

Changes approved on June 10 include the following wording changes shown in red:

**In Chapter 5, Historic, Cultural, and Scenic Resources, page 5.21**

**Strategy 11a:** Continue to pursue measures to reduce light pollution in the County caused by uplighting, excessive lighting, glare, light trespass, and inconsistent light, including, but not limited to, the development of guidelines to address these issues for street lights in the Development Areas. Such guidelines should focus on providing a safe and secure pedestrian environment.

Light pollution is the biggest threat to dark sky. Light pollution obscures the view of the sky and primarily comes from **overly bright** and misdirected lighting sources. Terms often associated with light pollution are *urban sky glow*, *glare*, and *light trespass*. Simply defined, light pollution is too much light shining in the wrong direction, sometimes creating glare. Glare occurs when light is seen directly from the fixture or bulb, which can cause **discomfort** to the eyes and reduce the effectiveness of the emitted light. Glare can be taxing to the eye, and cause accidents. Other problems occur when light spills over property lines. This can illuminate adjacent grounds or buildings in an objectionable manner, interfering with the owner's enjoyment of his or her property, privacy, and view of the night sky. While the current lighting regulations have helped to improve the night sky since their adoption, **more** work is needed. **Providing safe and secure nighttime pedestrian access requires provision of** street lights in the Development Areas; **however,** street lights have the potential to create glare and shadowed areas, which are problematic to nearby residents, drivers, and pedestrians. **Development of guidelines or regulations are needed for street lighting that protects the night sky as well as pedestrians. In addition, consideration should be given for reviewing the current ordinance to determine if it is effective and if other measures would increase its effectiveness for limiting glare and uplight from inadequately shielded lights and illumination at ground level. Research should take place on the successful work of other localities and the recommendations lighting practices from the Illuminating Engineering Society in order to have a safe, comfortable, and attractive nighttime environment.**

**In Chapter 4, Natural Resources, page 4.29**

**Objective 8: Recognize changes occurring to the earth's climate to anticipate and mitigate impacts to the County.**

Climate change is happening and its effects are being felt throughout the world. Overall, **greenhouse gas emissions have** contributed to global warming, which will ultimately result in impacts to weather, energy use, forests and agriculture, and ecosystems. While it is not yet known what changes a warming climate may bring to central Virginia, there is potential for harm to human and biologic life and road and utility infrastructure.

**Strategy 8a:** Study the expected effects of climate change on Albemarle County and develop a Community Resilience Plan to prevent harm to human and biologic health.

The LCAPP Report provided excellent information on ways to reduce energy consumption and particulate emissions. These activities will help the community do its part to slow and **stabilize the concentration of greenhouse gases.** However, tools....

### In Chapter 6, Economic Development, page 6.9

**Strategy 3f:** Work directly with federal officials to encourage military base location and expansion that is consistent with County policies.

Rivanna Station is a federal research installation located in the Places29 Area north of the Rivanna River adjacent to Route 29 North. It is an important center that is poised to grow as military operations are decentralized from the Washington, D.C. area. Support for this key economic driver is important for local as well as national interest. Ongoing dialogue with officials at Rivanna Station and with Fort Belvoir Army Base, which oversees the Rivanna Station, will ensure that national security interests are protected and help increase the ease with which new development occurs for Rivanna Station.

### In Chapter 8, Development Areas, page 6.9

**Strategy 5b:** On greenfield sites, encourage developers to build at the higher end of the density range, provided that development will be in keeping with design recommendations in the Neighborhood Model.

### In the Reference Documents, page R.10.11

(third paragraph)

Other principal arterials include Route 29 and Route 250 from the I-64 east interchange at Shadwell to the Route 29/Route 250/Ivy Road interchange. The County is connected...

**IF YOU HAVE QUESTIONS ABOUT THE ADOPTED COMPREHENSIVE PLAN,  
PLEASE CONTACT ELAINE ECHOLS AT 296-5823 X 3252 OR EMAIL HER AT  
eechols@albemarle.org**