

Now Hiring

# Senior Bridge Design Engineer

Responsible for the design and review of transportation projects in accordance to customer specifications, applicable codes, standards and other generally accepted practices. As a Senior Bridge Design Engineer you will lead a team of Engineers and support the Director of the department with projects in the pipeline.

## Responsibilities

- To take lead on all transportation related projects including roads, bridges, and viaducts.
- Application of broad technical experience and knowledge.
- Check the design work performed by the team members.
- Ensure effective communication and coordination between different parties.
- Ensure designs meet the client's requirements and are compliant with Codes of Practice.
- Take initiative to improve the design skills of the less experienced engineers and improve the quality of delivery.
- A Senior role will be considered based on experience.

## Requirements

- Bachelor or Master Degree in Civil or Transportation Engineering
- 5-10 years of design experience including experience in roads, bridges, and viaducts (preferred)
- Design experience in Pre-Stressed RC Girders and Beams is a must.
- Proficiency in Design Software like MIDAS, STRAP, SAP2000, STAAD Pro V8i
- Knowledge of design codes like Euro code 2, 3
- Demonstrates technical leadership
- Ability to check works for compliance with design and specifications
- Good communication and presentation skills
- Effective team player

If you feel like you meet the above requirements and would to take on the challenge, please email us your CV and cover letter to [hr\\_egr@ecas.com.sg](mailto:hr_egr@ecas.com.sg).

We are afraid only shortlisted candidates will be contacted.

---

*ECAS offers civil, structural, geotechnical, mechanical, and environmental engineering services to clients of the public and private sector in Singapore. Drawing on our 20 years of experience, we provide consultancy, design and accredited checking services with expertise in rail, bridges, tunnels, and building works.*

**ECAS**