



Capstone Design Project Abstract

Project Title: City of Hartwell Parking Lot and Pocket Park

Sponsor: Archway Partnership

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Faculty Mentor: Stephan Durham

As it rapidly expands in the wake of Covid-19, the City of Hartwell is in need of increased downtown parking as well as a green-space for its residents. Currently, no passive green-space is available in the downtown area, meaning residents looking for a place to enjoy the outdoors are forced to drive more than twenty minutes away. In addition, businesses looking to open locations in downtown Hartwell face difficulties in providing customer parking. After reviewing the needs of Hartwell residents, the City of Hartwell collaborated with JWK Engineering to determine the best possible layout of a nearby parcel of land in order to maximize passive greenspace while fulfilling the city’s parking needs. In an effort to consider future needs, the parking lot includes two electric vehicle charging spaces and connects the parking lot of an adjacent church to a new thoroughfare. The thoroughfare runs between the parking lot and the park, with a roundabout connecting the parcel’s abutting roads to the newly-renovated fire station. In the park, residents will be able to enjoy lunch at the picnic tables, sit in the shade of the gazebo, and play on the splash pad to cool off. Also included is an area of permeable pavers to act as overflow parking for the nearby elementary school, located just a five-minute walk away. The end product of is a full set of construction drawings including details for site layout, demolition, grading, stormwater management, erosion control, utilities, and landscaping associated with making the site plan a reality.

The city hopes to use grant funds, in addition to funds remaining from a recent update to the Hartwell Fire Station to develop this area and meet the residents’ needs.

