ACT Government

Transport Canberra and City Services

SmallCell Infrastructure on the Streetlight Network - Guidelines

Document Information:

Review and Approval

Date approved:	December 2020
Date effective:	1 December 2020
Approved by:	Shelly Fraser, Executive Branch Manager, Roads ACT
Review period:	July-October each year or following a significant change in the services delivered by the Transport Canberra and City Services Directorate

Document Details

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Version Control

Version	Issue Date	Author	Details
0.1	Jan 2019	Assistant Director, Environmental Services	Draft, Review, For Approval
0.2	Feb 2019	TCCS Legal	Reviewed by TCCS Legal
0.3	May 2019	Assistant Director, Environmental Services	Draft and incorporating comment from Evoenergy
0.4	May 2020	Senior Director, Road Maintenance	Review for approval
0.5	June 2020	Executive Branch Manager, Roads ACT	Review for approval
0.6	November 2019	Director, Environmental Services	Further amendments, For Approval
0.8	November 2020	Small Cell Coordinator	Review for approval
0.8	November 2020	Senior Director, Road Maintenance	Final review for approval
0.9	November 2020	Executive Branch Manager, Roads ACT	Approval for release on TCCS website

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1.0 Small Cell Infrastructure on the Streetlight Network Guideline

1.1 Purpose

Transport Canberra and City Services (**TCCS**) manage over 80,000 streetlights in the ACT. The Small Cell Infrastructure on the Streetlight Network Guideline's ('**Guideline**') purpose is to assist telecommunication carriers in the application and approval process with the ACT Government for the installation of small cell telecommunication equipment onto the streetlight network. This includes, but not limited to:

- Small Cell equipment (4G or 5G)
- Radio base stations with a low power output

The Guideline process also applies to how TCCS will manage attachment of other government devices onto the streetlight network including, but not limited to:

- Wireless Access Points (WAPs)
- Smart Parking
- CCTV
- Meters
- Environmental sensors

TCCS has limited capacity to deal with the expected high volume of applications. The Guideline sets out an interim process in order to achieve a positive outcome for the Canberra community.

The Guideline highlights the importance of the streetlight network for the local community and ensure it continues its important function in a co-located environment with the Telecommunication Carriers and other operators.

Safety of workers and members of the public is paramount. The Guideline provides outlines a process to ensure a safe operating environment.

1.2 Scope

This document applies to any Third Party (likely to be a telecommunication carrier, government entities or third-party developer) who intends to install any small cell telecommunication equipment onto the streetlight network and outlines a process that the Applicant will need to follow.

There are generally four acceptable phases in the process:

Phase 1: Pre-assessment;

Phase 2: Full assessment;

Phase 3: Approval; and

Phase 4: Compliance with standards and Operations.

All definitions within this document is to be read in conjunction with Permit for Telecommunications Installation on Streetlights that must be signed between the Carrier and TCCAS prior any application commencement. To obtain the permit template please email your request to:

TCCS.SmallCell@act.gov.au

Attention: Manager, Small Cells

Subject: Small Cell Permit Template

Note:

This Guideline provides a process guide through the assessment process with Transport Canberra and City Services (TCCS). Applicants must arrange a Permit prior to the assessment process.

The Environment, Planning and Sustainable Development (EPSDD) also requires the Applicant to consider whether the equipment will need a licence to occupy or use unleased Territory Land. This is for the Applicant to coordinate with EPSDD. This process is normally used when small cell infrastructure is attached to other structures outside of the TCCS owned and operated streetlight network.

Under no circumstances does this replace any approvals that are required from Evoenergy or ActewAGL Retail.

A memorandum of understanding or alternative agreement is drafted between TCCS and another ACT Government Directorate and will be dealt with on a case-by-case basis.

1.3 Streetlight Network

TCCS manages over 80,000 streetlights in the ACT. Public lighting provides multiple benefits including:

- improving safe lighting for pedestrians, vehicles and cyclists;
- promoting security in urban areas;
- increasing the quality of life by artificially extending the hours in which activities can take place.

TCCS is likely to receive a high volume of applications to install smart cell telecommunication equipment onto the streetlight network.

Co-located assets or installation of equipment on the streetlights will need to operate to undertake the appropriate measures to ensure effective operations of all networks to the potential it can operate.

1.4 Streetlight Network Code

TCCS is currently developing a Streetlight Network Code ('**Code**'). The Code is a requirement under Part 14, Division 14.1 of the *Utilities Act 2000* (ACT). The Code will apply to the streetlight network. The Code will also set out the requirements for the streetlight network to design, construct, operate and maintain the network in a safe and reliable manner and in a way that prevents interference with, and damage to, other assets, including other utilities.

Section 229B(2) of the Utilities Act 2000 provides that

"The draft streetlight network code may set out the following:

(a) arrangements for the interaction between the Territory and another entity in relation to the streetlight network, including the following:

(i) the Territory's access to infrastructure owned by the Territory that is installed in a structure not owned by the Territory;

(ii) an entity's access to infrastructure owned by the entity that is installed in a structure owned by the Territory;

(iii) resolving disputes in relation to the arrangement;

(b) arrangements in relation to the appointment of a territory service authorised person for the streetlight network".

Until the Code is developed, this Guideline and any other direction from the ACT Government will take precedence.

1.5 Guideline Review

The Guideline should be reviewed annually and incorporate the changes to process and provide continued improvement in the roll out of smart cell infrastructure equipment.

1.6 Distributor Small Unmetered Loads Network Charge

Any small cell infrastructure will be subject to the approval of the energy distributor and retailer prior to submitting any form of application to TCCS. Evoenergy has an unmetered load network charge and approval process for these devices.

TCCS request at the time of lodging the application that the National Meter Identifier be provided of which the Small Cell will be billed against.

Streetlight Supply Connections Approval Procedure PR3215 (Evoenergy, 2017)

The document is applicable to all proposed changes to TCCS existing streetlight network that is supplied by Evoenergy's electricity network. This procedure applies to additions and circuit augmentations/modifications that result in additional load of >5A per phase to the Evoenergy network.

TCCS and Evoenergy have agreed that any additions and circuit augmentations/modifications and there is no resultant additional load >5A per phase to the Evoenergy network, TCCS can complete their construction work without requesting approval from Evoenergy.

In the case of the small cell infrastructure, the same principle applies, that any devices that did not result in an additional load >5A per phase to the Evoenergy network, then TCCS could approve the construction works.

2.0 Phase 1: Pre-Assessment

2.1 Pre-Assessment

The pre-assessment phase can assist Applicants in obtaining preliminary information before deciding to proceed to the full application phase. This section outlines the information available to undertake the pre-assessment.

Table 1 Streetlight Information

Streetlight Data	Type of Information	Where to get this information
Column replacement (TCCS currently has no proactive program to undertake column replacement for the purposes of small cell infrastructure)	A small number of columns require replacement because of Third Party damages or through structural issues identified by our Streetlight Contractor or by TCCS Officers.	Applicant: A site assessment will identify the structural integrity of the pole. The Applicant must undertake an inspection.
	A small number of columns are replaced in Capital Work Projects such as road upgrades or new roads.	Applicant: The Carrier must visit: https://www.cityservices.act.gov.au/Infrastructure-Projects to determine potential impact. TCCS (Infrastructure Delivery) will provide further information.
Streetlight column number	Light pole asset number	The number can be found on an asset tag mounted on each pole. The applicant must visit the site to confirm the number and provide photo evidence.
Streetlight circuits	Streetlight circuits such as information of cable locations and columns	Applicant: Dial Before You Dig
Streetlight 24-hour power	Streetlight columns that are 24 hours powered	TCCS: Roads ACT will provide this information. This information is not currently available in a map format or data format.
iTron Smart City Access Nodes	Access nodes (approximately 50 columns)	TCCS: Roads ACT will provide the list of reserved columns.
Safe Electromagnetic Emission (EME) Level	Relevant standard to compliant.	Applicant: The applicant must ensure that, safe emission levels are met Australian Radiation Protection and Nuclear Safety Agency – Radiation

Streetlight Data	Type of Information	Where to get this information
		Protection Standards.
Other Telecommunications or devices present		Applicant: The Applicant must undertake a site inspection.

The steps for **Phase 1: Pre-Assessment** involves filling out the Pre-Assessment Checklist (**Appendix A**) through an online form. Further instructions are in the Checklist. A summary of the steps is below:

1. The Applicant is required to provide:
    a. Contact details
    b. Column identification (determine asset number);
    c. Capital Works Project status (visit the website);
    d. Site Assessment (Photos of the streetlight column); and
    e. Submit pre-assessment request to TCCS.
2. TCCS is to provide:
    a. Capital Works Project update (if columns will be replaced or changed to 24 hour power);
    b. Streetlight 24 hour power status;
    c. Return the pre-assessment to the Applicant; and
    d. Any information on network modifications that may be required including an estimate of costs for mandatory TCCS works.

Note:

TCCS will make all reasonable endeavours to return the pre-assessment to the Carrier within ten (10) business days and no longer than a maximum of twenty (20) business days.

The Pre-Assessment Form must be filled out online via online application.:

https://forms.act.gov.au/smartforms/servlet/SmartForm.html?formCode=1532

Note:

1. **Carriers can submit only one request per form.**
2. **Carriers should endeavour to submit pre-assessment applications grouped into suburbs locations.**

Any questions related to the assessment should be submitted to:

TCCS.SmallCell@act.gov.au

Attention: Manager, Small Cells

Subject: Pre-Assessment questions

3.0 Phase 2 and 3: Full Application and Approval

3.1 Full Application

Following pre-assessment, the Carrier will lodge a Full Application. The Full Application Checklist is provided in **Appendix B**. The application is lodged through an online form. The applicant will receive a link for the form in an automatic email with pre-assessment results.

Full applications provide TCCS all the necessary information to determine:

- the potential impact of co-locating the small cell telecommunications equipment including during the operation and maintenance of the streetlight network; and
- the likely impacts to the surrounding environment (if any).

The full application must include:

1. Design Report that shall consist of:
    a. Locality map clearly articulating names of all surrounding roads
    b. Scope of works,
    c. Works specification,
    d. A radius of exclusion zone to be clearly marked on locality plan (pdf) and a certification from environmental consultant.
    e. Electromagnetic emission levels and exclusion zone certificate to be provided from Environmental Consultant;
    f. Protocol for emergency isolations and removal of equipment.
2. Design drawings as per TCCS Reference Document 8 requirements
3. Design certification including electrical and structural certification from chartered engineer.
4. Actew AGL National Meter Indicator
5. Date and time of proposed installation
6. Operational and emergency contact details

The principles of Phases 2-3 are to ensure columns are:

- Structurally safe;
- Compliant to carry load; and
- Comply with design standards.

Note:

TCCS will make all reasonable endeavours to determine an outcome of the Full Application to the Carrier within twenty (20) days and no longer than thirty (30) business days.

To assist with the full application process, current TCCS Standard Drawings are provided at **Appendix C**.

- Complete set of standard drawings is available at following website: https://www.cityservices.act.gov.au/plan-and-build/standards-codes-and-guidelines/municipal-design-standard-drawings#MIS14%20-%20Public%20lighting

3.2 Approval process

Approval applications will depend on its compliance to relevant standards listed in the checklist and the Carrier's compliance to the **Permit for Telecommunications Installation on Streetlights.**

Other useful tools to assist in the application and approval process are available on the TCCS website:

https://www.cityservices.act.gov.au/plan-and-build

4.0 Phase 4: Compliance with Standards and Operations

4.1 Compliance with Standards

The Full Application checklist provides a baseline of the required standards and considerations in the design and approval stage.

Note:

1. **Electrical installations where there are new, additions or alterations to electrical circuits must ensure full compliance to AS/NZS3000:2018 Wiring Rules. It is up to the Carrier and/or its subcontractor to undertake the works.**
2. **The ACT Government requires all electrical wiring work to be tested and certified by the licensed electrician or electrical contractor who carried out the work. The Certificate of Electrical Safety must provide a detailed list of the work they do, including their test and compliance. Further information is available through: https://www.accesscanberra.act.gov.au/app/answers/detail/a_id/1539/~/electrical-work---inspections-and-certificates-of-electrical-safety#!tabs-1**
3. **Carriers and/or its subcontractors must also submit the Certificate of Electrical Safety form through a smart form at:**

   https://form.act.gov.au/smartforms/landing.htm?formCode=1013

   and send a copy of the certificate to: TCCS.SmallCell@act.gov.au with the application ID reference.
4. **Access Canberra has a program of random audits of completed work and audits of 100% of new installations.**

TCCS will undertake reasonable endeavours to inspect the works completed by the Carrier and/or its subcontractor.

Where there is non-compliance with the relevant standard outlined in the checklist, TCCS will issue a formal request to the Carrier to rectify the issue.

Where there is non-compliance with the AS/NZS3000:2018 Wiring Rules, TCCS will formally submit a complaint to the ACT Electrical Inspectors for further investigation.

4.2 Operating Environment

The Carrier is required to provide an operating protocol in relation to instances where an emergency isolation and the removal of the equipment is required. It is the responsibility of the Carrier to keep this operating protocol updated. The isolation protocol must clearly outline all steps required for isolating the equipment and removing it from site.

4.3 Operating Data and Information

Following the commencement of the small cell telecommunication equipment. The Carrier is required to provide a works as executed drawings including asset description forms as per TCCS Reference Document 8 to found at https://www.cityservices.act.gov.au/plan-and-build/standards-codes-and-guidelines/page/tccs_reference_documents. Works as executed drawings submission to be uploaded onto the TCCS Asset Management System and to Evo energy (where required) within ten days after the construction.

Appendix A PRE-ASSESSMENT CHECKLIST

When to use this checklist:

This checklist is for the Telecommunication Carriers/Third Parties wishing to undertake the installation of small cell infrastructure and equipment onto the streetlight network. Information on how to use this checklist and more information about the process can be found in the Transport Canberra and City Services (TCCS) Small Cell Infrastructure on Streetlight Network Guideline.

The Applicant must complete one checklist per streetlight column on which the Applicant wishes to install small cell infrastructure and equipment.

This checklist has two parts:

1. **Pre-Assessment Checklist for Applicant to complete; and**
2. **Pre-Assessment Checklist for TCCS to complete and return**

Note that this is all done via a Smart Form and can be found here:
https://form.test.act.gov.au/smartforms/servlet/SmartForm.html?formCode=1532

1. PRE-ASSESSMENT CHECKLIST FOR CARRIER TO COMPLETE

Contact Details

Carrier name:		**Contact name:**	
Phone number:		**Mobile:**	
Email address:		**Address:**	
Date of submission:			

Permit for Telecommunications Installation on Streetlights

Status of permit application:	Completed/In process
Permit reference number (or date signed):	

Details from Site Inspection

Streetlight column number:	
Streetlight closest address:	
Closest landmark (optional):	
This location is in accordance with the exclusion zones requirements for 5G	Yes / No

electromagnetic energy	
Evidence of any other co-located asset (e.g. other telecommunication carriers, smart parking, CBR Free wifi):	
Photo (Asset tag):	
Photo (with length of Column and light fitting):	
Photos of base and top (up to four):	

Desktop Analysis

Will the light pole be impacted by any Capital Works Projects	Yes / No

2. PRE-ASSESSMENT CHECKLIST FOR TCCS TO COMPLETE AND RETURN

Light pole checks

TCCS Capital Works Program underway or planned?	Yes / No
TCCS Streetlight 24 hour power installed?	Yes / No
Any other information (optional)	
The street column is:	available/not available

Work required to enable installation (a separate quotation to be emailed)

	Recommendation	**Comments**
Controller upgrade required	Yes/No	
Controller relocation	Yes/No	
Street Light Panel upgrade	Yes/No	
Upgrade of luminaires	Yes/No	
Earthing	Yes/No	

Information provided by:

TCCS Officer:	
Phone number:	
Email address:	
Date:	

Appendix B FULL APPLICATION CHECKLIST

When to use this checklist:

The Full Application Checklist is for Applicants wishing to proceed with the installation of small cell infrastructure and equipment onto the streetlight network. If you are completing this checklist, please ensure that you have undertaken a completed pre-assessment checklist of the streetlight column and been provided information back from the Transport Canberra and City Services (TCCS).

Information on how to use this checklist and more information about the process can be found in the Transport Canberra and City Services (TCCS) Small Cell Infrastructure on Streetlight Network Guideline.

The Applicant must complete one checklist per streetlight column on which the Carrier wishes to install small cell infrastructure and equipment.

Note that this is all done via a Smart Form. The applicant will receive a link for the form in an automatic email after successful pre-assessment submission.

Contact Details

Carrier name:		**Contact name:**	
Phone number:		**Mobile:**	
Email address:		**Address:**	
Date of submission:			

Carrier Contact Details

Carrier name:		**Contact name:**	
Phone number:		**Mobile:**	
Email address:		**Address:**	

Pre assessment checklist attached:	Yes
Streetlight Column Asset Number:	
Status of permit application:	Completed/In process
Permit reference number (or date signed):	

Sections of this Checklist

1. **Equipment to be attached**
2. **Design standards**
3. **Approvals from interested parties**
4. **Time/Date of proposed installation**
5. **Operational and Emergency Contacts**

1. Equipment to be attached

The applicant should include all equipment attached to the light pole. Add more lines, if required.

Table A: Equipment to be attached:

Equipment	Dimensions (mm)	Weight (kg)	Number (qty)

2. Design standards

Following reports shall be uploaded to relevant field in the smart form.

- Design report
- Design drawings
- Electrical consultant certificate
- Structural consultant certificate

Design report

Applicants can submit a report in a structure that best suits their requirements. TCCS doesn't have any design report available at this stage.

As a minimum the Design report should include following items.

a. Locality map that: clearly articulating:
   i. Clearly articulates names of all surrounding roads
   ii. Clearly identifies pole number and location, including GPS coordinates, for the small cell installation
b. Detailed scope of works with installation schedule and identification of party responsible for each part of works.
c. Works specification,
d. Environmental EME Report with EME levels that includes, among other mandatory calculations, – "C*alculated EME levels at Other Areas of Interest"* at the installation height of the small cell.

e. Exclusion zone calculations including a locality plan with clearly marked exclusion zone as per **Table B***
f. Certification from environmental consultant.
g. Protocol for emergency isolations and removal of equipment.**
h. Contact for structural and electrical designers and installation contractor

Table B: Radio Frequency details*

Radio frequency information	
Exclusion zone requirements for workers	
Do you declare that the installation is within the safe electromagnetic energy (EME) levels	Yes/No
Other Telecommunications (small cell) located within vicinity of work?	Yes/No
Are there any additional considerations for workers who may be working near your device but not on the streetlight that it is attached too?	Yes/No
Any other considerations	

***Note:**

It will be a condition of approval that the streetlight column is labelled with a sign on the safe to approach distance for members of the public and workers. This should be shown in your construction drawings.

In the event that any other Third Party needs to work near your device, please provide further instructions that maybe applicable to them.

****Note:**

Where the small cell equipment is co-located asset supplied from a streetlight column or streetlight control circuit. TCCS and its authorised contractors may make an isolation at the isolation switch. Where equipment requires emergency removal from the pole, the equipment will be brought back to 255 Canberra Avenue, Fyshwick and TCCS will contact the Emergency contact (or any other specified) and request that the telecommunication carrier to collect the equipment within five (5) business days of notification.

Design drawings

Applicant shall submit design drawings (pdf) that include all proposed works and for all electrical modifications or the light pole. If TCCS requires modifications to existing circuits to allow for 24h power, the applicant will be required to submit a separate set of drawings for approval. These drawings shall be

submitted to TCCS.SmallCell@act.gov.au. The procedure for circuit modifications is outlined in **Appendix E**.

Electrical consultant certificate

Must be prepared by an Electrical Engineer CPEng or equivalent. The certificate must outline the installation comply with relevant standards in **Table C**. The certificate must refer to electrical drawings and must consider all elements of the proposed installation.

Table C: Electrical wiring considerations

24 hour supply	Yes/No
Electrical load of small cell unit to ensure circuit has provision for extra loading Note: Log circuits can take up to one week	
Isolation switch details	
Isolation procedures details	
AS/NZS 3000:2018 considerations	

Structural consultant certificate

Must be conducted by a Structural Engineer CPEng or equivalent.

Must outline the:

Certification that the proposed additional antennae and attachment load is compliant to standards and provide supporting calculations and all associated measurements of the equipment and the pole to support the certification.

The Pole must be:

- ✓ Structurally safe;
- ✓ Compliant to carry load; and
- ✓ Comply with design standards in **Table D**

The certification must include all design parameters

Table D: Compliance with design Standards

Requirement	**Relevant Standard**	**Yes/No**
General Actions	AS/NZS 1170.0	
Permanent, Imposed and other Actions	AS/NZS 1170.1	
Wind Loadings	AS/NZS 1170.2	
Steel Code	AS 4100	

3. Approvals from interested parties

TCCS request at the time of lodging the application that the National Meter Identifier be provided of which the Small Cell will be billed against.

Table E: National Meter Indicator

	Number
ActewAGL National Meter Indicator	

4. Time/Date of proposed installation

Table F: National Meter Indicator

	Date and time
Time and date of proposed installation	

Note:

In order to carry out your construction/installation, the applicant will also need to book in a separate isolation/energisation booking for a TCCS Authorised Service Person to undertake this activity to ensure that the circuit is disconnected from all possible sources of electricity supply for you to undertake the works.

https://forms.act.gov.au/smartforms/servlet/SmartForm.html?formCode=1416

5. Operational and Emergency Contacts

Table G: Telecommunication contact

Operational Contact (planned works)

Company name:		**Contact name:**	
Phone number:		**Mobile:**	
Email address:		**Address:**	

Emergency contact (unplanned works/isolations)

Company name:		**Contact name:**	
Phone number:		**Mobile:**	
Email address:		**Address:**	

Appendix C APPLICATION PROCESS FLOWCHART

	Applicant	TCCS
Preliminary Assessment Applications	1) Applicant undertakes preliminary on-site assessment to formulate **preliminary assessment application.**	
	2) Applicant lodges **preliminary assessment application** via the smart form. Ensure all mandatory fields are completed.	3) TCCS receives the preliminary assessment application.
		4) TCCS processes the preliminary assessment application and returns to applicant. Outcomes of assessment may include that the streetlight column is available, unavailable and/or requires network modifications to allow for attachment.
	5) Applicant to determine if preliminary assessment outcomes is suitable to full application process.	
Network modifications	In the event that any network modifications are required such as a streetlight controller upgrade or relocation, upgrade of streetlight luminaires, earthing, circuit labelling or any other modifications that are specified at the preliminary assessment phase. The Applicant is required to carry out a design process subject to a separate approval process. All proposed Streetlight Modifications should be emailed to **TCCS.SmallCell@act.gov.au** and labelled "Small Cell Streetlight Modification Request" with the location details. TCCS will reserve the streetlight column for a period of up to three months to allow for the Applicant to undertake the modifications subject to TCCS approval processes. For further information contact **TCCS.SmallCell@act.gov.au**.	
Full Application	1) Applicant undertakes **Full Application** process to include all relevant documentation including: a. Design report b. Design drawings c. Electrical consultant	

	Applicant	TCCS
	certificate d. Structural consultant certificate e. Protocol for emergency isolations and removal of equipment	
	2) Applicant lodges **Full application** via the smart form. Ensure all mandatory fields are completed.	3) TCCS receives the full application.
		4) TCCS processes the full application and returns to applicant. This may include a list of conditions.
	5) Applicant determines feasibility to full construction.	6) TCCS will reserve the streetlight column for a period of up to six months to allow for construction.
Construction	Once you are ready to proceed to construction. You will need to follow **the TCCS Streetlight Guideline for Third Party Works**. This separate process applies to any Third-Party applicants. This process also applies to the network modifications and TCCS will issue you instructions at the time. This process is when there are third-party applicants undertaking streetlight works for any: • new connections • alterations or relocations • removal • disconnection or decommissioning • works or activities near the streetlight network. You will be required to book in an isolation and energisation booking in order to undertake your construction activity. For further information please visit the https://forms.act.gov.au/smartforms/servlet/SmartForm.html?formCode=1416	
Post construction	You will need to follow the **TCCS Streetlight Guideline for Third Party Works** and ensure that all the relevant documentation is submitted post construction. This includes documents as per	

Appendix D STANDARD DRAWINGS

(Please refer to TCCS website for standard drawings)

Appendix E STREETLIGHT CIRCUITS MODIFICATIONS FLOWCHART

Steps	Notes
1. The carrier will submit pre-assessment application and supply all relevant information.	TCCS will assess the application and check the power status of selected light pole. If the selected light pole does not have 24 hours power supply, TCCS will develop a scope of works for circuit modification and inform the applicant. The modification design is a separate process from the small cell application.
2. TCCS will provide scope of works for network upgrades and modifications, including TCCS mandatory works.	TCCS will send an email to the applicant with scope of works required to enable 24-hour power supply to the selected pole. TCCS will also include cost for any mandatory works, such as controllers upgrade, that can be performed only by TCCS team. All other works can be done by applicants' nominated contractor. Required upgrades and modifications might include but are not limited to: - Luminaires replacement - Light column wiring modifications - Installation of smart cells or PE cells - Light poles replacement
3. Applicant to provide Streetlight Works as Executed Drawings for approval to **TCCS.SmallCell@act.gov.au**. 4. Allow up to 15 days for review. Following review of the Works as Executed Drawings, TCCS Small Cell will forward your application to TCCS Asset Data Integration.	There is a two-step review process. TCCS will review the Works as Executed Drawings in accordance to the TCCS Reference Document 8 – Requirements for works as executed records. TCCS Road Maintenance will review the general streetlight information and then forward the package to **TCCS Asset Data Integration** to review the spatial data such as GPS coordinates. If TCCS has rejected your Works as Executed

Steps	Notes
	Drawing, the **Territory Service Authorised Person** will be unable to provide any isolations or energisations. TCCS Asset Data Integration requires ten days to review all WAEs therefore you should provide your WAEs to the TCCS Streetlighting team for the first review as soon as reasonably possible.
5. TCCS Road Maintenance will endeavour to provide **letter of design review** within 15 days.	
6. Visit https://forms.act.gov.au/smartforms/servlet/SmartForm.html?formCode=1416 to register a booking for an isolation and follow steps 6 to 21, section 3.1.1 – Streetlight Guide for Third Party Works	.