

Clapsaddle-Garber Associates, Inc. (CGA)  
16 East Main Street  
Marshalltown, IA 50158  
Media Contact: Stephanie Rottinghaus 319-266-0258

**FOR IMMEDIATE RELEASE (Marshalltown, IA)** – Clapsaddle-Garber Associates, Inc. (CGA) is pleased to announce they have been selected to receive an Engineering Achievement Award from the American Council of Engineering Companies of Iowa.

CGA submitted an award application in October, 2018 in the “Special Project” category and described their unique engineering design of the Grand Crossing Condominiums’ parking lot in downtown Waterloo, Iowa. The design incorporates numerous green initiatives-including the utilization of stormwater management practices, permeable pavers throughout the entire parking lot, infiltration and inclusion of bio retention ponds.

With the engineering design proposed by CGA, the permeable pavers (that look similar to brick), reduce water runoff and prevent flooding. These interlocking pavers effectively trap and suspend solids and filter pollutants from the water since there is a base and subbase that allow the movement of stormwater through the surface. When combined with the high infiltration of the site soils, the entire Grand Crossing parking lot can be drained with minimal use of the city’s storm sewers.

The design also incorporated bio-swales, which are landscape elements designed to remove silt and pollution from surface runoff water. They consist of swaled drainage course with gently sloped slides and are filled with vegetation.

CGA Project Engineer Adam Daters states that “The project is representative of how CGA civil engineering is on the leading edge of design since the logistics of including the paver system was done before Iowa SUDAS (Statewide Urban Design and Specifications) released their design manual and standards for this type of paving.” CGA worked with the owner, paver suppliers and the IEDA review group to develop the best design for this project.

*Clapsaddle-Garber Associates, Inc. (CGA) is a civil engineering and land surveying firm based in Ackley, Ames, Cedar Falls, Marshalltown and Webster City, Iowa. They have provided a full range of quality engineering and land surveying services throughout Central Iowa since 1959. The CGA team includes Professional Engineers, Licensed Land Surveyors, and a Real Estate Broker. Areas of expertise include aviation facilities; construction administration for public and private clients; residential, commercial, and industrial subdivisions; public, commercial, and private site designs; land surveying and construction staking; right of way acquisition; storm water studies and management plans; construction testing and observation for public and private clients; studies, planning, and design of traffic, transportation, and recreation facilities; planning and design of water distribution systems; and planning and design of waste water collection systems. From concept through completion, CGA is your engineering firm! Learn more at [www.cgaconsultants.com](http://www.cgaconsultants.com).*

*The American Council of Engineering Companies (ACEC) is the voice of America's engineering industry. Council members – numbering more than 5,000 firms representing more than 500,000 employees throughout the country – are engaged in a wide range of engineering works that propel the nation's economy, and enhance and safeguard America's quality of life. These works allow Americans to drink clean water, enjoy a healthy life, take advantage of new technologies, and travel safely and efficiently. The Council's mission is to contribute to America's prosperity and welfare by advancing the business interests of member firms. Learn more at <https://www.cec-iowa.org>.*