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8 Elizabeth Street, Maitland  
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**ALL CORRESPONDENCE TO:**  
PO Box 57, MAITLAND, SA 5573  
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<b>APPLICATION TO CARRY OUT WORK ON COUNCIL'S ROADS OR FOOTPATHS</b>	SF039
	Responsible Officer: Asset Manager
	Issue Date: 20/12/2017
	Next Review Date: June 2020

Pursuant to Section 221 of the *Local Government Act 1999 (SA)* any alterations made in, on, across, under or over a road or footpath require Council approval.

**THIS IS A ONE OFF PERMIT**  
This permit is required for all works carried out on Council's roads or footpaths.  
This application must be submitted prior to the commencement of works.

**APPLICANT DETAILS**

Applicant Name: \_\_\_\_\_

Company Name: \_\_\_\_\_  
*(if applicable)*

Postal Address: \_\_\_\_\_

Phone Number (BH): \_\_\_\_\_ Mobile: \_\_\_\_\_

Email: \_\_\_\_\_

**DETAILS OF PROPOSED WORKS** (Please tick the appropriate box)

<input type="checkbox"/> New Underground Electrical Service	<input type="checkbox"/> Concrete / Paved / Sealed Driveway
<input type="checkbox"/> New Underground Pipeline	<input type="checkbox"/> Concrete / Paved / Sealed Footpath
<input type="checkbox"/> New Underground Stormwater Pipeline	<input type="checkbox"/> Other (Please specify): _____
<input type="checkbox"/> CWMS Extension	

**DEFINED AREA WHERE THE PROPOSED WORK WILL TAKE PLACE**

House Number or Rural Property Address Number: \_\_\_\_\_

Road or Street Name: \_\_\_\_\_

Town or Hundred: \_\_\_\_\_

**TIMEFRAME OF PROPOSED WORKS** (Dates need to be inclusive)

Start: \_\_\_\_\_ Finish: \_\_\_\_\_

**PROPOSED HOURS OF OPERATION** (e.g. Monday to Friday 7:00am – 6:00pm)

Day(s) and Date(s): \_\_\_\_\_ Times: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**DOCUMENTS TO BE SUBMITTED WITH THIS APPLICATION**

The following documents must be attached to this application at lodgement:

- **A copy of your current Public Liability Insurance Certificate of Currency for the sum of \$10 million** (minimum)

*This Policy can be either the contractor's or the applicant's (**N.B:** The applicant's Home Insurance Policy may be used provided it includes Public Liability Insurance for the minimum dollar value specified above).*

- **A detailed site plan showing:**

*(This site plan can either be drawn in the space provided within this application or separately attached)*

- the layout of the entire area being used showing the location of property in relation to street alignment etc.;
- the precise location of any service being laid including measurements;
- the position of any equipment that will be on site (e.g. signs, boom lift, etc.); and
- traffic management – you must show how you intend to safely divert pedestrians and/or other traffic around the defined area (e.g. bollards, bunting, signage, etc.).

**WORKS TO BE EXECUTED BY** (Please tick appropriate box)

**APPLICANT:**  
*(Person filling out the form)*

**CONTRACTOR**  
*(Please provide details below)*

Contractor Name: \_\_\_\_\_

Company Name: \_\_\_\_\_

**ANY OTHER ADDITIONAL INFORMATION** (E.g. traffic controllers engaged.)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**DETAILED SITE PLAN**

Please provide a sketch of the defined area where the proposed work will take place, as stated on page one (1) of this application.

A large, empty rectangular box with a thin black border, intended for a detailed site plan sketch. The box occupies most of the page below the text instructions.

**SIGNATURE OF APPLICANT**

I, the applicant, having read and understood the conditions attached to this application agree to the terms as stated within these conditions.

I declare that all the information I have provided on this application form is true and correct, and I have not provided any false or misleading information or documentation.

By signing below you, as the applicant are accepting responsibility and liability of the defined area where the works are to take place and are agreeing to adhere to the conditions attached to this approval.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**OFFICE USE ONLY**

Fee Paid: \$ \_\_\_\_\_

Receipt Number: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**APPROVAL SECTION** (to be completed by Council)

Your application to carry out works to Council's infrastructure for the purpose stated within this application has been:

APPROVED / DECLINED

(Please circle)

If the application has been declined please state the reason(s) below:

\_\_\_\_\_  
\_\_\_\_\_

Name: \_\_\_\_\_

Position: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**THIS PERMIT IS ONLY VALID FOR THE TIMEFRAME FOR THE PROPOSED WORKS AS SPECIFIED ON PAGE TWO (2) OF THIS APPLICATION.**

**COUNCIL CONTACT INFORMATION**

For further information regarding this permit please contact:

Asset Manager  
Assets and Infrastructure Services  
Yorke Peninsula Council  
PO Box 57  
MAITLAND SA 5573  
Phone: 8832 0000  
Email: [admin@yorke.sa.gov.au](mailto:admin@yorke.sa.gov.au)  
Web: [www.yorke.sa.gov.au](http://www.yorke.sa.gov.au)

# CONDITIONS

## 1. LODGEMENT OF APPLICATION

Applications must be submitted at least seven (7) days prior to commencement of work to allow Council adequate time to assess and approve the application. If applications are not received seven (7) days prior approval of the application may be delayed.

## 2. COMMENCEMENT OF PERMIT

This application must be approved by Council prior to the commencement of any works.

No equipment is to be placed in the defined area, nor can any works commence, until all required documentation has been submitted and Council has notified the applicant of their approval. Failure to obtain approval prior to commencement of any works may result in a fine.

## 3. PROOF OF PERMIT

A copy of this permit, which has been signed and approved by the relevant Council Officer, must be kept with the applicant or delegated person(s) whilst working on site, and must be produced immediately if requested to do so by a relevant authority.

## 4. SERVICES

The applicant will be responsible for ensuring that no damage is caused to underground services e.g. power, water, sewerage, telecommunications, etc. during the execution of the work and that provision is made where necessary for the requirements of these utilities to be met.

## 5. HOURS OF OPERATION

The applicant is responsible for ensuring that the hours of operation comply with Environment Protection Authority (EPA) noise regulations so that any noise emanating from the proposed works is not causing a public nuisance and is within EPA regulations.

## 6. ALTERATIONS TO PERMIT

Once approval is granted no alteration to the defined area, location of works, type of works or the hours of operation will be permitted, unless approval is obtained by Council prior to the commencement of the alteration.

If any alteration is required, the applicant must contact Council immediately to advise of the intended alteration at which time Council may request a new application form be submitted prior to approval being given.

## 7. SAFETY MEASURES

It is the applicant's responsibility to ensure that all safety and protective measures are applied throughout the duration of the work so that the safety of pedestrians, vehicles and other road users is not endangered, and no damage to public infrastructure is caused during the execution of works.

The applicant shall ensure, to the satisfaction of Council, that the defined area is adequately lit at night and that all appropriate barriers, signage and warning devices are installed to protect the public. The applicant shall ensure that the said signage and devices comply with Australian Standard AS1742: *Manual of uniform traffic control devices* at all times.

## 8. EQUIPMENT

Council does not lend out any equipment that may be required for the duration of the works. All signage, safety barriers, bollards, bunting, etc. must be acquired by the applicant from a source other than Council.

## **9. AREA TO BE KEPT CLEAN**

The applicant shall be responsible for keeping clean the defined area where the works is carried out, as well as keeping the footpath and roadway in vicinity of the defined area clear of waste materials and free from all potential hazards.

## **10. PUBLIC LIABILITY INSURANCE**

The applicant must provide a copy of a current Public Liability Insurance Policy, which covers the life of this permit, insuring for a minimum sum of ten million dollars (\$10 million) to indemnify Council.

If the applicant is not a registered business owner, a current Home Insurance Policy including Public Liability Insurance for a minimum sum of ten million dollars (\$10 million) can be provided in lieu of Public Liability Insurance.

## **11. INDEMNIFICATION OF COUNCIL**

The applicant must accept all responsibility and must agree to indemnify and keep indemnified and to hold harmless the Council, its servants and agents from all actions, costs, claims, charges, expenses and damages whatsoever which may be brought or made or claimed against them arising out of or in relation to the granting of such permit and the establishment and operation of the said works.

## **12. PUBLIC ACCESS**

Throughout the duration of the works, the applicant must provide adequate footway access for pedestrians, which is no less than 1.5m wide, or show on the submitted site plan how they will safely divert pedestrians around the worksite including what safety measures they will have in place to accommodate this diversion.

## **13. NOTIFICATION TO SURROUNDING PROPERTIES**

It is recommended that the applicant notify the properties surrounding the proposed work to ensure they are aware of any disruptions to access that may occur, and to allow them adequate time to make alternate arrangements, if required.

## **14. CLOSING ROADS**

If, at any time, the road needs to be temporarily closed to the traffic as part of the proposed works, only persons with current WorkZone Traffic Management qualifications can set up the road closure, and all signage displayed must comply with WorkZone Traffic Management requirements. The applicant must notify Council and all emergency services of the proposed closure prior to the road closure being instigated, including details of when the road will be re-opened.

## **15. COMPLETION OF WORKS**

Upon completion of the works the area as defined within the application must be reinstated to a satisfactory condition, as it was prior to the commencement of the works.

The applicant must notify Council once the work has been completed so that the defined area can be inspected to ensure it has been reinstated to a condition deemed satisfactory to Council.

## **16. COMPLIANCE**

If, at any time, Council deems the applicant has breached any of the said conditions, Council has the right to request immediate rectification to the defined area, or any aspect of the proposed works that does not meet Council's requirement. If the applicant refuses to comply, termination of this permit may occur and the applicant may also be liable to pay a fine for this non-compliance.

## 17. APPLICANT TO PAY REPAIRS

The applicant must bear the full cost of any repairs to damage carried out by Council or its nominated agents within the defined area of the works including the area immediately adjacent to the defined area, which, in the opinion of Council, have been caused by the activities of the works as defined within this application.

## 18. FOOTWAYS / DRIVEWAYS

There must be a minimum of at least 1.2m of footway that is no steeper than a gradient of 1.40, which is a rise of 25mm/m.

## 19. CONCRETE OR PAVED FOOTWAYS / DRIVEWAYS

If the applicant is constructing a concrete or paved footway or driveway, it is the responsibility of the applicant to ensure that the specifications set out in the below table are adhered to.

Land Use	Base Course	Concrete		Pavers*
		Slab Thickness	Reinforcement	
Residential	75 mm	100 mm	S L 62	60mm
Commercial (including carparks)	75 mm	125 mm	S L 72	40mm – pedestrian access only 60mm – other
Industrial	75 mm	150 mm	S L 82	60mm

\*N.B: Only concrete pavers are to be used.

## 20. TERMINATION OF PERMIT

Council has the authority to terminate this permit or vary the conditions at any time, by providing the applicant written documentation advising of the termination or variation at least twenty-four (24) hours prior to such termination or variation.

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# **STANDARD SPECIFICATION**

**FOR**

## **EXCAVATION AND REINSTATEMENT OF SERVICES UNDER COUNCIL CONTROLLED LAND**

**(RELEVANT TO THE INSTALLATION AND MAINTENANCE OF UNDERGROUND SERVICES)**



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## 1. SCOPE

The excavation and reinstatement requirements contained in this Specification apply to roads and reserves, which are maintained by the Council (as defined in Clause 2.2 "Council"). All work must conform to this Specification unless otherwise approved by the Director Assets and Infrastructure Services.

This Specification must be adhered to when excavation, along or across any pavement or shoulders on these roads is required for service installation, relocation of existing services, drainage or other reasons.

Notwithstanding any variation to certain requirements which any government authority (federal or state) may consider it can exercise by virtue of its own or any other enabling legislation with respect to any underground installations, the technical and quality standards of roadwork and materials specified herein are the minimum acceptable within the meaning of words "make good" or "reinstatement" used in most such legislation.

## 2. DEFINITIONS

### 2.1 General

The definitions given in AS1348: *Road and traffic engineering - Glossary of terms* shall apply to all appropriate wording in this Specification.

### 2.2 Council

"Council" means the Yorke Peninsula Council.

### 2.3 Director Assets and Infrastructure Services

"Director Assets and Infrastructure Services" being the Council Officer directly responsible for any form of construction and/or maintenance of Council owned land within the Yorke Peninsula Council or the Asset / Infrastructure / Operations / Works Managers, as delegated by the Director Assets and Infrastructure Services.

### 2.4 Service Authority

"Service Authority" means the person, statutory authority, government department, corporate body or any other organisation (private, state or federal) responsible for the excavation and reinstatement referred to in this Specification. Examples include:

- Telstra
- SA Water
- SA Power Networks
- Private individuals

### 2.5 Minor Programmed Works

Works confined to two (2) days duration from commencement to completion.

### 2.6 Major Programmed Works

Works exceeding two (2) days duration from commencement to completion.

### 2.7 Excavation

"Excavation" is to incorporate any disturbance to any surface.

## 3. STAGES

### 3.1 Notification of Proposed Works

Notification should be formally given to Council (refer SF039 Application to Carry out Works on Council's Roads or Footpaths) prior to work commencing.

### **3.2 Approval**

Council will notify the service authority of their approval or refusal of the application, including any alterations, specifications, timeframes, or any other concerns e.g. native vegetation, future works, planning requirements, etc.

### **3.3 Undertaking the Works**

Council must be notified prior to the commencement of work to ensure that relevant inspections can take place to confirm location, compliance to specifications and reinstatement, if required.

### **3.4 Completion of Works**

The service authority, upon completion of the works, must notify Council of the completion of the works as soon as possible so that compliance can be ascertained.

The service authority may also be required to supply Council with a plan of the completed works showing:

- the location;
- the depth(s) of the service;
- any reference to on-site features such as boundaries, posts and buildings;
- measurements of the location and size of the services;
- any other services depicted; and
- references to any known easements.

## **4. GENERAL**

### **4.1 Council Notification**

The service authority must notify Council where it carries out excavation on, along or across any road pavement, shoulder or reserve, which is maintained by Council, in accordance with the procedures set out below.

These procedures also apply to those service authorities where enabling legislation (e.g. *Water Industry Act 2012* (SA)) provides for, or where the Director Assets and Infrastructure Services approves otherwise, the quality, supply and placing of the surfacing by the service authority (as in accordance with Clause 7.5 "Asphalt and Sprayed Bituminous Surfacing").

#### **4.1.1 Minor Programmed Works**

Where the Council is to undertake final surfacing, at least forty-eight (48) hours notice must be given to the Director Assets and Infrastructure Services before any work is commenced, otherwise prior notice is not required.

#### **4.1.2 Major Programmed Works**

Work must be undertaken in accordance with drawings, specifications and work methods submitted at least four (4) weeks prior to the intended work and approved by the Director Assets and Infrastructure Services, before any work is commenced.

Furthermore, the service authority is responsible for advising the Director Assets and Infrastructure Services at least twenty-four (24) hours before commencement of excavation to ensure that regular inspections and arrangements for final reinstatement can be made.

#### **4.1.3 Emergency Works**

Where either the road pavement or shoulder is damaged, or excavation of some is necessary in emergency situations, the service authority must provide verbal notification to the Director Assets and Infrastructure Services, as soon as practicable after the emergency becomes known, to ensure that regular inspections and arrangements for final reinstatement and maintenance period commencement can be made.

#### **4.1.4 Attachment of Services to Bridge and Culvert Structures**

Drawings, including fixture details, are to be submitted to the Director Assets and Infrastructure Services, at least six (6) weeks prior to the intended work, and approved by the Director Assets and Infrastructure Services before any work is commenced.

#### **4.2 Identification of Completed Work within the Maintenance Period**

After completion of the work, and at any time upon request within the maintenance period, the service authority must supply the Director Assets and Infrastructure Services with details, including sketches, size, location and date constructed, of their reinstatement.

#### **4.3 Safety**

The service authority is responsible for the safety of vehicle, bicycle and pedestrian traffic for the duration of the work and all due precautions must be taken, and adequate warning given, to traffic to ensure safety around the worksite in accordance with the *AS1742: Manual of uniform traffic control devices*.

##### Work Health and Safety

The service authority must supply to Council a copy of their Work Health and Safety (WHS) Policy or, if not available, agree to the specific conditions as per the WHS Policy of the Yorke Peninsula Council.

##### Public Liability Insurance

The service authority is to show to Council proof of Public Liability Insurance to the value of 10 million dollars (\$10 million).

#### **4.4 Trenchless Methods**

This Specification does not apply to the installation of services where alternatives to open trenching such as thrust boring, tunneling, etc. are used. The Director Assets and Infrastructure Services, who will specify the appropriate reinstatement procedures, must be given prior notice if it is intended to use trenchless methods. However, plans of the proposed new services still need to be supplied.

### **5. EXCAVATION**

#### **5.1 Trenching Times**

Trenching, which is likely to reduce traffic volumes, should not be carried out between 7.00am and 9.00am or between 4.00pm and 6.00pm on peak flow traffic lanes, unless unavoidable due to emergency circumstances, or otherwise approved by the Director Assets and Infrastructure Services. Works must be organised so as to cause minimal disruption to traffic, pedestrians and access to properties at all times.

Approximately one (1) half of the carriageway must remain open to traffic at all times, unless otherwise approved by the Director Assets and Infrastructure Services.

The Director Assets and Infrastructure Services, at their discretion, can alter the trenching time to reduce disturbance to adjacent residential properties.

## 5.2 Sawcut

The trench must be sawcut to the full depth of the existing asphalt surface. Where cement stabilised pavement exists, the pavement must be sawcut to the full depth (unless restricted by cutting equipment) to minimise damage to the surrounding pavement.

A sawcut is not required for roads surfaced with a light bituminous surface treatment.

## 5.3 Excavated Material

Unless otherwise approved by the Director Assets and Infrastructure Services, excavated material must not be reused in the reinstatement of trenches and must be removed from the site and appropriately disposed of.

## 6. BACKFILL

Prior to backfill operations, all loose rubbish and foreign material must be removed from the excavation. All spaces excavated and not occupied by permanent work must be backfilled.

Excavations must be backfilled with Sand Type C to Standard Specifications PM63 or alternatively, if approved by the Director Assets and Infrastructure Services, clean quarry material using AS1289: *Methods of testing soils for engineering purposes*, test method 5.2.1 (modified compaction) for:

- (a) not less than 90%, up to a level 800mm below finished level; and/or
- (b) not less than 95% at all levels above 800mm below finished level.

For pavement reinstatement other than unsealed shoulders the compacted backfill must be brought to a level 525mm and 460mm below the finished road level for asphalt and sprayed bituminous roads respectively. For unsealed shoulders the compacted backfill must be brought to a level 300mm below the finished level.

## 7. PAVEMENT REINSTATEMENT

### 7.1 Asphaltic Concrete Surfaced Roads

After completion of the backfill, 20mm crushed road with 2% cement must be used to reinstate the excavation to a level not less than 50mm or more than 75mm below the existing surface adjoining the excavation. The crushed rock shall comply with Standard Specification PM32 and with the addition of 2% cement must be described by a suffix system as PM32, C2.

As an alternative to quarry supplied material, it is permissible to add cement to crushed rock PM32 on site to the following mix: 40kg of cement (General Blend) to 1000kg of crushed rock.

The cement treated crushed rock must be uniformly compacted in horizontal layers not exceeding 150mm thickness to not less than 98% of the dry density determined using AS1289: *Methods of testing soils for engineering purposes*, test method 5.2.1 (modified compaction).

To ensure maximum performance of the cement treated material, the cement treated material must be placed and compacted within two (2) hours.

### 7.2 Sprayed Bituminous Surfaced Roads

After completion of the backfill, 20mm crushed rock to Standard Specification PM32 must be used to reinstate the excavation to a level approximately 10mm below the existing surface adjoining the excavation. The reinstatement depth may vary slightly with the Average Least Dimension of the final aggregate size selected.

The crushed rock must be uniformly compacted in horizontal layers 150mm thickness to not less than 98% of the dry density determined using AS1289: *Methods of testing soils for engineering purposes*, test method 5.2.1 (modified compaction).

### **7.3 Unsealed Shoulders**

After completion of the backfill, a compacted 300mm depth of 20mm screened quarry material complying with Standard Specification PM11, or equivalent material approved by the Director Assets and Infrastructure Services, must be placed and compacted in two (2) horizontal layers to reinstate the shoulder to the finished shoulder level and matching crossfall. Compaction must be to 95% of the dry density determined using AS1289: *Methods of testing soils for engineering purposes*, test method 5.2.1 (modified compaction).

### **7.4 Temporary Pavement Surfaces**

On completion of backfill and pavement reinstatement it will be the responsibility of the service authority to maintain the open surface of the reinstated excavation until final asphalt or other bituminous surfacing has commenced.

A temporary pavement surface must be provided and maintained by the service authority, who must ensure the surface is in safe and trafficable condition for all traffic including bicycles, at all times pending final surfacing.

### **7.5 Asphalt and Sprayed Bituminous Surfacing**

The service authority will arrange or place asphalt or other bituminous surfacing at its own cost for all excavation reinstatement work.

Where enabling legislation of the service authority overrides this stipulation (i.e. *Water Industry Act 2012 (SA)*) or where the Director Assets and Infrastructure Services approves otherwise, the quality, supply and placing of the surfacing can be undertaken by the service authority, provided that in all circumstances confirmation is made with the Director Assets and Infrastructure Services to ensure that no modified asphalt treatment (e.g. Open Graded Friction Course) exists along the road section where work is to be carried out.

Where modified asphalt treatment exists the Director Assets and Infrastructure Services will specify the appropriate surface reinstatement procedure.

Wherever standard asphalt or other bituminous surfacing exists the following surface reinstatement requirements will apply as appropriate:

- (a) Comply with quality requirements and the finished acceptance criteria of Standard Specification for Asphalt (Bituminous Surfacing of Roads) A.7.
- (b) Comprise a sprayed prime or tack coat and asphaltic concrete AC14 surface course mix to the requirements of A.7, unless otherwise directed by the Director Assets and Infrastructure Services, placed in layers not less than 30mm or greater than 50mm compacted thickness, finished off evenly and flush with the adjoining pavement surface.
- (c) Comprise primer seal and sprayed bituminous surface with matching size and texture to the existing adjacent road surfacing placed not less than forty-eight (48) hours after the primer seal with an emulsion or hot cut-back binder. The level of workmanship must comply with the general requirements of the Standard Specification for Seal Coat Treatment A.5.

### **7.6 Pavement Markings**

The service authority must lodge an order with the Director Assets and Infrastructure Services to cover the full cost of reinstatement of any painted pavement markings, raised pavement markers or safety bars, which are removed or damaged during trenching works. This order must be lodged as soon as practicable.

## **7.7 Road Furniture**

The service authority must replace all road signs, guide posts, guard fence or other road furniture, which are temporarily removed or damaged during trenching work, ensuring that all road furniture is made good (including sign mounting heights) and cleaned. This work is to be completed prior to traffic use.

## **7.8 Concrete Kerbing**

The service authority must reinstate (in concrete) any concrete kerb and gutter or median type kerb, which is removed or damaged during trenching work, ensuring that the kerb profile conforms with the existing kerb. The service authority must complete kerb reinstatement within three (3) days of leaving the worksite.

Concrete used in the work must be in accordance with AS1379: *Specification and supply of concrete* and must be Grade N20 concrete.

## **7.9 Road Drainage Systems**

The service authority must report all instances of damage caused to the road drainage system (i.e. culverts, sumps, subsoil drainage, roadside drainage systems, etc.) incurred during trenching works to the Director Assets and Infrastructure Services. All costs for the repairs will be borne by the service authority.

## **7.10 Medians / Traffic Islands**

The service authority must reinstate medians and traffic islands to conform with the existing surface treatment.

The service authority must lodge an order, as soon as practicable, with the Director Assets and Infrastructure Services to cover the replacement of any vegetation (e.g. shrubs, median grasses, etc.) that are removed or damaged during trenching works.

## **7.11 Native Vegetation**

The service authority / applicant must take into account all relevant information under the *Native Vegetation Act 1991* (SA) and Council's native vegetation management plans (where applicable) and use proper land management principles. Removal and disturbance of native vegetation and trees must be avoided. However, where there are situations where it is not possible to avoid damage or removal of native vegetation and trees within the road reserve, the service authority must obtain approval from the Director Assets and Infrastructure Services. In certain circumstances the Native Vegetation Council will be consulted.

### Sustainable Land Management

Sustainable land management refers to the organisation or regulation of land use activities for a specific purpose in the manner that will support sustained use. The objective of sustainable land management is the maintenance and improvement of the integrity of the land, water, atmosphere and its aesthetic value.

## **7.12 Other Services**

It is the responsibility of the service authority to identify the location of other services such as Telstra, SA Water, SA Power Networks, etc.

## **8. CONFORMITY TESTING**

The service authority must submit to the Director Assets and Infrastructure Services copies of laboratory test results to confirm compliance with material and compaction requirements, as specified herein, for any reinstatement works carried out within fourteen (14) days of testing.

**N.B:** Testing is not required for emergency work.

Testing must be undertaken by a laboratory registered by the National Association of Testing Authorities (NATA).

The arrangement and cost of such testing will be borne by the service authority, and it will be the responsibility of the service authority to remove and replace any material used by the service authority that does not comply with this Specification.

### **8.1 Material**

All pavement material must comply with PM32.C2 as appropriate, and conformance documentation may be required.

### **8.2 Compaction**

The following minimum frequencies of testing shall apply:

#### (a) Pavement

- 0-50m<sup>2</sup> - no testing required
- 50-200m<sup>2</sup> - minimum two (2) tests
- Over 200m<sup>2</sup> - two (2) tests and an additional test for every 200m<sup>2</sup> over 200m<sup>2</sup>

#### (b) Backfill

No testing required unless otherwise directed by the Director Assets and Infrastructure Services.

## **9. MAINTENANCE PERIOD**

For all work, notwithstanding the reinstatement of the surface by the Department of Planning, Transport and Infrastructure, the service authority will be responsible for the cost of making good any settlement or other deterioration in the reinstated excavation for a maintenance period of one (1) year after reinstatement.

Where it is agreed by the Director Assets and Infrastructure Services that the reinstatement of the asphalt or other bituminous surface of the excavation for a service installation or repair service is to be carried out by the service authority, or where enabling legislation exists, then the responsibility to maintain the completed surface in a safe and trafficable condition for all traffic including bicycles will remain with the service authority until the end of the maintenance period.

The service authority will indemnify and keep indemnified the Council against all claims that may arise due to excavations or settlement of excavations until the maintenance responsibility has transferred to Council.

All cost and charges incurred by Council for any works necessitated by the Council due to non-compliance with the requirements of this Specification for all installations by the service authority are to be borne by the service authority until the end of the maintenance period.

Before carrying out any work necessitated by settlement of the excavation for all installations, and for which an order has not been obtained, the Director Assets and Infrastructure Services will give notice, in accordance with the requirements of Section 221 of the *Local Government Act 1999* (SA), to the service authority of their intentions so that the deficient work may be inspected before rectification.