



Site Development



Scott Emergency Communications Center
Davenport, Iowa

Construction Cost:

- \$8,000,000

Sitework Cost:

- \$700,000

Project Features:

- LEED Gold Certified
- 27,600 SF Building
- 5.7 Acre Site
- 45 Parking Spaces with 12 Emergency Overflow Spaces on Reinforced Turf
- No Parking Lot Storm Sewer
- Three (3) Rain Gardens
- Converted Existing Detention Basin to Wetland Detention Basin
- Exceeded LEED Stormwater Quality and Quantity
- Off-Site Sanitary Sewer Extension



SECC at Night



East Building Entrance

Engineering Enterprises, Inc. (EEL) provided civil engineering design and construction documents for the site development of the new Scott Emergency Communications Center (SECC).

The new SECC consolidates dispatching services to over 30 municipal, county and not-for-profit police, fire and emergency medical agencies.

This project achieved LEED Gold Certification. EEL assisted in the achievement of this goal by incorporating green features into the site.

- A Storm Water Pollution Prevention Plan (SWPPP) was prepared to control erosion during construction.
- The design of the site worked with the natural hilltop topography to minimize grading.

- The parking lot was designed to sheet flow into rain gardens, eliminating storm sewer and reducing construction cost while removing pollutants from the runoff.
- Rain gardens were designed to infiltrate a one-inch storm runoff from the parking lot and roof. These rain gardens remove almost all pollutants during a typical rainfall.
- Native seeding throughout the open space around the building will create a diverse prairie with wetland, transitional and upland plant communities.

In addition to the green design elements, EEL also provided the design and construction documents for a sanitary sewer extension that connected to the existing sewer adjacent to Goose Creek, requiring special construction techniques to avoid impacts to Goose Creek, and utility services to the new building.