

Pavement Engineer

AECOM • Brisbane Grove NSW 2580



Base pay
\$0 - \$0



Work type
Full Time



Contract type
Permanent

Job details



Date posted
06 Aug 2021



Expiring date
01 Feb 2022



Category
Engineering



Occupation
Civil & Structural



Base pay
\$0 - \$0



Contract type
Permanent



Work type
Full Time



Job mode
Standard/Business hours

Full job description

Australia - Queensland, Brisbane

Job Summary

The AECOM Ground Engineering and Tunnelling Team is seeking a Pavement Engineer to join our Brisbane office. Working as a Civil Engineer with our Pavement Team, you will deliver a range of specialist consultancy services to various internal and external clients, providing both cost effective and innovative engineering solutions.

As part of this role your portfolio will include new pavement design (e.g. major highways/motorways, local roads, rural highways, unsealed roads, haul roads, airfield pavements, heavy duty port pavements etc.), rehabilitation design, geotechnical investigation (scoping and undertaking), material testing and pavement management advisory services. Our Brisbane pavement team has an extensive range of projects throughout Australia across highways, industrial, maritime and airfields.

Our team provides professional services in areas such as aviation, transit, freight rail, highways and bridges, planning, and ports and marine. As part of AECOM's global network of top-tier specialists, we deliver comprehensive services over the full life cycle of a project to benefit clients in government and private industries.

Joining us means having access to a range of projects which will support the growth and development of your career, working with industry specialists.

Minimum Requirements

- 2-8 years' relevant professional experience
- Experience in the design of flexible pavements and rigid pavements

- Experience working with Austroads Guide to Pavement Technology and Department of Transport and Main Roads Pavement Supplement
- Experience in the use of pavement design software eg. CIRCLY

The following experience will be highly regarded:

- Experience working with the Department of Transport and Main Roads construction specifications and implementation of specifications during construction
- Experience with Geotechnical Investigations including, scoping and preparing Geotechnical Briefs, engaging subcontractors, field logging, interpretation of logs and scoping of laboratory testing
- Experience analysing FWD and HWD investigations, back calculating material moduli and forward calculating rehabilitation and overlay designs
- Experience in the design of heavy-duty pavements and airfield pavements
- Experience in using pavement design software Rubicon

Preferred Qualifications

- Tertiary Qualifications in Civil Engineering (or equivalent)
- Eligible for Chartered Membership with Institution of Engineers Australia (CPEng)
- Eligible for accreditation as a Registered Professional Engineer Queensland (RPEQ)

What We Offer

When you join AECOM, you become part of a company that is pioneering the future. Our teams around the world are involved in some of the most cutting-edge and innovative projects and programs of our time, addressing the big challenges of today and shaping the built environment for generations to come. We ensure a workplace that encourages growth, flexibility and creativity, as well as a company culture that champions inclusion, diversity and overall employee well-being through programs supported by company leadership. Our core values define who we are, how we act and what we aspire to, which comes down to not only delivering a better world, but working to “make amazing happen” in each neighborhood, community and city we touch. As an

Equal Opportunity Employer, we believe in each person's potential, and we'll help you reach yours.

Job Category Engineering - Civil

Business Line Water

Business Group Design and Consulting Services Group (DCS)

Country Australia

Position Status Full Time

Requisition/Vacancy No. 252979BR

Qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, sexual orientation, gender identity, disability or protected veteran status.