

(NEW CONSTRUCTION ONLY) Site Engineer Best Practices Checklist

As a contractor on an applicable Iowa Economic Development Authority assisted project, you are expected to implement best practices identified in the [Iowa Green Streets Criteria](#). Here are key site design strategies and best practices expected to be implemented in this project. See sections 2, 3, and 7 of the [Iowa Green Streets Criteria](#) for full details.

- Sensitive Site Protection:** Do NOT Locate Project on Sites Meeting any of the Following:
 - Land Within 100 Feet of Wetlands. Maintain or Establish Riparian Buffer.
 - Land on Slope >15%.
 - Land with prime soils, unique soils or soils of state significance per USDA designations.
 - Public parkland.
 - Land identified as existing habitat for species on federal or state threatened/endangered lists.
 - Land within Special Flood Hazard Areas as identified by FEMA on the Flood Insurance Rate Map.
 - Land outside the corporate limits of a municipality.
- Project Location:** Locate Project on Site with Access to Existing Roads, Water, Sewer
- Connectivity:** Connect Project to the Pedestrian Grid
- Proximity to Services:** Locate Project Within ¼ Mile of 2 Services or ½ Mile of 4 Services
- Environmental Remediation:** Conduct an Environmental Site Assessment
- Erosion and Sedimentation Control:** Get DNR Permit (if site ≥1 acre), Follow EPA Guidelines
- Landscaping:** Spec at Least 50% Native Trees/Plants, Do Not Include Invasive Species
- Surface Water Management:** Use Green Infrastructure to Manage ≤1.25" Rainfall on Site
- No Irrigation:** Do Not Install an Irrigation System
- Water Drainage:** Provide drainage of water away from walls, windows and roofs

The Iowa Green Streets Criteria promote public health, energy efficiency, water conservation, smart locations, operational savings and sustainable building practices. Benefits include improved energy performance and comfort, a healthier indoor environment, increased durability of building components, and simplified maintenance requirements that can lead to financial efficiencies for property managers and owners.

The Criteria follows closely the Enterprise Green Communities Criteria used in 22 states and nearly 50,000 homes and apartments. Enterprise's project pipeline includes projects that through implementing a robust integrative design approach met the criteria at no additional cost. In a 2012 study, Enterprise found a median 2% increase to total development cost. The average project achieved lifetime utility savings with a simple payback of 5.59 years.

Questions relating to the Green Streets Criteria should be directed to Jeff Geerts, Iowa Economic Development Authority Special Projects Manager, Jeff.Geerts@iowaeda.com or 515.348.6211.