

## **Ohio Economic Impact and Jobs Analysis**

PB has used a wide range of methods – from the relatively simple application of regional multipliers to the development of complex new models – to estimate the job creation and economic impacts associated with countless transportation projects.

One recent PB effort is the development of the Ohio Transportation Economic Model (OTEM) for the Ohio DOT. This particular tool uses customized economic (input-output) models and a disaggregate sector approach to identify the economic impacts of new construction activity and improved mobility/accessibility for both freight and personal travel. The model estimates the number of jobs created (employment), personal income generated, value added, and regional economic output. It also incorporates “new economic geography” effects such as improved supply chain organization, economies of scale and agglomeration, and industrial reorganization. OTEM is being incorporated into the DOT’s statewide transportation models and ODOT will use the analysis to support its capital planning and programming efforts, including future project prioritization.