

## **Planning Commission Lighting initiative**

### **What do we want to do?**

Prepare a Comprehensive Town Street Lighting Master Plan to present to the Council (to be included in the Comprehensive Plan and adopted by resolution or ordinance)

### **Plan Contents (Per USDOT recommendations)**

1. Define Purpose of Lighting (define community image, economic development goals (commercial or tourism). Include safety, economic development, beautification, provide for secure environment for people, vehicles and property
2. Include area map, define road types (collector, low use residential, etc.) and existing lighting (by type, ownership and surface lighting levels)
3. Define Land Use (Residential, Commercial, Public spaces) by type
4. Define pedestrian and cycle routes and other infrastructure information
5. Provide information on existing fixtures, poles, light sources, fixture cutoff, surface lighting levels
6. Recommend lighting design criteria (light levels, ground patters, scatter/spill, glare and night glow).
7. Recommend areas that should have additional lighting (by type land use) and recommend areas to remain in darkness.
8. Recommend light requirements for new installations and existing lights recommended to be removed/changed over time due to failure to meet design criteria
9. Review technical advances in lighting types and determine available street light types.
10. Recommend appropriate light types for new and replacement lights.
11. Determine numbers for lights recommended for immediate and longer-term installation or replacement and determine the priority for action.
12. Prepare C/B analysis for recommended type of lights, and recommend if Delmarva leased vs. Town purchased lights should be used. Include initial purchase, installation costs, lease cost, power costs and maintenance and other factors.
13. Draft a new lighting plan and an implementation strategy.
14. Develop a capital expenditure plan by year for recommended new and light replacement scheme.
15. Develop a comprehensive street lighting master plan and ensure it meets all national and local code requirements.