



Energex - Road Reserve Maintenance Activities Permit Approval for 2018-19 Financial Year only

Energex Limited

Attn; Maurie Hibberd – Tracey Thomas(Altus traffic)
Energex Performance Improvement Coordinator

Our Reference: RM2017/08739 Wo 0046342

Your Reference: Energex Road Reserve - Maintenance Activities Approval – 2018-19 financial year

Project Location/Address: Within Noosa Shire Boundaries only

Dear Maurie and Tracey,

Noosa Council has no objection to the provision of an annual ***Road Reserve Maintenance Activities Permit Approval 2018-19 (amended to be renewed annually at the financial years end,30 June 2019)*** to Energex for minor maintenance activities undertaken within Noosa Council Road Reserve.

This approval is subject to the conditions below with all responsibility for community safety, traffic monitoring and traffic congestion impacts are the responsibility of Energex and its contractors to manage.

- 1- No unnecessary delays or disruption to the general public is permitted at any time.
- 2- All Workplace Health and Safety regulations must be adhered to
- 3- All procedures and agreements are to be in accordance with the Electricity Act, Ausroads Guidelines and the following conditions.
- 4- Traffic Managements Plans must be available for each site with all Traffic control, during 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).
- 5- All traffic disruption activities are request to be scheduled outside of school drop off and pick up times in all areas, particularly adjacent to school locations.
- 6- Vehicular and pedestrian access for local residents, buses and businesses to be maintained at all times except when prior approval to the relevant stakeholder has been obtained.
- 7- Local residence and businesses that could be affected by the works are to be notified in writing at least 48 Hours prior to an event and an agreed alternative arranged where access is denied.
- 8- Following the works, the area is to left in a neat and tidy state with any damage repaired and reinstated to Council satisfaction. It is recommended that you take detailed photos of all sites prior to occupation as any identified damage to Council assets may be referred to Energex for repair at the applicant's expense and Council satisfaction.
- 9- All works within the boundaries of state controlled roads are to be approved by the Queensland Department of Transport and Main Roads
- 10- Traffic Disruption Notification – Council is to be notified of any work requiring significant traffic disruption. 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

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. 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>) or Sunshine Coast Regional Council Manual for Erosion and Sediment Control V1.2 (<http://www.sunshinecoast.qld.gov.au/sitePage.cfm?code=erosion-sediment-manual>).
15. 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).
16. 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.
17. 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](#): SEQ R-065 for pathways, SEQ R-50, SEQ R-0051 and SEQ R-56 for driveways. When pillars and pits are to be 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](#) SEQ R-065, with new and existing construction joints spaced no less than 1 metre.
18. 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.
19. Tree pruning shall comply with Australian Standard AS 4373 –2007 Pruning of Amenity Trees.
20. 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).
21. 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).
22. 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.
23. 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.

24. 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.
25. At stream locations, council would prefer that the electrical entity not be attached to council bridge infrastructure.
26. 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.
27. 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.
28. The minimum cover requirements are to be maintained under table drains and open drains.
29. 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).
30. 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.
31. 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.
32. 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 SEQ R-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	Transport and Main Roads 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 Dial Before You Dig ph 1100
6.	14.	Erosion and	Erosion and Sediment Controls

		Sediment Controls	
7.	15.	Council's representative / inspector	Contact: Technical Officer, Asset and Investigations Unit Ph: 07 53296500 Email: mail@noosa.qld.gov.au
8.	30.	Council Property and Business Branch	Contact: Property Officer , Property & Land Organisational Services Ph: 07 53296500 Email: mail@noosa.qld.gov.au

- 11- All activities around 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).
- 12- Tree pruning shall comply with Australian Standard AS 4373 –2007 Pruning of Amenity Trees.
- 13- 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 are required to consult with the affected property owner.
- 14- 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.
- 15- A police permit must be obtained from the Noosa Police Station (07 5440 8111) with a copy provide d to Council Technical Officer for Road Reserves for any proposed temporary road closure or detour activity within the roadway network.

This approval excludes certain location and triggers listed below;

- All new installation works (require a 'Notification of works' application)
- Works on roads under Council control in designated areas due to public/ community events, known traffic flow and disruption locations, including around School zones are as listed below.
- All works in known tourist or business precinct areas as listed below.

- Hilton Terrace, Tewantin
- Hilton Terrace, Noosaville
- Goodchap Street, Noosaville
- Noosa Parade, Noosaville
- Noosa Parade, Noosa Heads
- Noosa Drive, Noosa Heads
- Hastings Street, Noosa Heads
- Park Road, Noosa Heads
- Weyba Road, Noosaville
- Reef Street, Noosa Heads
- Sunshine Beach Rd, Noosa Junction
- Poinciana Avenue, Tewantin
- Cooroy- Tewantin Rd, Tewantin
- Butler Street, Tewantin
- Ben Lexen Drive, Sunshine Beach
- Bicentennial Drive Sunshine Beach
- Gympie Terrace, Noosaville
- School St Pomona
- Reserve St Pomona

- Additional exclusions in the above areas due to public and community events include and are Energex responsibility to identify are;

- All school holiday periods
- Noosa Long Weekend – July 2018
- King Of The Mountain event July 2018
- Noosa Jazz Festival- September 2018
- Noosa Triathlon- October/ Nov 2018
- Noosa Ultimate Sports Festival May 2019
- Noosa Food and Wine festival- May 2019

Approval is required to be sought for activities within these trigger zones via the current 'Notification of Works' process through Noosa Council via mail@noosa.qld.gov.au allowing 10 working days for comment and approval response.

* Note- These triggers are valid to programmed maintenance works and exclude emergency works.

Council reserves the right to change or add any condition to this approval if required.

This approval is to be reviewed annually and is valid until 30 June 2019 with the Technical Officer – Road Reserves- Civil Operations – Infrastructure Department

It is the applicant's responsibility to exercise the appropriate duty of care required to identify any Native Title and/or Cultural Heritage management issues resulting from these works.

Please note that implementation of these works indicates acceptance of the conditions and these works may be inspected by Council on their completion.

Further enquiries should be directed to Mr Martin Sergas on 53296361 or via Council's Customer Service on 5329 6500 or via email via mail@noosa.qld.gov.au

Regards

Martin

Martin Sergas
Technical Officer- Road Reserves
Civil Operations – Infrastructure Services Department
Noosa Council

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Mail: PO Box 141, Tewantin QLD 4565

ABN: 97 969 214 121

Noosa Council – Standard Conditions and Specifications

The following is presented to aid developers 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](#) (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 approval 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 electrical alignment and at the specified depth in accordance with [Standard Drawings](#) SEQ R-100 and SEQ R-101.
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 (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.
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