Study Session: Dark Sky Policies and Standards

October 28, 2019



Background

- Part of FY2019-20 Work Program
- Light Pollution
- Dark Sky Movement

Dark Sky Regulations Intent

- Reasonable lighting
- Prevent light pollution and intrusion
- Reverse degradation of night sky
- Help protect natural environment

Current Lighting Regulations

- Color
- Fixture Orientation
- Glare
- Uniform intensity
- Critical Areas

Current Regulations (Contd.)

- Residential Hillside Zone
 - Outdoor Lighting
 - Motion-Activated Lighting
 - Recreational Courts

Analysis

- Applicability
 - New Development
 - Existing Development Options:
 - Do not need to conform or
 - Conform upon permit issuance or
 - Comply by a set date

Analysis (contd.)

- Fixture Type
 - Lighting standards by use
 - Outdoor illumination shielded and directional

Examples of Acceptable / Unacceptable Lighting Fixtures



Analysis (contd.)

- Lighting Controls
 - Motion sensor, photo-cells, and timers
- Prohibited Lights
 - Up-lighting, flood lights, search lights, exposed bulbs, etc.
 - Potential for greater light and glare

Analysis Continued

- Exceptions
 - Holiday Lights, lighting for signs, accent lighting, lighting in public rights-of-way
- Lighting Requiring a Hearing
 - Lighting that is considered unnecessary
 - Exception process for different uses

Next Steps

- Receive direction
- Develop draft regulatory program
- Outreach
- Draft Ordinance back to PC

Direction

Direction to Staff

- Applicability
- Fixture Type

Direction to Staff

- Lighting Controls
- Prohibited Lights

Direction to Staff

- Exceptions
- Lighting requiring a hearing