



Town Council
Tuesday, September 10, 2024
4:00 PM

You can watch the meeting live online on our website at tosv.com.
Agenda

- 1. Start Time 4:00 P.M.**
- 2. Item for Discussion**
 - 2.1. Initial review of proposed/updated Lighting Code**
 - [2.1 Agenda Item Summary - Lighting Code.pdf](#)
 - [2.1 1_Snowmass Village Outdoor Lighting Code_80% Draft.pdf](#)
 - [2.1 2_Snowmass Village Lighting Zone Map Draft.pdf](#)
 - [2.1 3_ARTICLE_XIII___Outdoor_Lighting.pdf](#)
- 3. Item for Discussion**
 - 3.1. Construction Management Opportunities**
 - [3.1 Agenda Item Summary - Construction Activity.pdf](#)
- 4. Item for Discussion**
 - 4.1. Boards & Commissions utilization and procedure update**
 - [4.1 Agenda Item Summary - B & C utilization & procedure update.pdf](#)
 - [4.1 1_B&C draft Survey.pdf](#)
 - [4.1 2_B&C blank application form.pdf](#)
- 5. Adjournment**

Town of Snowmass Village

Agenda Item Summary

DATE OF MEETING: Tuesday, September 10, 2024

AGENDA ITEM: Initial Review of a Draft, Updated Outdoor Lighting Code

PRESENTED BY:

Sara Nester – Code Compliance Manager

Dave Shinneman – Community Development Director

Mike Metheny – Chief Building Official

BACKGROUND:

The Town Council requested that the the Outdoor Lighting Code (Lighting Code) be updated and modernized to better reflect modern standards and better reflect the Town’s goal to protect our natural environment.

In response, Town staff hired Clanton and Associates, Inc. to assist the Town in updating our Lighting Code. The Lighting Code revisions are designed to enhance the Town’s character and livability, prevent non-compliant outdoor lighting, reduce lighting conflicts between property owners, prevent the increase of sky glow, and preserve the naturally dark sky for the benefit of residents, visitors, wildlife, and the environment. The proposed revisions will use a lumen-based metric, in lieu of the previously utilized watt-based metric, to better accommodate and regulate advancements in lighting technology.

This fundamental change to the code will help not only make improvements to the visibility issues, this proposed code will also make enforcement much easier to apply in a uniform manner.

FINANCIAL IMPACT:

There will be an ongoing financial commitment to implement and enforce the Lighting Code.

APPLICABILITY TO COUNCIL GOALS & OBJECTIVES:

One of the Strategic Initiatives for Snowmass Village is Preserve and protect open spaces and our environment to ensure that nature is and remains the dominant feature of the landscape.

COUNCIL OPTIONS:

To review and provide feedback on the draft Lighting Code.

STAFF RECOMMENDATION:

Provide feedback to staff on the proposed Lighting Code and direct staff to prepare a draft ordinance for further consideration

ATTACHMENTS:

1. Snowmass Village Outdoor Lighting Code_80% Draft
2. Snowmass Village Lighting Zone Map Draft
3. Existing lighting code

Town of Snowmass Village, CO

Municipal Code; Chapter 18, Article XIII – Outdoor Lighting

Draft: Aug 26, 2024 v0.06

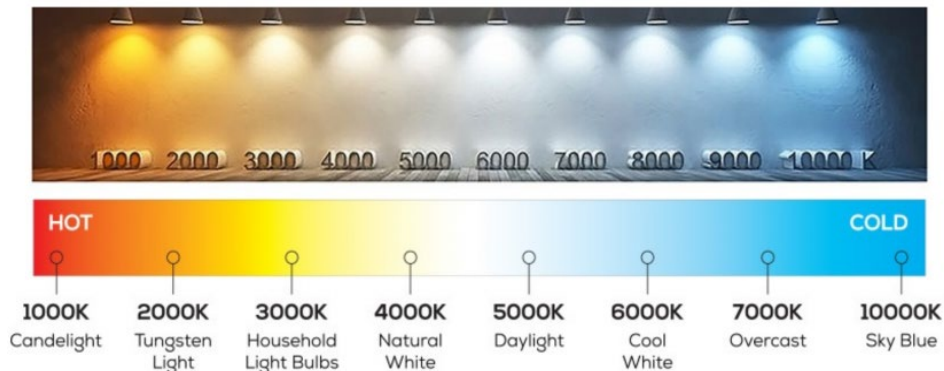
Sec. 18-261. – Purpose.

This article is intended to protect the health, safety, and welfare of residents within the Town of Snowmass Village, enhance the town's character and livability, prevent noncompliant outdoor lighting, reduce lighting conflicts between property owners, prevent the increase of sky glow, and preserve the naturally dark sky for the benefit of residents, visitors, wildlife, and the environment. Per the *Five Principles for Responsible Outdoor Lighting*, the following goals outline our outdoor lighting requirements:

- (1) Reduce excessive amounts of outdoor lighting and high-angle sources of glare that both contribute to an unsafe reduction in nighttime visual performance;
- (2) Use outdoor lighting only when it is needed to help mitigate wasted energy and unnecessary *Light Pollution* that negatively affect the natural night sky and nocturnal ecosystems;
- (3) The Town of Snowmass Village, which has the authority to protect natural resources and maintain a healthy environment for present and future generations, will assign the following *Lighting Zones* to all property within the Town of Snowmass Village per the following map:

Sec. 18-262. - Definitions.

- (1) **AFG:** Above Finished Grade
- (2) **ANSI/IES Outdoor Standards:** The American National Standards Institute (ANSI) recognizes the Illuminating Engineering Society (IES) as the authoritative standards for lighting applications. Applicable outdoor standards and metrics for this ordinance include:
 - a. RP-2: Outdoor Lighting for Retail (Illuminance)
 - b. RP-6: Outdoor Sport and Recreational (Illuminance)
 - c. RP-8: Roadway and Parking (Luminance and Illuminance respectively)
 - d. RP-43: Outdoor Pedestrian Applications (Illuminance)
- (3) **ALAN (Artificial Lighting at Night):** Light that is created from human technology, rather than a naturally occurring process. Sometimes referred to as electric or anthropogenic lighting.
- (4) **CCT (Correlated Color Temperature):** The measured color appearance of light emitted by a *Luminaire* described using a nominal value of Kelvin (K). Lower CCT (1800 - 2200K) appears very warm or amber. Medium CCT (2700K - 3000K) appears "warm white", similar to standard incandescent bulbs. High CCT (4000K +) appears "cool white" or "blue".

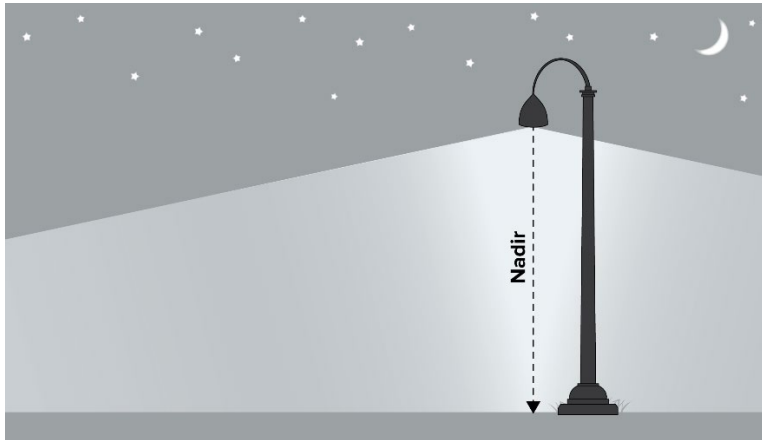


- (5) **Festoon String Lighting:** Decorative overhead lighting that consists of multiple electric lamps, evenly spaced, wired to a flexible cable, and strung between at least two mounting points.
- (6) **Five Principles for Responsible Outdoor Lighting:** Co-authored and published by DarkSky International and ANSI/IES, 1) Use light only if needed, 2) Distribute light only where needed, 3) Use light no brighter than needed, 4) Use light only when needed, 5) Use warmer color light when possible.
- (7) **Fully Shielded:** An installed *Luminaire* that produces no light rays above a simulated horizontal plane that passes through the lowest point where light is emitted. Examples include:



- (8) **Glare:** Light entering the eye directly from a luminaire or indirectly from reflective surfaces that cause visual discomfort or reduced visibility.
- (9) **Light Pollution:** *ALAN* traveling into areas where it's not needed or wanted. This can be in the form of *Light Trespass*, glare, or atmospheric sky glow.
- (10) **Light Trespass:** *ALAN* illuminating past property lines and affecting other property owners or jurisdictions. Light trespass limits are measured at any location along a property line both horizontally on the ground plane facing upward and vertically at 5-feet above grade with the meter aimed toward the light source in question. Neither measurement shall exceed the established threshold.
- (11) **Lighting Zones:** An ANSI/IES/DarkSky system describing the luminous environment and related lighting conditions based on land uses and expected tasks. These range from Naturally Dark Zones (NDz), through Lz0, Lz1, Lz2, Lz3, and up to the very bright and rarely used Lz4.
- (12) **Lumen (lm):** A unit of measure for the quantity of light provided by a source.
- (13) **Luminaire:** A complete lighting unit, including the light source, housing, optics, and necessary electronics for the purpose of outdoor illumination.
- (14) **Lux (lx):** The unit of measure for illuminance.

- (15) **Nadir:** A downward vertical vector directly beneath the luminaire's light source, opposite to zenith.



- (16) **Nighttime Hours:** The time between 11pm and 6am. For businesses and events with operating hours later than 11pm, nighttime hours will begin one hour after closing.
- (17) **Residential Use:** Zoning districts dedicated exclusively to properties for low-density human residence and dwelling. Examples include single family, duplex, townhouse, and mobile home. This does not include apartment and mixed-use living.
- (18) **Seasonal Lighting:** Outdoor lighting from November 15 to April 15 that is temporary and decorative. This includes but is not limited to string lighting, icicle lighting, and lighted holiday inflatables that are not intended for general illumination.
- (19) **Security Lighting:** Illumination used specifically to protect people, property, and infrastructure from criminal threat.
- (20) **Shielding:** A *Luminaire* design, optical intervention, or physical accessory (such as a louver) preventing light emission from traveling into a particular area, angle, or region.

Sec. 18-263. – Applicability.

- (1) The outdoor lighting requirements of this article shall be applicable to all outdoor *Luminaires* installed within the Town of Snowmass Village after [effective date 1].
- (2) Existing outdoor *Luminaires* not meeting the requirements of this article and lawfully installed prior to [effective date 1] shall be considered legal and repairable but non-conforming. Automatic trigger events causing compliance to this article are as follows:
- Light Trespass* and *Nighttime Hour* requirements will go into effect [effective date 2]; or
 - If the town manager, or designee, determines that a *Luminaire* constitutes a hazard to public safety, compliance can be mandated; or
 - All remaining installations of non-conforming *Luminaires* can be used and maintained until they are replaced.

Sec. 18-264. – Exemptions.

- (1) **Lawful:** Lighting requirements mandated by a legal jurisdiction with broader authority (e.g., federal, state, or territorial) than the Town of Snowmass Village.
- (2) **Safety:** *Luminaires* installed for the benefit of public health, safety and welfare, including but not limited to:

- a. Any contradictory building code or Department of Transportation illumination requirements.
 - b. Occupational Safety and Health Administration (OSHA) mandated lighting for worker safety.
 - c. Temporary lighting used for worker safety during construction, repair, or similar activity.
 - d. Temporary lighting used by authorized first responders during emergency procedures.
- (3) **Permitted:** Temporary and semi-permanent lighting approved by the town manager, or designee, for special events, festivals, or community benefit.

Sec. 18-265. – Prohibitions.

Unless otherwise specified in this article, the following are prohibited in the Town of Snowmass Village:

- (1) Lighting (including neon and fluorescent) used to outline a structure.
- (2) Facade lighting that is mounted above grade onto poles or other structures.
- (3) *ALAN* that interferes with the safe movement of motor vehicles, disables the vision of a motor vehicle operator, contributes to traffic control confusion (e.g., sources resembling or imitating traffic control lighting, railroad signals, blinking, flashing, moving, and revolving), or that hides or interferes with the effectiveness of any official traffic control devices.
- (4) Beacons and searchlights are prohibited, except for emergency use by authorized first responders.

Sec. 18-266. – Building Permit Procedure.

Outdoor lighting plans shall meet the following requirements for residential, commercial, or multi-family building permits, subdivision, planned unit development, illuminated signage, and development within environmentally sensitive area:

- (1) **Lighting Plans:** Acceptable means for outdoor lighting plans are as follows:
 - a. “Lighting Schedule”: For residential permits when specifically requested by the Town Manager, or designee. This lighting plan shall be documented using a spreadsheet format by listing the *Luminaire* identifications (i.e., manufacturer, model number, type), *Luminaire* quantities, installation locations, and *Lumen* outputs for each.
 - b. “Performance Method”: For commercial, multi-family, mixed use, sports lighting or when specifically requested by the Town Manager, or designee. Outdoor lighting plans shall be prepared and analyzed by a certified or licensed professional using industry standard lighting software and include:
 - i) *Luminaire* identification (model number), installation locations, mounting heights, targeted directions, buildings, and other physical objects within the site.
 - ii) Site plan and illuminance calculation plots demonstrating conformance with this ordinance including the sports lighting luminous intensity light trespass limit.
 - iii) Other information deemed necessary by the Building Official to document compliance with the requirements of this article.
- (2) **Review:** Applications and lighting plans will be submitted as follows:
 - a. Subdivisions, planned unit developments, developments within environmentally sensitive areas or special review applications shall be submitted and reviewed with the applicable Land Use review process as defined in the Land Use and Development Code. The Building Official may review plans upon Land Use Approval for code compliance.

- b. Building permits for a commercial or residential structure shall be reviewed by the Building Official.
- c. Any appeals related to decisions regarding outdoor lighting shall be made to the Town Manager, or designee.

Sec. 18-267. – Temporary Waiver Request.

Any person may submit a written request to the Building Official for a temporary waiver request. The Building Official, or designee, shall have the authority to refer an application to the Planning Commission if deemed appropriate. If the temporary exemption request is approved, the waiver shall be valid for the dates designated by the town. Temporary waiver requests shall include:

- (1) Specific justification/purpose of the waiver request;
- (2) Description of *Luminaires* involved;
- (3) Duration and time period requested for waiver;
- (4) Proposed location on property;
- (5) Previous exemptions if applicable;
- (6) Other information deemed necessary by the town manager, or designee.

Sec. 18-268. - Enforcement and Penalty.

- (1) **Enforcement:** The Town Manager, or designee, is responsible to implement, administer, and enforce the provisions of this article, including alleged violation investigations.
 - a. The Town Manager, or designee, charged with enforcing this chapter shall have the authority to grant partial or complete waiver of the article requirements if a property owner demonstrates that compliance creates unreasonable hardship, as balanced against the potential impacts of non-compliance, or results in conditions that are materially detrimental to health, safety or welfare.
- (2) **Penalty:** Any person, firm, or corporation found to have violated, disobeyed, omitted, neglected, or refused to comply with any provisions of this article shall be found in violation. Existing violations issued prior to [effective date 1] will remain. The punishment shall be in accordance with the provisions of Section 1-72 of this Municipal Code.

Sec. 18-269. – General Outdoor Lighting Requirements.

Unless otherwise specified in this article, the following requirements apply to all *Luminaires* and *Luminaire* installations in the Town of Snowmass Village:

- (1) **Legal:** All outdoor *Luminaires* and *Luminaire* installations shall comply with federal, state, and province law, county or municipal codes, applicable energy and building codes, product safety labeling, the requirements of this ordinance, and be subject to the appropriate permit and inspection requirements thereof
- (2) **Light Source:** Outdoor *Luminaires* shall be solid-state (e.g., LED) and capable of turning on and off.
- (3) **Light Quantity:** Unless otherwise specified in this article, lighting installed for an outdoor use shall not exceed 25% more than the *Light Level* recommended by *ANSI/IES Outdoor Lighting Standards*, or a state approved alternate, as published by [enactment date].

- (4) **Light Distribution:** *Luminaires* emitting more than 1000 *Lumens* shall be *Fully Shielded*, downward directed with non-adjustable mounting, and emit no more than 5% of their *Lumen* output above 80-degrees from *Nadir*. Exceptions are:
 - a. Festoon string lighting when no individual lamp emits more than 50 lumens, and the lumen density of the string is no greater than 25 lumens per foot.
- (5) **Trespass:** *Light Trespass* shall be as permitted as defined in this code.
- (6) **Light Curfew:** During *Nighttime Hours*, non-essential outdoor lighting, including but not limited to sports field, landscape and decorative lighting elements, shall extinguish.
- (7) **Light Controls:** *Luminaires* activated by motion detection shall activate by motion within the same property on which they are installed. All motion activated lights that automatically turn on or brighten shall return to their off or dimmed state no more than [5] minutes after activity is no longer detected.
- (8) **Light Color:** Unless otherwise specified in this ordinance, the Correlated Color Temperature (CCT) for outdoor *Luminaires* shall not exceed a maximum of 3000K.

Sec. 18-270. – Residential Lighting Requirements

The following requirements are supplementary to the General Requirements and shall further regulate *Residential Use* properties:

- (1) Individual *Luminaires* shall not exceed 1000 *Lumen* maximum output.
- (2) *Luminaires* shall not be pole mounted taller than 42 inches AFG.
- (3) All outdoor *Luminaires* shall be located and optically shielded such that the lamp source(s) shall not be visible from adjacent property or public right-of-way during *Nighttime Hours*. *Light Trespass* within *Residential Use* property shall be no greater than (1) *Lux*.
- (4) *Lumen* allowances for *Residential Use* shall not exceed the following:

TABLE 271-1: PER DWELLING LUMEN ALLOWANCE RESIDENTIAL USE			
Property Square Feet (sf)	Lz0	Lz1	Lz2
58,000+ sf	5,200	13,000	22800
43,000 sf	4,600	11,500	20200
32,000 sf	4,100	10,200	17900
21,000 sf	3,500	8,700	15300
14,000 sf	2,800	7,000	12300
10,800 sf	2,400	5,900	10400
8,700 sf	2,000	5,000	8800
5,400 sf	1,500	3,600	6300
2,100 sf	850	1,700	3000
< 2,100 sf	850	850	1500
NOTE: Approved ADU's receive a 1,500 lumen			

- (5)

Sec. 18-271. – Public Lighting Requirements

The following requirements are supplementary to the General Requirements and shall further regulate public uses including mixed use and multi-family applications (e.g., condominiums, apartments):

- (1) Properties not exceeding 3,000 lumens for any individually installed *Luminaire* shall be exempt from the 18-269(2) requirement.
- (2) Outdoor gas stations with fuel dispensing canopies shall target an average illuminance of 100 *Lux* under the canopy and not exceed a maximum of 200 *Lux* at any point under the canopy.
- (3) Outdoor charging stations shall target an average illuminance of 20 *Lux* within a 10-foot radius of the charging station and not exceed a maximum measurement of 40 *Lux*.
- (4) *Luminaires* used to illuminate parking lots and vehicle circulation areas shall not exceed a height of 20-feet *AFG*. The resulting illuminance shall provide a minimum of 2 *Lux* and not exceed 40 *Lux* horizontally at finished grade.
- (5) *Light Trespass* shall be no greater than (3) *Lux* when measured 20-feet past the property line, including the public right-of-way.

Sec. 18-272. – Roadway Lighting Requirements.

Roadway lighting shall not exceed 25% more than the *Light Level* recommended by *ANSI/IES RP-8*, or a state approved alternate. Roadway *Luminaires* and lighting plans shall be approved jointly by the Planning and Public Works Departments.

Sec. 18-273. – Sport and Recreation Lighting Requirements

The following requirements are supplementary to the General Requirements and shall further regulate sport and recreation lighting:

- (1) The maximum *CCT* for outdoor sports lighting should be the lowest possible for the sport, class of play, and viewing audience as defined by *ANSI/IES RP-6*, or any state approved alternative, never exceeding 5700K.

Sec. 18-274. – Illuminated Signage Requirements.

The following requirements are supplementary to the General Requirements and shall further regulate illuminated signage:

- (1) Static signage may be externally or internally illuminated provided the light source itself is not directly visible from the public right-of-way, or adjacent property, and any external illumination is mounted above the sign and directed downward.
- (2) The luminous or illuminated surface area of an individual sign must not exceed the permitted use allowance, with a municipal maximum size of 18.6 square meters (200 square feet).
- (3) Illuminated on-premise signage larger than (20) square feet may only be illuminated while the associated activity is taking place and must extinguish during *Nighttime Hours*.
- (4) Illuminated off-premise advertising billboard signage is prohibited from *Residential Use* zone districts and prohibited from operating anywhere during *Nighttime Hours*.
- (5) The highest light level of any illuminated sign (as measured with an all-white display for electronic signs) shall not exceed 3 lux more than ambient lighting conditions as measured within 15-degrees of perpendicular (both horizontal and vertical) from the distances in the following table 274-1. Illuminated signs that cannot be measured using an illuminance light meter shall not exceed a luminance of 80 nits (80 candela per square meter, cd/m^2).

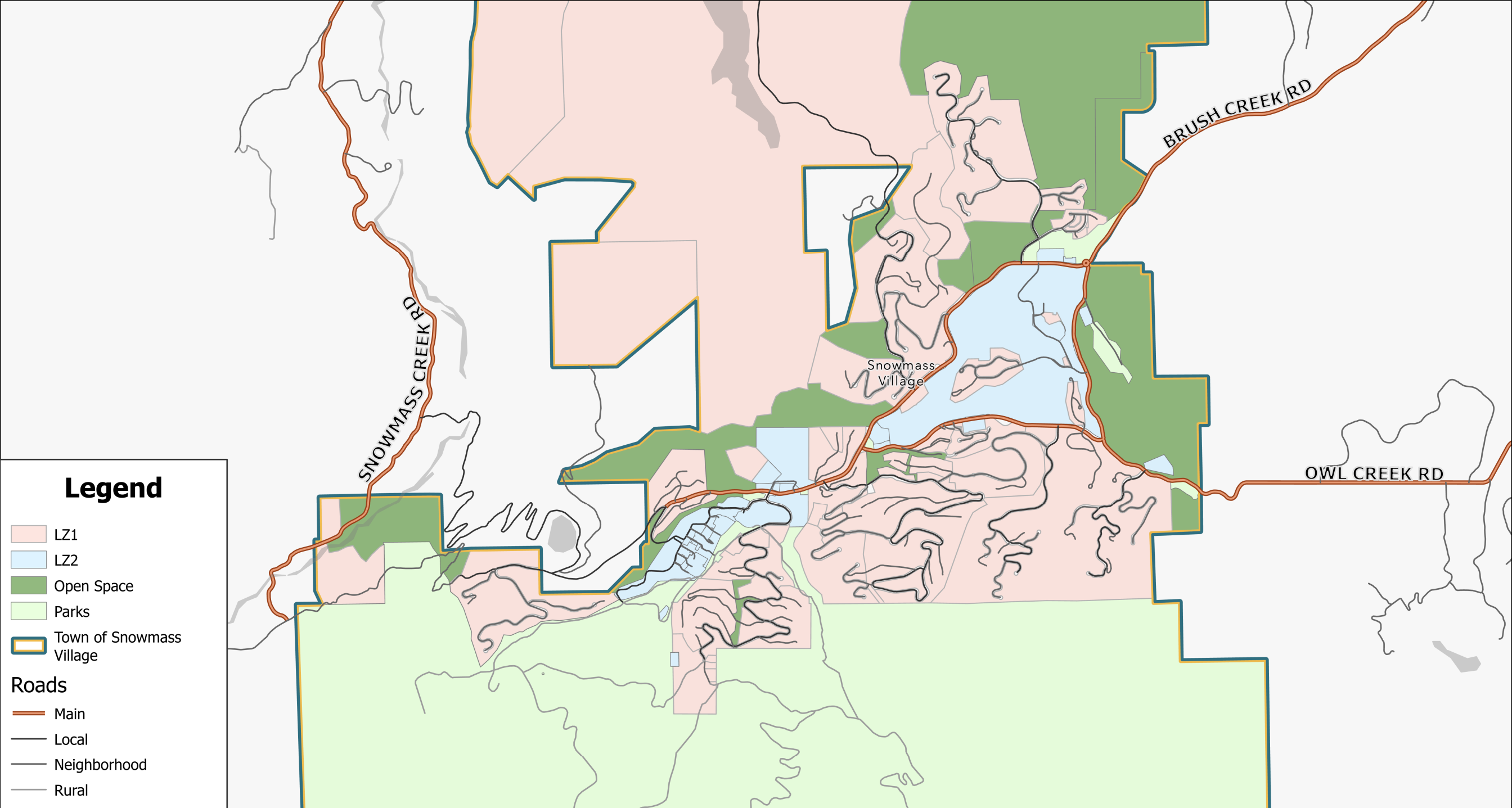
TABLE 274-1: ELECTRONIC SIGN MEASUREMENT DISTANCE			
Area of Sign (sq. ft.) ^[1]	Measurement Distance (ft.)	Area of Sign (cont.) ^[1]	Measurement Distance (ft.)
10	32	65	81
15	39	70	84
20	45	75	87
25	50	80	89
30	55	85	92
35	59	90	95
40	63	95	97
45	67	100	100
50	71	150	122
55	74	200	141
60	77		
[1] For signs with an area other than those specifically listed in this table, the measurement distance may be calculated with the following formula: Measurement Distance (ft) = square root of [Area of Electronic Sign 9sq. Ft.) x 100]			

- (6) Additional electronic signage requirements are as follows:
- a. Electronic signs shall have automatic dimming controls to properly transition the luminous intensity according to ambient conditions, including nighttime. Should an electronic problem prevent normal function, the sign shall default to night-mode or remain unlit.
 - b. Electronic messages shall be positive-contrast (i.e, light fonts and features on a dark background) and contain no more than 35% white color in the display message.
 - c. Unless otherwise allowed by law or specified within this ordinance, electronic messages shall not change more often than 8 seconds.
- (7) Signage can exceed these requirements if permitted through any land use approval process as defined in the Municipal code. (Such as a Planned Unit Development, Special Review, etc.)

Sec. 18-275. – Seasonal Lighting Requirements.

Temporary *Seasonal* lighting is allowed from November 15 to April 15 provided it meets all of the following:

- (1) *Seasonal* lighting shall not interfere with the safe movement of motor vehicles or create dangerous glare conditions on adjacent roadways or properties.
- (2) *Seasonal* lighting shall be maintained in an attractive condition and not constitute a dangerous situation or fire hazard.
- (3) *Seasonal* lighting shall be extinguished during *Nighttime Hours*.



ARTICLE XIII Outdoor Lighting

Sec. 18-261. Applicability.

The lighting standards of this Article shall be applicable to all outdoor lighting within the Town. Existing outdoor lighting shall be considered "legal nonconforming" lighting for eighteen (18) months from the adoption date of the ordinance codified herein. Lighting that falls into this category and has not been brought into conformance with this Article after eighteen (18) months shall be considered a violation of the ordinance codified herein, and such lighting shall be retrofitted to comply, replaced with a compliant fixture or removed, upon investigation and findings of the Building Official.

Sec. 18-262. Definitions.

As used in this Article, the following words shall be construed to have the meanings defined below:

Fixture height means the height of the fixture shall be the vertical distance from the ground directly below the centerline of the fixture to the lowest direct light-emitting part of the fixture.

Foot-candles means a unit of illumination of a surface that is equal to one (1) lumen per square foot. For the purposes of these regulations, foot-candles shall be measured at a height of three (3) feet above finished grade.

Fully shielded light means light fixtures shielded or constructed so that no light rays are directly emitted by the installed fixture at angles above the horizontal plane as certified by a photometric test report. The fixture must also be properly installed to effectively down direct light in order to conform to the definition.

High intensity discharge light source (HID) means light sources characterized by an arc tube or discharge capsule that produces light, with typical sources being metal halide, high pressure sodium and other similar types which are developed in accordance with accepted industry standards.

Offsite light emission means the shining of light produced by a light fixture beyond the boundaries of the property on which it is located.

Point light source means the exact place from which illumination is produced, as in a light bulb filament or discharge capsule.

Sec. 18-263. Lighting plans.

An outdoor lighting plan shall be submitted in conjunction with applications for subdivision, planned unit development, development within any environmentally sensitive area, special review application and building permit applications for residential, commercial or multi-family buildings. Such lighting plans shall be subject to establishment and approval through the applicable review processes. Said lighting plan shall show the following:

- (1) The location and height of above-grade light fixtures;
- (2) The type (incandescent, halogen, fluorescent, etc.) and luminous intensity of each light source;
- (3) The type of fixture (floodlight, full-cutoff, lantern, recessed, coach light, bollard, pole, etc.);
- (4) Estimates for site illumination resulting from the lighting, measured in foot-candles, including minimum, maximum and average illumination;

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- (5) Other information deemed necessary by the Building Official to document compliance with the provisions of this Article.

Sec. 18-264. Commercial and multi-family lighting standards.

The following lighting standards shall be applicable to all nonresidential properties, including mixed uses such as condominiums and apartments:

- (1) Outdoor lighting used to illuminate parking spaces, exterior dining areas, driveways, maneuvering areas or buildings shall conform to the definition for "fully shielded light fixtures" and be designed, arranged and screened so that the point of light source is not visible from adjoining lots or streets. No portion of the bulb or lamp may be visible beyond a distance equal to or greater than twice the mounting height of the fixture. The light level shall not exceed fifteen (15) foot-candles as measured three (3) feet above finished grade. Exemptions may be requested for areas with high commercial, pedestrian or vehicular activity up to a maximum of twenty-five (25) foot-candles. Exemptions or consideration may be made for lighting when located on slopes greater than thirty percent (30%) in order to achieve compliance with this Section.
- (2) Outdoor lighting shall be twelve (12) feet or less in height unless it meets one (1) or more of the following criteria:
 - a. Fully shielded with a nonadjustable mounting;
 - b. Lighting for parking and vehicle circulation areas in which case heights up to a maximum of twenty (20) feet may be allowed;
 - c. Building-mounted lighting directed back at a sign or building façade;
 - d. Lighting on above-grade decks or balconies, which shall be fully shielded.
- (3) All light sources, which are not fully shielded, shall use other than a clear lens material as the primary lens material to enclose the light bulb to minimize glare from that point light source. Exceptions may be allowed where there is a demonstrated benefit for the community determined through the exemption process listed in this Section.
- (4) High intensity discharge (HID) light sources are allowed with a maximum wattage of one hundred seventy-five (175) for high-pressure sodium and one hundred seventy-five (175) for metal halide. Standards for other HID light sources may be established by the Town for new technology consistent with the above restrictions. Compact fluorescent lamps shall not exceed nine (9) watts.
- (5) Pole-mounted fixture spacing for security and parking lot light fixtures shall be no less than seventy-five (75) feet. Fully shielded decorative fixtures are allowed to maintain fifty-foot fixture spacing. Wall-mounted fixture spacing for security lighting shall be no less than fifty (50) feet measured horizontally. Decorative fixtures directed back toward a building face shall be exempt from this spacing requirement when fully shielded and shall not exceed one hundred (100) watts. Decorative fixtures that are not fully shielded shall maintain a minimum spacing of twenty-five (25) feet and shall not exceed one hundred (100) watts. Where security lighting is a combination of pole- and wall-mounted fixtures, minimum spacing shall be seventy-five (75) feet.
- (6) Pole-mounted fixtures shall be limited to two (2) light sources per pole.
- (7) Mixed use areas that include residential occupancies shall comply with the residential standards on those floors or areas that are more than fifty percent (50%) residential based on square footage of uses.

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- (8) Uplighting is only permitted if the light distribution from the fixture is effectively contained by an overhanging architectural or landscaping element. Such elements may include awnings, dense shrubs or year-round tree canopies which can functionally contain or limit illumination of the sky. In these cases, the fixture spacing is limited to one (1) fixture per one hundred fifty (150) square feet of area and total lamp wattage within a fixture of thirty-five (35) watts.
 - (9) Uplighting of flags is permitted with a limit of two (2) fixtures per flagpole with a maximum of one hundred fifty (150) watts each. The fixtures must be shielded such that the point source is not visible outside of a fifteen-foot radius.
 - (10) Outdoor vending, such as gas stations, require approval for lighting. Lighting shall not exceed a maximum of twenty (20) foot-candles under the canopy.

Sec. 18-265. Sign lighting.

In addition to the provisions of Section 18-264, the following provisions shall further regulate lighting of signs:

- (1) Sign illumination shall not exceed seventy (75) foot-candles as measured at the brightest point on the sign face.
- (2) Only lighting that conforms with the Residential Lighting Standards shall illuminate signs in residential neighborhoods and zone districts.
- (3) Illuminated signs, equal to or larger than twenty (20) square feet in size shall be turned off no later than 11:00 p.m. or one-half (½) hour after the use to which it is appurtenant is closed, whichever is later.

Sec. 18-266. Residential single-family lighting standards.

The following lighting standards shall be applicable to residential properties, including single-family dwellings, duplexes and townhomes.

- (1) Outdoor lighting shall be twelve (12) feet or less in height unless it meets one (1) or more of the following criteria:
 - a. Fully shielded with a nonadjustable mounting;
 - b. Lighting for parking and vehicle circulation areas in which case heights up to a maximum of twenty (20) feet may be allowed;
 - c. Building-mounted lighting directed back at a sign or building façade;
 - d. Lighting on above-grade decks or balconies, which shall be fully shielded.
- (2) No exterior light source shall exceed a rating of sixty (60) watts. Outdoor lighting with HID light sources in excess of fifty (50) watts shall be prohibited. In addition, incandescent light sources including halogen shall not exceed sixty (60) watts. Compact fluorescent lamps shall not exceed nine (9) watts.
- (3) All clear-lensed light point sources shall be shielded. All light sources that are not fully shielded shall use other than a clear lens material as the primary lens material to enclose the light bulb to minimize glare from a point source.
- (4) Landscape lighting is limited to thirty-five (35) watts per fixture per one hundred fifty (150) square feet of landscaped area. Uplighting is prohibited as a landscaping element.
- (5) Security lights shall be restricted as follows:

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- a. The point light source shall not be visible from adjoining lots or streets.
 - b. Floodlights must be controlled by a switch or preferably a motion sensor activated only by motion within the owner's property.
 - c. Timer- or photocell-controlled floodlights shall be prohibited.
 - d. Photocell lights shall be allowed under the following circumstances:
 - 1. At primary points of entrance or in critical common areas and multi-family properties;
 - 2. Where the light sources are fully shielded by opaque material;
 - 3. The light source is fluorescent or compact fluorescent to eliminate excess consumption of electricity.
 - e. Lights must be fully shielded, down-directed and screened from adjacent properties in a manner that limits light trespass to 0.1 foot-candle as measured at the property line.
 - f. Light intensity shall not exceed ten (10) foot-candles measured three (3) feet above grade.
 - g. No light fixture shall be greater than twelve (12) feet in height, except pole- or building-mounted, fully shielded and downward-directed lights using a light source of not more than fifty (50) watts.
- (6) Motion sensor lights may be permitted, but only where the sensor is triggered by motion within the owner's property lines.
- (7) Offsite light emission at property lines shall not exceed one-tenth (0.1) foot-candle as measured at the brightest point.

Sec. 18-267. Street lighting standards.

All new lighting illuminating public right-of-ways and easements or private streets shall conform to the following standards: streetlight fixtures shall be approved jointly by the Planning and Public Works Departments and shall comply with the guidelines of the ordinance codified herein.

Sec. 18-268. Exemptions.

The following types of lighting installations shall be exempt from the provisions, requirements and review standards of this Section, including those requirements pertaining to land use review:

- (1) Holiday lighting. Winter holiday lighting which is temporary in nature and which is illuminated only during ski season shall be exempt from the provisions of this Section, provided that such lighting does not create dangerous glare conditions on adjacent streets or properties, is maintained in an attractive condition and does not constitute a dangerous situation or fire hazard.
 - a. Residential guidelines. In order to limit holiday lighting density in residential areas, no more than one-third (?) of a property's open space shall have holiday lighting. In addition, holiday lighting shall be extinguished, either automatically or manually, no later than 11:00 p.m.
 - b. Commercial guidelines. All holiday lighting in commercial areas shall be extinguished, either automatically or manually, no later than 2:30 a.m.
- (2) Municipal lighting. Municipal lighting installed for the benefit of public health, safety and welfare, including but not limited to, traffic control devices, existing streetlights, special event lighting and construction lighting. Any Town project built after January 15, 2004, shall comply with the ordinance codified herein.

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- (3) Temporary lighting. Any person may submit a written request to the Building Official for a temporary exemption request. If approved, the exemption shall be valid for not more than fourteen (14) days from the date of issuance of a written and signed statement of approval. The Building Official may approve an additional fourteen-day temporary exemption. The Building Official shall have the authority to refer an application for a temporary exemption to the Planning Commission if deemed appropriate. A temporary exemption request shall contain the following minimum information:
 - a. Specific exemption or exemptions requested;
 - b. Type, use and purpose of lighting fixtures involved;
 - c. Duration of time requested for exemption;
 - d. Type of lamp including wattage;
 - e. Proposed location on property;
 - f. Previous exemptions if applicable;
 - g. Other information deemed necessary by the Building Official.
 - (4) Decorative lighting elements. Decorative lighting such as shades with perforated patterns and opaque diffusers may be exempted from the fully shielded requirement, provided that the lighting does not exceed fifty (50) watts.
 - (5) Community benefit. If a proposed lighting plan or fixture layout does not meet the requirements of this Article but has demonstrated a community benefit, an exemption may be considered. The applicant shall submit additional information to adequately assess the community benefit for approval by the Building Official.

Sec. 18-269. Prohibitions.

The following types of exterior lighting sources, fixtures and installations shall be prohibited in the Town:

- (1) Light sources shall not be affixed to the top of a roof, except where required by the Building Code.
- (2) Lighting for the purpose of illuminating a building façade shall be prohibited when such lighting is mounted to the ground, elevated on poles or mounted on adjoining or adjacent structures.
- (3) Blinking, flashing, moving, revolving, scintillating, flickering, intensity changing, color changing and internally illuminated signs shall be prohibited, except for temporary holiday displays, lighting for public safety or traffic control or lighting required by the FAA for air traffic control and warning purposes.
- (4) Mercury vapor and low-pressure sodium lighting shall be prohibited.
- (5) Linear lighting (including neon and fluorescent) primarily intended as an architectural highlight to attract attention or used as a means of identification or advertisement shall be prohibited.
- (6) Unshielded floodlights and timer-controlled floodlights shall be prohibited.
- (7) No outdoor lighting may be used in any manner that could interfere with the safe movement of motor vehicles on public thoroughfares. The following is prohibited:
 - a. Any fixed light not designed for roadway illumination that produces direct light or glare that could be disturbing to the operator of a motor vehicle.
 - b. Any light that may be confused with or construed as a traffic control device except as authorized by state, federal or local government.

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- (8) No beacon or searchlight shall be installed, illuminated or maintained.
 - (9) Uplighting is prohibited, except as otherwise provided in this Section.

Sec. 18-270. Nonconforming lighting.

Unless otherwise specified within this Article, within eighteen (18) months of the effective date of the ordinance codified herein, all outdoor lighting fixtures that do not conform to the requirements of this Article must be removed, replaced with conforming fixtures or retrofitted to comply to the extent practical as determined by the Building Official. Violations shall be corrected within sixty (60) days after being notified in writing by the Building Official.

Sec. 18-271. Review standards.

Exterior lighting plans shall conform to the following design review standards:

- (1) Height. Outdoor residential and commercial lighting shall be twelve (12) feet or less above grade in height. Special review by the Planning Commission may allow lighting of a greater height under the following circumstances:
 - a. A fixture of greater height is required due to safety, building design or extenuating circumstances, in which case the light shall be fully shielded with a nonadjustable mounting;
 - b. Lighting for commercial parking and vehicle circulation areas may have a maximum height of twenty (20) feet above grade and shall be fully shielded;
 - c. Lighting on above-grade decks or balconies, which are fully shielded.
- (2) Foot-candles. Outdoor nonresidential, sign and residential lighting shall not exceed the maximum foot-candles designated in their respective sections. Special review by the Planning Commission may allow lighting of greater intensity under the following circumstances:
 - a. A fixture of greater light intensity is required due to safety, building design or extenuating circumstances, in which case the light shall be fully shielded with a nonadjustable mounting;
 - b. An architectural or historical feature requires greater illumination, in which case the light shall be fully shielded with a nonadjustable mounting.

Sec. 18-272. Procedures.

Lighting plans and proposals shall be submitted as follows:

- (1) Lighting plans submitted in conjunction with applications for subdivisions, planned unit developments, developments within environmentally sensitive areas or special review applications shall be reviewed by the Planning Commission.
- (2) Lighting plans submitted as a part of a building permit application for a commercial or residential structure shall be reviewed by the Building Official. The Building Official shall have the authority to refer an application to the Planning Commission.
- (3) Any appeals related to decisions regarding outdoor lighting shall be made to the Town Manager.

Secs. 18-273—18-290. Reserved.

Town of Snowmass Village

Agenda Item Summary

DATE OF MEETING:

September 10, 2024

AGENDA ITEM:

A Broad Discussion Regarding Construction Activity

PRESENTED BY:

Clint Kinney, Town Manager

Mike Metheny, Chief Building Official

Anne Martens, Director of Public Works

Brian Olson, Chief of Police

BACKGROUND:

At the August 19, 2024, Town Council meeting, during the Public Comment Section of the agenda, three residents of the Faraway and North Ridge area discussed their broad frustration with construction activity in the Village and asked, broadly, if there was a way to limit (alter) construction to improve livability and better meet stated goals in the Comprehensive Plan.

A link to their presentation is here (public comments section):

https://snowmassvillage.granicus.com/player/clip/1557?view_id=6&redirect=true

The residents discussed a variety of concerns including:

- Overall construction traffic
- Cars parked in the right-of-way
- Emergency service access
- Noise pollution

The residents offered a number of suggestions, including

- Creating and coordinating a master construction plan for residential and commercial activity
- Limit (put the brakes on) construction activity to decrease traffic noise and improve livability
- Change how the Town makes construction permitting decisions.

Town Staff will present background information to the Council about permit numbers, the construction management plan process, and how staff schedules public projects.

This is expected to be a general discussion. No action is required.

Town of Snowmass Village

Agenda Item Summary

DATE OF MEETING:

September 10, 2024

AGENDA ITEM:

Boards & Commissions utilization and procedure update

PRESENTED BY:

Clint Kinney, Town Manager

BACKGROUND:

Boards and Commission provide an opportunity for citizens in our community to convey concerns and advise to the Town Council. They assist Town Council by advising on issues and policy, representing specific interests, act as a communication link with the community, and provide some additional analysis on matters that will be decided by Town Council.

The Town Council scheduled this continued broad discussion item to further look at the Boards & Commissions roles, application process and ways to gather feedback from existing B & C members to help in improving governance and engagement.

A draft survey asking for feedback from Boards and Commission members has been prepared for Council's review. Once the Council settles on survey questions and format, we will distribute the survey, compile feedback and present it back to Council.

In addition to the survey, it was mentioned that the appointment process may also need further discussion.

Section 8.3 of the Home Rule Charter states that members of all boards and commissions shall be appointed by the Town Council. By Ordinance No. 8, Series of 2023, the Town Council referred to the registered electors in the Town a ballot measure to amend the Charter to permit for elected officials to serve on permanent boards and commissions of the Town as may be provided by ordinance. The ballot measure was approved by voters at the November 7, 2023 election.

Ordinance No. 3, Series of 2024 amended Chapter 2 of the TOSV Municipal Code to implement Ordinance No. 8, Series of 2023, by allowing Town Council to appoint members of Town Council to serve on Town Boards and Commissions (except the Planning Commission) in a non-voting capacity. In addition, the Ordinance amended the Code to make miscellaneous changes for the purposes of clarification, consistency, and improvement of Town operations. Such changes include adopting generally applicable provisions related to vacancies, removal, bylaws, terms of chair, and open meetings.

The vacancies are publicly posted, advertised in the Snowmass Sun and posted on social media from September 15th to November 15th. In 2023 and 2024 we received 22 applications and 30 applications respectfully.

FINANCIAL IMPACT:

N/A

APPLICABILITY TO COUNCIL GOALS & OBJECTIVES:

Council Goal #3: Increase Community Engagement to Foster Emotional Connectivity

The Council will strive to increase effective community engagement to foster relationships, emotional connectivity and to protect community character. The Council will protect the community's character by ensuring that public amenities, events, facilities, and services enhance the local community and are designed to meet local community interests.

A sense of community is created through meaningful connections and a welcoming atmosphere. These types of connections are critical. Knowing that a variety of issues (especially increased housing costs) are negatively impacting the community, the Council will find ways to have all residents and guests be more committed and emotionally connected to the Village and our community. The Council desires to build community among all long-time residents, new residents, part-time residents, and guests with the goal of everyone feeling comfortable, welcome, and engaged in the Village.

This Town Council is focused on offering a variety of opportunities to receive feedback create connections and listen. It is imperative to expand citizen access to the Council thus elevating community conversation, collaboration, and emotional connection to the Village.

The Council desires to maintain high quality communications with its citizen Boards and Commissions. The Council will do this by asking for guidance and feedback from them. The Council will explore a change to the Town Charter to allow Councilors to serve as ex-officio members of Boards and Commissions.

ATTACHMENTS:

1. B&C Draft Survey
2. B&C blank Application Form

TOSV Board & Commission Member Survey Instrument

These questions aim to gather feedback on various aspects of their roles and experiences, which can help in improving governance and engagement.

General Information

- 1) What is your Name? [Open Ended]
- 2) Name of Board or Commission? [Select from list]
- 3) Length of Service? [Select one]
 - a. Less than 1 year
 - b. 1-3 years
 - c. 3-5 years
 - d. More than 5 years

Role and Responsibilities

- 4) How clear are you about your roles and responsibilities on the board/commission?
[Select one]
 - a. Very clear
 - b. Somewhat clear
 - c. Neutral
 - d. Somewhat unclear
 - e. Very unclear
- 5) How well do you feel the board/commission defines and communicates its goals and objectives? [Select one]
 - a. Very well
 - b. Well
 - c. Neutral
 - d. Poorly
 - e. Very poorly
- 6) Do you feel you have adequate resources and support to perform your duties effectively? [Select one]
 - a. Yes
 - b. No
 - c. Somewhat

- d. Not sure

Meetings and Procedures

- 7) How satisfied are you with the frequency and scheduling of board/commission meetings? [Select one]
 - a. Very satisfied
 - b. Satisfied
 - c. Neutral
 - d. Dissatisfied
 - e. Very dissatisfied

- 8) How effective are the meetings in facilitating productive discussions and decision-making? [Select one]
 - a. Very effective
 - b. Effective
 - c. Neutral
 - d. Ineffective
 - e. Very ineffective

- 9) How would you rate the clarity and efficiency of the meeting agendas and minutes? [Select one]
 - a. Excellent
 - b. Good
 - c. Fair
 - d. Poor
 - e. Very poor

Training and Development

- 10) How effective was the orientation or training you received when you joined the board/commission? [Select one]
 - a. Very effective
 - b. Effective
 - c. Neutral
 - d. Ineffective
 - e. Very ineffective

11) What additional training or resources would help you in your role? [Open-ended]

Communication and Collaboration

12) How would you rate the level of communication and collaboration among board/commission members? [Select one]

- a. Excellent
- b. Good
- c. Fair
- d. Poor
- e. Very poor

13) How well do you feel your opinions and contributions are valued and considered? [Select one]

- a. Very well
- b. Well
- c. Neutral
- d. Poorly
- e. Very poorly

Challenges and Improvements

14) What challenges have you faced in your role on the board/commission? [Open-ended]

15) What improvements would you suggest for the board/commission? [Open-ended]

Overall Experience

16) Overall, how satisfied are you with your experience as a board/commission member? [Select one]

- a. Very satisfied
- b. Satisfied
- c. Neutral
- d. Dissatisfied
- e. Very dissatisfied

17) Would you recommend serving on this board/commission to others? [Select one]

- a. Yes
- b. No
- c. Maybe

18) Any additional comments or suggestions? [Open-ended]

19) Would you like to receive follow up from Town Council?

- a. Yes
- b. No

Apply for a Board or Commission

Thank you for your interest in one of our Boards or Commissions! Please select which board you are applying for and complete the form below.



Please select the Board or Commission you are Applying For: *

- ☐ Board of Appeals & Examiners
- ☐ Citizens Grant Review Board
- ☐ Environmental Advisory Board
- ☐ Financial Advisory Board
- ☐ Marketing, Group Sales, & Special Events Board
- ☐ Parks, Open Space, Trails, & Recreation (POSTR) Board
- ☐ Part-Time Residents Advisory Board
- ☐ Planning Commission
- ☐ Snowmass Arts Advisory Board

Full Name *

Phone Number

Secondary Phone Number

Email *

Confirm Email *

Address

Street Address

Address Line 2

City

State/Province/Region

Postal/Zip Code

Country

Is your Mailing Address different than the Address Above? *

☐ Yes ☐ No

Are you a permanent resident?

☐ Yes
☐ No

Are you registered to vote in Snowmass Village?

☐ Yes
☐ No

Please list your experience and/or education that qualifies your for this position. *

Why do you wish to be appointed to this position? *

Signature *

I acknowledge that I am familiar with the qualifications, duties, and responsibilities of the position for which I am applying and, if appointed, I am ready, willing, and able to take an oath as well as accept the responsibilities and duties.

Sign

Date

9/5/2024

Submit