RK&K

ALTERNATIVE PROJECT DELIVERY

DESIGN-BUILD

PROGRESSIVE DESIGN-BUILD

CONSTRUCTION MANAGEMENT AT RISK

FULL DELIVERY

PUBLIC PRIVATE PARTNERSHIP

CREATIVE Solutions

Responsive **PEOPLE**

As an **Owner's Representative**, RK&K works with Project Owners throughout the entire project life cycle—beginning with identifying the most appropriate project delivery method. Since Alternative Project Delivery methods are not a "one-size fits all" solution, our solutions are uniquely tailored to the size and type of project, the experience level of the Owner, and the contracting environment.

RK&K assists Owners with: developing pre-proposal/proposal documents; conducting project risk analyses; preparing instructions to proposers, contract documents, bridging documents, contract specifications, and performance specifications; developing the evaluation criteria; and assisting with the selection process. Upon selection of the most qualified proposer, RK&K continues to represent the Owner through the award, design and construction phases of the project, including: design plan reviews for contract conformity; construction schedule reviews; environmental and permit coordination; addressing Requests for Information (RFI) and change requests; and analyzing potential claims. RK&K also provides Quality Control (QC) and Quality Assurance (QA) for construction services.

Intercounty Connector (DB)

Montgomery and Prince George's County, MD

Client: MDOT-SHA

As part of a Joint Venture, RK&K led the program management services (including RFP development) for this 18.8-mile, six-lane divided, tolled multi-modal highway connecting the I-270 and I-95/US 1 corridors north of Washington, D.C. $2.4B

SR 1/SR 72 Diverging Diamond Interchange (DB)

Bear, DE

Client: DelDOT

RK&K prepared RFQ/RFP bridging documents and design criteria for this diverging diamond interchange. Provided full-time construction inspection and management. $7M

Claymont Regional Transportation Center (DB)

Claymont, DE

Client: DelDOT/DTC

RK&K provided RFQ, RFP, concept plans, environmental documentation and post-award oversight for this relocated SEPTA commuter rail station. $45M

MD 32 Dualization, Linden Church to I-70 (DB)

Howard County, MD

Client: MDOT-SHA

RK&K provided NEPA re-evaluation, surveys, environmental delineations, concept plans, RFP performance specifications, plats and utility and agency coordination for this six-mile dualization. $85M

K Street Multi-Modal improvements (DB)

Washington, DC

Client: DDOT

RK&K provided NEPA, multi-modal planning, conceptual design, traffic analysis, community engagement, risk analysis, procurement analysis and RFQ/RFP development for this study to evaluate transit service options for 3.5 miles of K Street. $355M

Red Line Light Rail Transit (DB; P3)

Baltimore, MD

Client: Maryland Transit Administration

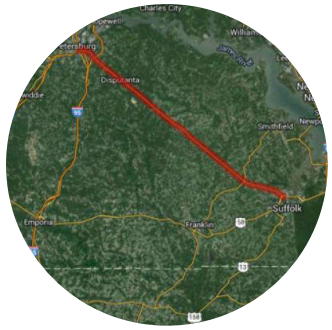
RK&K provided planning, environmental and preliminary engineering services for 14 miles of light rail transit. $2.2B

Smart Streetlights (P3)

Washington, DC

Client: DDOT

RK&K provided technical advisor services evaluating contracting models to upgrade 75,000 streetlights. Performed existing conditions assessment and developed Technical Requirements for RFP. $340M



Route 460 Corridor Improvements (P3)

Suffolk to Petersburg, VA

Client: VDOT

RK&K prepared a preliminary alignment study for 55 miles of new four-lane divided highway. Refined geometric design, created plans, estimated major quantities, and assisted with public meetings. $1.4B

Purple Line Light Rail Transit (P3)

Montgomery & Prince George's Counties, MD

Client: Maryland Transit Administration

RK&K provided preliminary engineering, plans, profiles, design criteria/specifications, cost estimates, RFP development, NEPA EIS, FTA New Starts project development funding assistance and engineering QA oversight review for 16.3 miles of light rail transit. $2.65B

Downtown Tunnel/Midtown Tunnel/ MLK Extension (P3)

Portsmouth & Norfolk, VA

Client: VDOT

RK&K provided comprehensive project management and oversight for the design and construction of a new two-lane, immersed tube tunnel; maintenance and safety improvements to the existing Downtown Tunnel; and extension of MLK Freeway. $2.1B

Middle Ground Boulevard (DB)

Newport News, VA

Client: VDOT

RK&K facilitated a risk management workshop, developed preliminary plans, Technical Requirements, and RFP documents for design and construction of this 1.2-mile roadway improvement project. $38M

Route 60 -Main Street Bridge Replacement (DB)

Clifton Forge, VA

Client: VDOT

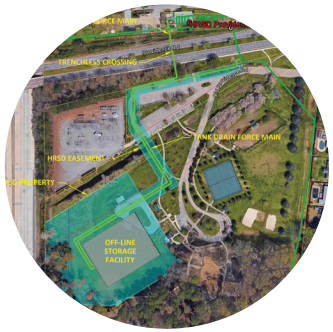
RK&K developed preliminary plans, Technical Requirements and procurement documents for this bridge replacement over Smith Creek and adjacent to historic buildings. $3.5M

I-64 Widening from MP200 to MP205 (DB)

New Kent County to Henrico, VA

Client: VDOT

RK&K provided procurement support, facilitated a design-build risk meeting, project management support, environmental compliance monitoring and assisted with day-to-day activities for this interstate widening. $43.6M



Providence Road Off-Line Storage Facility (CMAR)

Virginia Beach, VA

Client: Hampton Roads Sanitation District

RK&K provided bridging documents and advisor services during design development for this 5.1 MGD off-line sewage storage tank featuring a skate park venue on the roof. $3.1M

"Pulse" Bus Rapid Transit (CMAR)

Richmond, VA

Client: Greater Richmond Transit Company & VDOT

RK&K assisted with the FTA TIGER Grant Application, developed bridging documents and Technical Requirements, and provided construction oversight of this 7.6-mile bus rapid transit project. $64M

Harry W. Nice Memorial Bridge (DB)

Charles County, MD and King George County, VA

Client: MDOT-SHA

RK&K is providing comprehensive construction management and inspection services for the replacement of the 1.9-mile long Governor Harry W. Nice Memorial Bridge (Nice Bridge). $765M

Hampton Roads Bridge-Tunnel Expansion (P3)

Hampton & Norfolk, VA

Client: VDOT

RK&K provided procurement support, development of conceptual plans and Technical Requirements, and FHWA document support for new four-lane tunnel and approach trestles, expanded island and road/bridge improvements. $3B

Route 772 Transit Connector Bridge (DB)

Loudoun County, VA

Client: Loudoun County

RK&K provided Independent Assurance/Independent Verification services and full CPM schedule review for new two-lane steel girder bridge with a pedestrian access. $17.1M

Route 220 Corridor Improvements (DB)

Botetourt County, VA

Client: VDOT

RK&K developed preliminary design, Technical Requirements and special provisions; facilitated two risk meetings; and assisted in the procurement and post-procurement design reviews for improvements to nearly nine miles of Route 220. $64.5M

Innovative Project Delivery Services (DB; P3)

Statewide VA

Client: VDOT

RK&K provided services in support of alternative delivery projects. Services included: engineering support; public involvement; cost estimating; special provisions; audits; claims support; and development of RFQs and RFPs. $1M

Transform 66 Outside the Beltway (DB)

Prince William & Fairfax Counties, VA

Client: VDOT

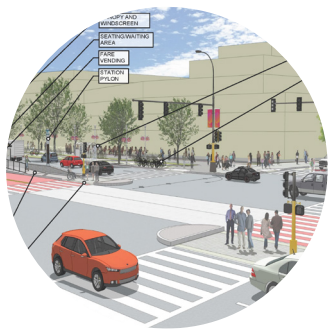
RK&K provided preliminary engineering for procurement documents. Post-procurement, RK&K performed QC and conformance reviews. $3B

I-495/I-270 Program Support (PDB)

Various Counties, MD

Client: MDOT-SHA

RK&K is providing project management/program support services for this—one of the most congested corridors in Maryland. Primary objectives include improved mobility, safety and operability/ maintainability/adaptability. $100M



Richmond Highway Bus Rapid Transit (TBD)

Fairfax County, VA

Client: Fairfax County DOT

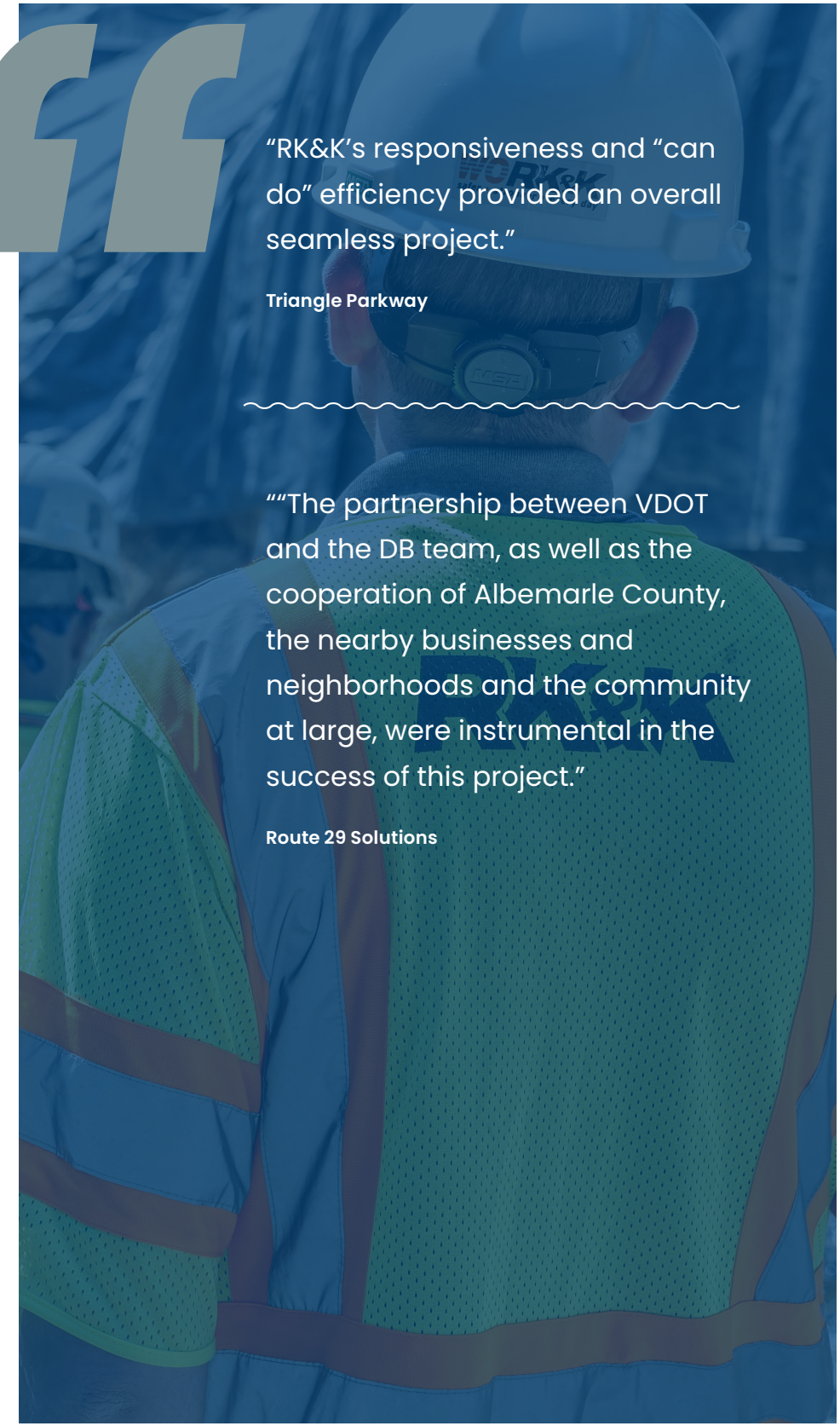
RK&K is providing program management services, including staff augmentation, NEPA documentation, public meetings, preliminary design, cost estimates and oversight of financing, governance and options for project delivery. $25M

H. L. Mooney Advanced Water Reclamation facility (DB)

Prince William County, VA

Client: Prince William County Service Authority

RK&K is providing program management services for the procurement phase. Managed development of performance requirements and preparation of RFP. $55M



"RK&K's responsiveness and "can do" efficiency provided an overall seamless project."

Triangle Parkway

""The partnership between VDOT and the DB team, as well as the cooperation of Albemarle County, the nearby businesses and neighborhoods and the community at large, were instrumental in the success of this project."

Route 29 Solutions

AWARD-WINNING PROJECTS.

I-73/Piedmont Triad International

- 2020 | DBIA | Community Impact Award

"Pulse" Bus Rapid Transit

- 2019 | DBIA | National Award of Merit in the Transportation

Route 29 Solutions

- 2018 | ACEC-VA | Pinnacle Award for Engineering Excellence
- 2018 | ACEC-VA | Grand Award for Engineering Excellence
- 2018 | DBIA Mid-Atlantic | Excellence in Engineering Award
- 2017 | VTCA | Overall Winner

I-40 Widening

- 2013 | ACEC-NC | Engineering Excellence Award

Triangle Parkway

- 2012 | ACEC-NC | Grand Award for Engineering Excellence in Transportation
- 2012 | ACEC-NC | People's Choice Award

WV Route 2

- 2012 | ACEC-MD | Excellence in Construction Award - Infrastructure Heavy Category

Frederick Douglass Bridge

- 2008 | ACEC | Engineering Excellence Awards - Outstanding Project of the Year in Transportation Category
- 2007 | McGraw Hill Publishing | Mid-Atlantic Construction Bridge Project of the Year

CONTACT US.

ERIC MELLOR, PE, DBIA | *Director*
emellor@rkk.com

Mr. Mellor has spent his entire career delivering innovative projects in the Mid-Atlantic region, including lead project management roles supporting the Owner for major Public-Private-Partnership (P3) and design-build (DB) programs, and delivery of significant DB projects as part of the DB team. Eric has led many "firsts," always challenging the "traditional" process for project delivery. From one of the largest P3 projects in Virginia with Downtown Midtown Tunnel, to the largest DB in Maryland, to the first P3 transportation project in Maryland with the Purple Line to the first Progressive Design-Build transportation project in the country for I-270 improvements, Eric is always on the leading edge. He has also helped Washington, DC and Baltimore launch their DB programs. He has proven his ability to always find more innovative, creative and efficient ways to deliver projects on time and on budget.

For additional information, please visit rkk.com.

UP FOR ANY CHALLENGE.
ALTERNATIVE DELIVERY
CONSTRUCTION MANAGEMENT
ENVIRONMENTAL
INNOVATION
SITE DEVELOPMENT
STRUCTURES
SURVEYING
TRANSPORTATION
UTILITIES/ENERGY
WATER/WASTEWATER
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