

Proposed Amendment Summary Table

The table below provides a summary of changes proposed by Administration to the Telecommunications Antenna Structures Siting Protocols (a redline version is available as Attachment 4). The changes have been categorized into three themes:

1. **Update terminology**
 - To reflect current standards.
2. **New Provisions to address small cell antennas** to support the implementation of 5G
 - Introduce a Type D submission process for small cell antenna installations
3. **Changes to address clarity in the protocols**
 - Provide best practice guidelines for small cell installations and visual examples of installation preferences.
 - These examples cover both small cell installations and antennas in alignment with current review practices.
 - Added the option for virtual public consultation

#	Description	Redline Page # Reference	Existing	Proposed
Updates to Terminology				
1	To update and identify the elected official role terminology	Pg. 13, 14, 15, 16, 17and 24	Alderman	Councillor
2	To reflect changes to the federal organization (Approver)	Pg. 8,9,11 (footnote), 14	Industry Canada	Innovation, Science and Economic Development
3	To update and identify the responsible City reviewer	Pg. 5 and 9	Development and Building Approval Business unit or Planning implementation	Community Planning
New Provisions to address small cell antennas				
4	New definition to support a Category Type D submission	Pg. 7	*NEW*	<u>Type D Submission – Means the type of submission processing method for those telecommunications’ antenna structures listed in subsection 6.4 of these Protocols.</u>

5	Recognizing a new fourth category of submission type	Pg. 16	The City has grouped the various types of telecommunication antenna structures into three main categories with the objective of making the assessment and evaluation of these types of submissions more efficient and functional with respect to procedures, actions required and processing times.	The City has grouped the various types of telecommunication antenna structures into three <u>four</u> main categories with the objective of making the assessment and evaluation of these types of submissions more efficient and functional with respect to procedures, actions required and processing times.
6	To ensure small cell antennas are not captured in the description of Type A antennas	Pg. 16	<ul style="list-style-type: none"> on any other telecommunication antenna structure not identified as a Type B or a Type C submission structure, excluding Amateur Radio Antenna Structures which are not governed by these Protocols. 	<ul style="list-style-type: none"> on any other telecommunication antenna structure not identified as a Type B, C or Type C <u>D</u> submission structure, excluding Amateur Radio Antenna Structures which are not governed by these Protocols.
7	To ensure small cell antennas are not captured in the description of Type B antennas.	Pg. 17	<ul style="list-style-type: none"> on towers less than 15 metres in height that are not identified as a Type A telecommunication antenna structure in subsection 6.1 of the Protocols. 	<ul style="list-style-type: none"> on towers less than 15 metres in height that are not identified as a Type A or Type D telecommunication antenna structure in subsection 6.1 and 6.4 of the Protocols.
8	To describe a Type D submission category and process created to address small cell technology.	Pg. 17	*NEW*	<u>Type D submissions apply to small cell antenna installations on existing structures, or poles such as streetlights where the installation does not increase the structure height by 25% or more for the purpose of accommodating the installation. These antennas often appear closer to street level visible within the public realm and are anticipated to have</u>

				<p><u>minimal impacts.</u> <u>Submission is not required for small cell antennas interior to buildings.</u></p> <p><u>A copy of each Type D submission received will be forwarded by Administration to the applicable Ward Councillor for information purposes only. A public consultation meeting will not be required, and the submission will be processed within 10 working days of receipt of a complete telecommunication antenna submission. One submission can be made for up to 20 small cell installations for streetlights in proximity to one another.</u></p>
9	Adding preferred built form preferences for small cells.	Pg. 18	*NEW*	<p><u>Preferred small cell installations are neatly organized, utilize as few antennas as possible, and hide conduit, cable trays, wiring, mounting brackets or other hardware behind the antenna or within shrouding. Wall-mounted antennas are to be attached as close to the wall as possible and not project above the height of the wall they are mounted on. In addition, where placement on a building façade or podium is required, antenna locations are encouraged to blend with the building's architectural character, the rhythm of primary and secondary architectural elements, fenestration patterns, cornice lines,</u></p>

				<u>building materials, textures and colors.</u>
10	Added Design Characteristics - Visual Examples of encouraged and discouraged installations	Pg. 20, 21	*NEW*	<u>Sketches added in the redline copy.</u>
Changes to address clarity in the Protocols				
11	To promote and support installation consideration to integrate antenna structures where possible. (ie flush with the façade)	Pg. 11	With respect to aesthetics and property values, Section 7.0 of the Protocols encourages proponents to consider the use of disguised and camouflaged antenna structures wherever possible.	With respect to aesthetics and property values, Section 7.0 of the Protocols encourages proponents to consider the use of disguised, camouflaged <u>and/or integrated</u> antenna structures wherever possible.
12	Added clarity to that the 21 day processing time applies to Type A submissions	Pg. 13	<ul style="list-style-type: none"> copies of correspondence documenting co-location information pursuant to subsection 8.3 of the Protocols (this is a must have and the 21 day submission processing period will not commence unless and until this information is provided to The City); 	<ul style="list-style-type: none"> copies of correspondence documenting co-location information pursuant to section 8.3 of the Protocols (this is a <u>must have</u> and the 21 day <u>Type A</u> submission processing period <u>will not commence</u> unless and until this information is provided to the City);

13	Clarifies the 21 day processing times applies to Type A submissions	Pg.14	Except as set out in subsections 5.4 and 6.2 of the Protocols, The City of Calgary will render a decision of either concurrence or non-concurrence within 21 days of receiving a complete telecommunications antenna structure submission.	Except as set out in subsections 5.4, and 6.2 , 6.3 and 6.4 of the Protocols, The City of Calgary will render a decision of either concurrence or non-concurrence within 21 days of receiving a complete telecommunications antenna structure submission.
14	Specifies that antennas on streetlights referred to as requiring Type B submissions relate to Macro cell antennas.	Pg. 17	<ul style="list-style-type: none"> on street light poles; 	<ul style="list-style-type: none"> <u>macro cell antennas</u> on street light poles;
15	Specifies that antennas on parking light poles referred to as requiring Type B submissions relate to Macro cell antennas.	Pg.17	on parking light poles;	<ul style="list-style-type: none"> <u>macro cell antennas</u> on parking light poles;
16	To provide clarity that the public consultation process pertains to land use concurrence review and is not intended to make representations that these provisions replace requirements of ISED.	Pg.24	*NEW*	<u>This section represents the enhanced public consultation requirements of the City of Calgary in the review of land use concurrence. The City of Calgary makes no representations that these public consultation requirements satisfy those of ISED under ISED CPC-2-0-03 Client Procedures Circular and recommends that proponents consult with ISED to ensure that public consultation requirements for an antenna installation are met.</u>
17	Acknowledging that public consultation can take place virtually	Pg. 26	<ul style="list-style-type: none"> the date, time, and place where the public meeting will be held 	<ul style="list-style-type: none"> the date, time, and place (virtual or in person) where the public meeting will be held

18	Acknowledging that public consultation can take place virtually	Pg. 26	*NEW*	<u>Both formats described below can be adjusted to be conducted virtually.</u>
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