

Category 5: Young Stabiliser of the Year

Sarah Shelton

WGA

WGA



2024 AustStab Awards of Excellence

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Roles and Experience

- Over 12 years' experience in design of stabilised pavements across multiple industries and states
- Design, specification and construction supervision of stabilised pavements for roads, ports and airfields
- Advocate for the use of stabilised pavements



*Carrapateena NBT and SAR Upgrades, SA
Pavement Engineer*

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Roles and Experience

– Roads



*Birdsville Track, SA
Pavement Engineer*

- Lead Designer for numerous road stabilisation projects
- Urban and Rural projects
- Public and private roads, including mine site accesses

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Roles and Experience

– Award Winner

- Clerk of Works
Hughenden Airfield Upgrade
- Lime, cement and foam bitumen stabilisation
- Project AustStab award winner



Hughenden Airfield Upgrade, QLD
Clerk of Works

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Roles and Experience

– Heavy Duty Pavement

- Experienced in stabilisation design and independent design review for heavy duty applications
- Developed and reviewed designs incorporating stabilisation for port and freight terminals in NT, SA and QLD



Flinders Ports, SA, Pavement Design Independent Reviewer

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Communication and Advocacy Nationally

- Member of SA AustStab Working Group
- National Pavements Technical Lead at WGA - working across SA, VIC, WA, QLD, NSW and NT
- Mentors and trains junior pavement engineers
- Organises inhouse training sessions to educate staff on latest technologies, including stabilisation

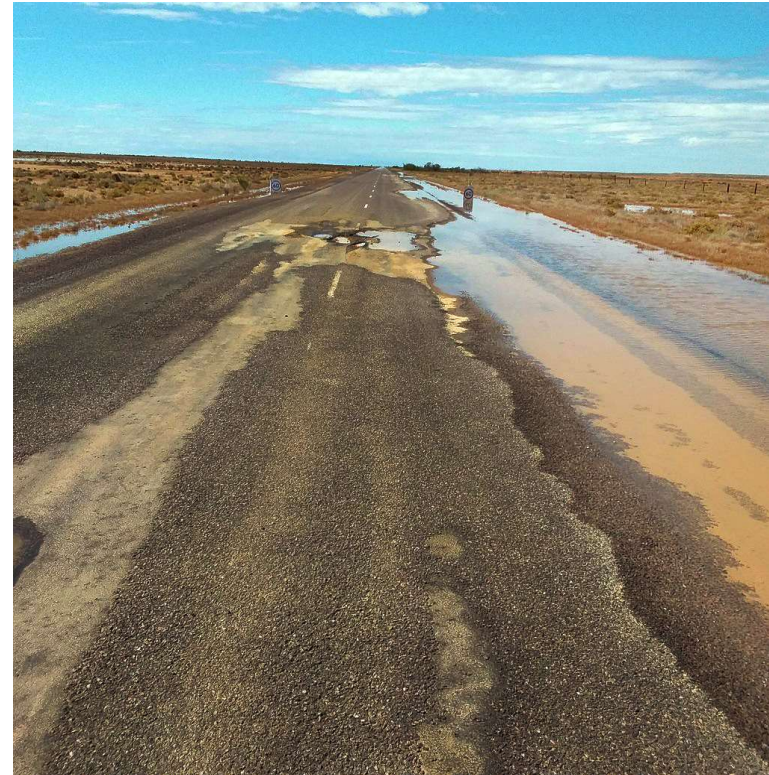


*Pacific Freight Terminal, SA
Pavement Engineer*

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Communication and Advocacy in Design

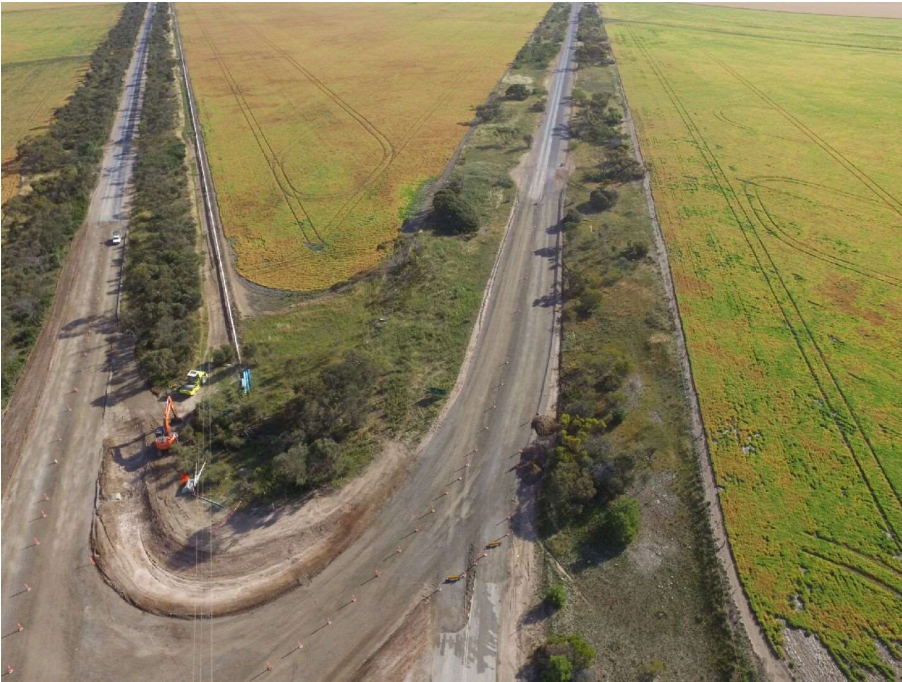
- Has provided focus on stabilisation designs to provide flood resilient pavement designs in remote areas
- Advocate for Sustainable and Innovative solutions
- Developed pavement designs to re-use existing material where possible, often through improvement from stabilisation



*Outback Highway, SA
Pavement Engineer*

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Linking Governments, Designers and Contractors



*Upper Yorke Peninsula, SA
Pavement Engineer*

- Regular clients include local government, state government and Contractors
- Close working relationship with local suppliers, contractors and geotechnical testing laboratories
- Passionate on educating clients and colleagues on project benefits of stabilisation where suitable

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Future Roles

- Maintain active role in AustStab
- Ensures up to date with current best practice solutions and available stabilisation techniques
- Realises importance of sustainable practices in pavement design, including stabilisation, as demand grows and resources shrink
- Continues to grow, learn and develop skills in pavement stabilisation
- As career progresses, opportunity to have ongoing impact on stabilisation design nationally

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