



Resource International, Inc. (Rii) has been operating since 1973 as a Female Business Enterprise in Columbus, Ohio. As CEO and Chair of the Board, Farah Majidzadeh built a company from the corporate HQ that began in her basement in 1973 into a broad-based, multi-disciplined, professional engineering consulting firm specializing in construction management, IT, and planning and design of buildings and infrastructure projects valued in excess of USD1 billion annually. Today, the Columbus-based corporate headquarters and its branch offices throughout the Midwest and abroad employ over 130 engineers and professionals and list a large roster of completed projects for federal and state government, education, healthcare and sports and entertainment. The firm has received consistent and widespread acclaim for its work. As one example - the Michael A. Fox Highway contract in Butler County, Ohio earned the IRF's Global Road Achievement Award and the American Road and Transportation Builders Association and Transportation Development Foundation's 2000 Globe Award for Environmental Excellence, the Build America Award for the Best New Highway in America, the Excellence in Concrete Paving Award in Ohio and the Quality Asphalt Pavement Award in Ohio. To date, it remains one of the only Ohio projects of its size to be completed ahead of schedule.

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# Building Green Infrastructures

The concept of 'green' roadways and buildings is sweeping the nation. The US Green Building Council (USGBC) and its initiative for including green elements in its construction projects is growing in importance for communities. In an effort to become more environmentally friendly, every owner, engineering firm, and construction supplier is looking for ways to use new 'green' concepts. Resource International is at the forefront of this.

## Environmental Benefits

The City of Colorado Springs, Colorado is experimenting with a new pavement method, **Terminal Blend Tire Rubber Asphalt (TBTRA)**, on select roadways. The goal was to not only create **quieter and safer driving conditions**, but also provide the **most durable surface** while creating a **more environmentally-friendly atmosphere**. After extensive research, the City learned that using "wet" and "dry" tire rubber asphalt manufacturing processes led to excessive smoke and aroma being released into the atmosphere at asphalt plants. However, opting for the terminally blended manufacturing process proved to be the most environmentally-friendly option. TBTRA is produced in a closed-system plant, preventing smoke and particulates from entering the atmosphere.

In addition to being smoother, quieter, and safer-particularly during rainstorms, the TBTRA has proven to have a **significantly lower concentration of roadway pollutants** running into the roadside ditches compared to contaminated stormwater runoff of other asphalt pavement.

