

Davenport Police Green Roof

Davenport, Iowa



Conservation Land Stewardship (CLS), was subcontracted by Williams Brothers Construction to install the City of Davenport's first green roof. The green roof, designed by Conservation Design Forum, was installed on the new Police Department Building in the summer of 2007.

The green roof contains a combination of standard green roof applications, hardscapes, and unique landforms. The aim of this project was to reduce storm water runoff, minimize reflective solar heat, and create open green space for the police officers of Davenport. The implementation of this design included the following techniques and features:

- Installation of protection and water retention fabrics
- Placement of engineered green roof soils
- Creation of aesthetic landforms
- Installation of planter boxes
- Installation of paver tile paths and patios
- Installation of aggregate paths
- Seeding of appropriate native species
- Hydromulch installation
- Live plant installation
- Sedum sod installation
- Management and monitoring

Client:	Williams Brothers Construction
Project team:	Conservation Land Stewardship Conservation Design Forum Neumann Monson Architects Williams Brothers Construction
Status:	Project completed in 2008
Project budget:	\$150,000