prior to submitting a proposal to council. Transformer slabs shall be set at such a level, so as to not create a trip hazard.
32. Aerial cable crossings of roads must achieve a minimum clearance of 5.5 metres above the entire trafficked roadway. Refer to the [Energex Overhead Design Manual](#) – Section 4 Clearances.
33. Energex poles for overhead construction is to be on a 3 metre alignment from the property boundary. All underground construction shall be on a 0-900mm alignment from the property boundary unless specifically approved in writing by council.

#### **Addenda**

Item #	Related Condition	Description	
1.	4.	Road reinstatement detail	Refer Standard drawing RS-170 Pavement extension Trenching and Widening
2.	8.	Underground installation marking	E markers are to be provided where underground installations cross under kerbs/driveways and footpaths. All underground, buried electrical joint pits shall be marked with ground identification plates. All changes of direction shall be marked with arrowed ground plates.

3.	10.	Transport and Main Roads Contact	<a href="#">Transport and Main Roads</a> ph (07) 5482 0333
4.	12.	Traffic Disruption Notification	Notify council of specific location 7 working days prior to commencement of works
5.	13.	Council existing underground services	Contact <a href="#">Dial Before You Dig</a> ph 1100
6.	14.	Erosion and Sediment Controls	<a href="#">Erosion and Sediment Controls</a>
7.	15.	Council's representative / inspector	Contact: Technical Officer, Asset and Investigations Unit Ph: 07 53296500 Email: <a href="mailto:mail@noosa.qld.gov.au">mail@noosa.qld.gov.au</a>
8.	30.	Council Property and Business Branch	Contact: Property Officer , Property & Land Organisational Services Ph: 07 53296500 Email: <a href="mailto:mail@noosa.qld.gov.au">mail@noosa.qld.gov.au</a>

Revised Feb 2019 MS