Routing Services

Defendable and quantitative routing and siting studies

Black & Veatch provides innovative and cost effective routing solutions to complex challenges. We offer comprehensive GIS-based routing services, supporting services and program management in right of way acquisition, environmental permitting, engineering, procurement and construction.

Our broad experience and proven history provides efficient planning, routing, design and construction solutions to minimize environmental and landowner impacts, ensure reliability and meet stringent cost and schedule requirements.

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Routing Service Offerings

- Routing and siting feasibility studies for linear and nonlinear facilities
- Existing easement due diligence review
- Public outreach support
- Constructability review and cost estimating based on routing deliverables
- Access roads (permanent and temporary) routing and design
- Environmental review and permitting support
- Right of way (ROW) cost analysis

Other Services

- Overhead transmission line engineering
- Underground transmission line engineering
- Breakthrough Overhead Line Design (BOLD)
- Illuminator
- ROW acquisition
- Engineering
- Permitting
- Site development
- Geotechnical

Execution Approach

- Use a GIS-based automated routing tool with a library of approximately 1,000 GIS data sources to maximize cost savings and deliver projects within days
- Perform site reconnaissance to confirm GIS data accuracy and continuously update GIS data sources to ensure routing accuracy
- Utilize nationwide data so routing analysis can be provided anywhere within the United States
- Customize routing analysis to address any environmental, landowner, historical or other project concerns
- Collaborate closely with clients to provide detailed reporting (crossing reports and mile-posted KMZs) throughout the project to maximize schedule efficiencies

Current Projects

Currently conducting confidential routing studies for linear underground and overhead projects in urban and rural areas across the United States.

Learn more
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