



# DB Engineering & Consulting USA Inc.

## Project Engineer / Rail Operations Planning, Jersey City, New Jersey

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Job-ID: EC01523  
Region: Jersey City, New Jersey / US

### Railways for the world of tomorrow!

DB Engineering & Consulting (DB E&C) is a part of the **DB group**, a world leading global railway company with an extensive organization in Germany and projects around the world. Our company offers technically sophisticated and customized infrastructure, mobility and transport solutions. With our sustainable concepts, gained from our experience in project work for decades, we ensure the future success of economic regions, make important contributions to the protection of the environment and help shape the world of the future. We represent **180 years of rail experience** and our infrastructure projects connect continents. We set the standard for transportation and modern mobility.

We are seeking an ambitious **Project Engineer / Rail Operations Planning** for our Rail Planning Group, who will be responsible for delivering technical work under the guidance of a Project Manager. The position provides you with the opportunity to demonstrate your analytical thinking, ability to work on complex issues, and desire to produce high-quality results. You will be working in an innovative team, contributing to the modernization of rail systems in North America and reporting to a Principal Consultant. It requires a highly responsible and accountable individual who is focused on developing meaningful analyses. The job opening is located at our office in **Jersey City, New Jersey / US**, and offers exciting challenges and potential for career growth.

### Your responsibilities:

- Identify and gather required input information
- Analyze data sets and develop basic planning criteria, including:
  - Ridership and demand data to develop service goals
  - Rail operations data to define operational planning parameters such as run times, dwell times and train separation times
  - Track charts and drawings to develop rail infrastructure schematics and software databases
- Perform projects across the full range of planning horizons from the short-term (immediate implementation) to the long-term (visionary concepts):
  - Apply the appropriate level of granularity depending on the project goals and planning horizon
  - Transform project goals into concepts for rail service, operation and infrastructure
  - Engage in iterative planning processes that refine and evaluate alternative concepts until acceptable and feasible solutions are identified
- Write technical reports that document the project's approach, inputs, analyses, assumptions, planning iterations, and findings
- Create visualizations that make explanations of complicated technical matters suitable for a non-technical audience



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## Your Profile:

- A university degree in Civil Engineering, Urban Planning, or Transportation Planning (M.Sc.)
- First experience in the field of strategical rail transportation planning / urban planning / operations planning / route management etc. would be a plus
- Strong ability to think analytically and stay focused on developing solutions to complex technical matters
- Demonstrable project and research experience, including the ability to perform under pressure
- Resilient, flexible, independent and well-structured working approach
- Proficiency with MS Office suite (Word, Excel, PowerPoint)
- Proficiency in rail transportation planning tools such as Viriato, RailSys, Open Timetable and others
- Professional working proficiency in English (ILR Level 3)

## Start date:

Immediately

## Location:

Jersey City, New Jersey / US

## Contact person:

For more information please contact:  
Monika Janiec  
HR Manager International Recruiting / Active Sourcing  
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In case you match the profile and are interested in a complex task within the transport sector, we are looking forward to receiving your application through our website [https://www.db-engineering-consulting.de/db-ec-en/career\\_and\\_training/online\\_application.html](https://www.db-engineering-consulting.de/db-ec-en/career_and_training/online_application.html)

Please state the reference number (**EC01523**), your earliest possible availability as well as your salary expectations.

Please note that your application will be saved and used in electronic form as a part of the application process for this position.

Thank you for considering DB Engineering & Consulting as prospective employer!