

ECONOMICS & PUBLIC FINANCE

Strategically positioning our clients' community, infrastructure and economic development projects for fiscal success

Michael Baker

I N T E R N A T I O N A L



Central and South Basins Stormwater Infrastructure / Village of Key Biscayne, Florida
Michael Baker helped the Village of Key Biscayne win over \$885,000 through the Resilient Florida grant program.

WHO WE ARE

Federal, state and local governments often seek to leverage the necessary funds to maintain, rebuild, and expand vital public infrastructure. Planned initiatives may face funding or financing hurdles that delay projects for years, if not indefinitely, leaving important environmental, safety, mobility and economic objectives unmet.

At Michael Baker International, our Economics & Public Finance Team helps public agencies, private companies and non-profits strategically position their organizations to keep their projects moving forward. We are planners and seasoned economic, finance, grant writing and management specialists with experience working for all levels of government, as well as private sector companies and organizations.

This experience enables us to integrate our knowledge of public finance and private sector development requirements into our consulting engagements. We assist organizations with a variety of services, including cost-benefit analysis, development of revenue strategies and funding mechanisms, and budgeting and prioritization of competing needs. With your financial and fiscal-related needs in mind, we are here to help close funding gaps and accelerate project delivery to meet vital economic development and infrastructure needs.

We Make a Difference



*Eastern Panhandle Transit Authority (EPTA) Grant Application / Martinsburg, WV
Michael Baker successfully completed a \$4.2 million Federal Transit Administration grant application.
The funds are being used to design and construct EPTA's new transit facility in Martinsburg. Michael Baker is the design lead.*

Electric Grid Grant Program Development and Administration

[Statewide, Alaska](#)

Michael Baker assisted the Alaska Energy Authority with the development of the new federally funded program to administer \$12.4 million annually of competitive grant funding available to electric grid operators throughout the state, in order to provide system resilience improvements. Deliverables included developing the program narrative, defining parameters of program administration, developing a request for applications, and identifying and refining quantitative and qualitative application evaluation criteria.

Mon Valley Alliance Economic Playbook

[Washington County, Pennsylvania](#)

Michael Baker helped develop an Economic Playbook for 27 municipalities in eastern Washington County, Pennsylvania. The playbook is a coordinated, collaborative marketing and promotional tool with detailed strategies and actions that build on the region's industrial legacy to advance economic development and continued investment. An Investment Portal was created as a public-facing website to provide investment updates.

Riverside County Transportation Commission (RCTC) Triennial Performance Audit

[Riverside County, California](#)

Michael Baker completed performance audits of RCTC and the seven transit operators in Riverside County. Audits were customized and scaled appropriately for rural operators and urban transit providers. Recommended improvements to operational management and administration were made, adopted and implemented by the RCTC and transit operators.

Mobility Resilience Plan

[Elk Grove, California](#)

For the City of Elk Grove, Michael Baker prepared a successful \$300,000 grant application for a Mobility Resilience Plan under Caltrans' Adaptation Planning Grants Program. The purpose of the Mobility Resilience Plan is to develop responses to climate change impacts on the local transportation system, including public roadways, transit, bike trails, and related infrastructure. Michael Baker provided technical support with grant research and grant writing and led development of performance metrics and a benefit cost analysis consistent with State grant requirements.



NASA Stennis Space Center Enterprise Park Market Feasibility Study / Hancock County, Mississippi
 Michael Baker conducted a market feasibility evaluation of Stennis Space Center's proposed Enterprise Park.

City of Castle Pines Grant Strategy Development and Grant Writing On-Call
Castle Pines, Colorado

Michael Baker supported the City of Castle Pines with analysis of their planning documents, policies, and guidance to identify project priorities and grant funding. This included review of existing policy and planning documents, demographics, community priorities, and critical project needs. A grant availability survey and grant administrator interviews were completed to understand nuances and updates to future grant cycles. Near-term opportunities were identified to position Castle Pines for longer-term opportunities.

Grant Program Development, Management and Administration
Harrisburg, Pennsylvania

Pennsylvania's Municipal Signal Partnership Program, also known as the Green Light-Go Program, is administered by the Pennsylvania Department of Transportation's Bureau of Maintenance and Operations. This program awards over \$35 million annually to municipalities seeking funding assistance to maintain and upgrade traffic signal assets. Michael Baker developed the program's grant application guidelines and administered and managed the program.

Delta USDA Regional Food Business Centers Program
Alabama, Arkansas, Mississippi, and Louisiana

In partnership with the Council for Workers Opportunity, a regional minority non-profit, Michael Baker is supporting the development and administration of a USDA grant program to facilitate market access for local and regional producers, with a focus on underserved farmers, ranchers and food businesses.

Economic and Community Impact Analysis and Recommendations - US 50 Highway Realignment
City of South Lake Tahoe, California

Michael Baker conducted an independent analysis of the effects of the US 50 Highway Realignment project on the local economy and the community at large. The analysis consisted of a comprehensive literature review of the economic and social impacts of similar bypass projects on the local communities affected by these realignments. Recommendations on other community infrastructure programs to promote positive economic impact and benefits were also provided.

CAPABILITIES

- Benefit Cost Analysis**
- Business Planning**
- Capital Planning & Programming**
- Climate Change & Resilience Impact Analysis**
- Economic Development**
- Economic & Fiscal Impact Analysis**
- Environmental Economics**
- Fee & Rate Studies**
- Financial Feasibility Analysis**
- Market & Real Estate Analysis**
- Performance Auditing**
- Strategic Grant Services**

Visit mbakerintl.com/practices for more information about our capabilities and iconic projects.

CONTACT

Troy D. Truax, AICP
Director, Planning
P: 717-213-6241
E: troy.truax@mbakerintl.com



Rick Williams, AICP
Project Manager, Planning
P: 916-517-4488.
E: rick.williams@mbakerintl.com



Michael Baker
INTERNATIONAL



*City of Solana Beach Seawall Mitigation and Coastal Recreation Economic Services / San Diego County, California
Michael Baker supports the County with creating economic solutions for climate resilience that balance public and private interests in tackling coastal erosion.*

Garden Spot Communities Economic and Fiscal Impact Analysis Lancaster, Pennsylvania

Michael Baker was contracted by Garden Spot Communities to evaluate the economic and fiscal impacts that the organizations' retirement communities have on their local host municipalities, school districts and county. A summary of Garden Spot Communities social implications to enhancing resident and community livelihood was captured to further identify the qualitative contributions Garden Spot and its residents make annually.

Inclusionary Housing Development Agreements City of Rancho Cordova, California

Michael Baker coordinated the negotiations of several large development agreements where affordable housing was required. The agreements between the City and the development team addressed state-mandated Regional Housing Needs Allocation capacity requirements, financing agreements, housing placement, housing affordability mix, inclusionary policy, and assessing the difference between the true cost of producing affordable housing and the reasonableness of the fees that can rationally be associated with affordable housing. The negotiations involved both land dedications and fee assessments, with the fees adjustable according to different housing sizes and types, and the land dedications phased according to the development schedule.

Eastern West Virginia Regional Airport Authority Strategic Business Plan Martinsburg, West Virginia

Michael Baker completed a comprehensive strategic business plan for the Eastern West Virginia Regional Airport Authority. The business plan included an assessment of airport operations, a detailed situational awareness of the market area and an implementation strategy centered around the strategic themes of customers, finance, operations, and workforce. Each priority goal was assigned objectives, owners, timeframe and performance metrics. This strategic business plan set the stage for the Authority to achieve its annual operating revenue of \$5 million in 5 years.

Pennsylvania Turnpike Commission (PTC) Broadband Public-Private Partnership (P3) Grant Application Middletown, Pennsylvania

Michael Baker assisted the PTC with preparing a complex \$60 million USDOT Infrastructure For Rebuilding America grant application and associated benefit-cost analysis for the Turnpike's P3 initiative to construct a 500-mile fiber optic network in the PTC's right-of-way to support the Commission's expansion of all-electronic tolling, intelligent transportation systems and connected and automated vehicle systems. This innovative P3 procurement will enable the PTC to leverage private investment and minimize operating costs by utilizing fiber instead of microwave towers for existing and planned high bandwidth applications.