

JOB DESCRIPTION

GRADUATE ENGINEER (PO1)

Transport Services Division



organisation overview

The Department for Transport, Energy and Infrastructure (DTEI) serves the South Australian community by enabling the safe and efficient movement of people and freight across the state and facilitating development of the State's infrastructure, in accordance with the State Strategic Plan and State Infrastructure Plan.

projects overview

The South Australian Government has announced major initiatives to improve the efficiency, safety and sustainability of the Adelaide metropolitan transport system. The implementation of the Departments program is organised into projects of varying scale and complexity.

Adelaide's Rail Revitalization will transform the metropolitan passenger rail network by delivering a number of rail projects including:

- > Electrification of the Gawler, Outer Harbor and Noarlunga rail lines, re-sleeping and gauge conversion of the entire metropolitan passenger rail network
- > Major interchange, train station & Park 'n' Ride infrastructure upgrades
- > Extension of the tramline to Port Road (Entertainment Centre)
- > Construction of new light rail links to West Lakes, Semaphore & Port Adelaide.

Major Road projects are targeted at improving freight efficiency and reducing urban congestion. Project types are major freeways, local roadways and arterials, commuter rail, light rail.

- > Improved freight access to the Port of Adelaide. Current projects include Port River Expressway, Northern Expressway, & Sturt Highway duplication.
- > Upgrading Adelaide's North-South transport corridor. Current projects include grade separations on South Road at Anzac Highway, the Glenelg Tramway, Sturt Road and Wingfield.

There are a range of opportunities available in the planning and delivery of these projects as well as in maintaining the State's regular road and rail programs. A continuing program to improve safety in all areas of the transport system across the State compliments these developments.

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position overview

The Department is seeking civil engineering graduates to join our Graduate Program. Our civil engineers make a valuable contribution to the future and prosperity of South Australia.

Civil Engineers at DTEI work in many different disciplines, including:

- > Project Management; Transport Planning; Urban Design; Road Design and Traffic Engineering; Rail Engineering; Contract Management; Pavements and Structures; Geotechnical; Construction Management & Environmental

DTEI offers a significant graduate program that will enhance the development of your career, including:

- > *A rotation program that allows you to experience different areas of civil engineering*
- > *Coaching and mentoring from experienced professionals*
- > *An in house technical training program to further develop your skills*
- > *A friendly and supportive work environment*
- > *Flexible working arrangements to help you achieve a good work-life balance.*

key outcomes

- > The Graduate Engineer is accountable to the Senior Manager for assisting in projects and operational activities, which contribute to the achievement of the Department's objectives.

special conditions

- > Out of hours work will be required & intra/interstate travel including overnight absences may be required.
- > A current Drivers Licence is essential.

selection criteria

qualifications

essential

- > Professional engineer or relevant tertiary qualification

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experience/knowledge/skills

- > Ability to communicate effectively, both verbally and in writing, with staff at all levels.
- > Ability to plan, prioritise and organise work to ensure pre-determined deadlines are met.
- > Proven ability to display flexibility of approach in order to meet changing requirements and situations.
- > Ability to work effectively both independently and as part of a team.
- > Interpersonal skills that indicate the ability to foster the trust and cooperation of others.

For further information, please contact Ms Lynne Franks (08) 343 2608

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