



SF-Rima - Project Report # 9

Project:

**Robson Center in
Gainesville, Georgia**
(former Southern Heritage Building)

8,200 sq.ft. SF-Rima™ (tumbled)
Constructed in 2003



“The Robson Center pavement was installed in order to meet a new municipal limitation on impervious cover, while getting full economic development from the site’s acreage”, according to Bruce Ferguson, FASLA, Franklin Professor of Landscape Architecture, University of Georgia and project designer.

Since the soil was largely clay fill that had to be compacted, very little infiltration into the soil is expected, explained Ferguson. “Instead, a perforated pipe at the bottom of the base reservoir drains to the city’s storm sewer system. A previously installed stormwater detention basin had been designed for impervious surfaces throughout the development. This pavement’s permeability and in-pavement storage are expected to make the project’s stormwater performance exceed the design expectation.”



Photo courtesy: Bruce K. Ferguson



“The base course or ‘base reservoir’ is made with open-graded No. 57 crushed granite rock, which has void space of +30% and very high permeability”, said Ferguson. “The bedding layer and joint fill is similar but smaller No. 89 aggregate, which also has high porosity and permeability. The combination gives the pavement high permeability and water storage capacity.”

Parking spaces consist of asphalt to reflect easier use by pedestrians and handicapped persons. The use of SF-Rima™ in the parking lot is focused on the central driving lane in order to give everyone who enters the development the experience of SF-Rima’s geometric and architectural character, as a foreground to the building.



Tumbled
SF-Rima™ pavers

SF-Rima™ manufacturer:
Blue Ridge Pavers, Dawsonville, GA