



Capability Statement

Disaster and Recovery Services



shepherdservices.com.au



Our Complete Service

- Rapid Damage Assessment Using RACAS® to support Emergent and Reconstruction Works, DRFA Flood Damage Assessment, and Submission Preparation.
- Timely and transparent DRFA Flood Recovery Delivery Project Management.
- Enhanced GIS systems and dashboards to support transparent assessment and delivery.
- DRFA and Civil Construction Program Management.
- Project Financial Management including reporting and acquittals.
- Asset Management and Maintenance Management.
- Assessment of quarries and materials.
- RACAS® to support post completion evidence and asset register updates.
- Staff training and inductions.



Our Proven Approach



- We understand the local priorities and issues.
- Early risk identification and management.
- We add value to Council with accurate data collection; prioritised work packages; alignment of betterment with existing capital packages; update asset registers.
- RACAS® and automated submissions enables the quickest submission building processes.
- Use of industry-based tools e.g., Reflect and Fulcrum to produce quality results.
- Equipped to manage the unique safety challenges of remote workplaces.
- Experience working with local contractors, providing the tools and training to support the community's recovery.



A Multi-Disciplined Team

SHEPHERD have a qualified, experienced, and capable DRFA team of over 70 professionals ensuring rapid response and mobilisation. Our multi-disciplinary team reduces risk through its combined capabilities supported by the broader SHEPHERD team and systems.

Our people are passionate about serving communities and helping them recover. We use technology and proven processes to make recovery happen quicker.

- Project Managers
- Civil Engineers
- Contract Managers
- GIS Specialists
- Asset Accountants
- Data Analysts
- Civil Inspectors



Streamlined Process

All SHEPHERD processes are supported by GIS enabled technologies via the RACAS® Hub, increasing transparency and enabling better disaster response and recovery.





RACAS® DRFA Technology

RACAS[®] Pre and Post Disaster Evidence

POWERED BY SHEPHERD

- RACAS[®] Survey Completed
- Engineering Assessment of Flood Damage
- Ability to integrate data from multiple systems and data sources
- Submission Building
- Pre and Post Disaster Assessment Tool
- Watch How [!\[\]\(467d80e979964f7f8c752fb22248b5b7_img.jpg\) RACAS[®] Accelerates Response & Recovery](#)



Faster, Smarter Disaster Recovery

RACAS® In-Field POI Identification of Damage = Huge Efficiency Gains

- 📍 Pre-condition evidence at your fingertips
- 📍 Side-by-side comparisons for instant assessment
- 📍 DRFA standard treatments built-in
- 📍 Identify priority safety damage for immediate works
- 📍 Log damage directly on GPS-tagged images
- 📍 GIS-integrated mapping for real-time decision making
- 📍 Meta-data embedded into photos - exceeding DRFA requirements



1 Jan 2025, 11:44:26 am


☒ Show Defects

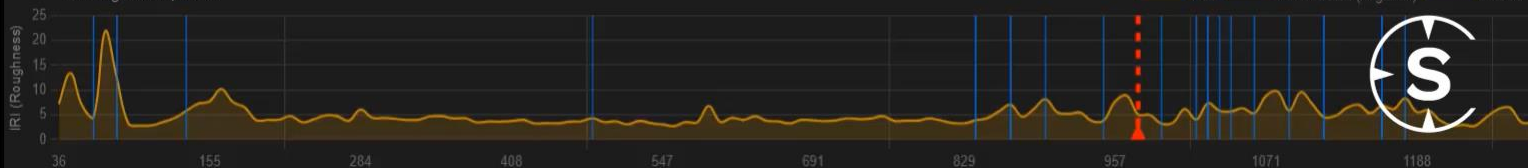
Name: Kenins Road Locality: Downsfield

Road No: 3040 Hierarchy: 2 Star

Asset ID: RDS.042366 Material: Formed

Avg Unsealed IRI: 5.07

Chainage: 974m | IRI: 5.1



RACAS® Pre and Post Disaster

NDRRA Photo Viewer

Q Search...

3867. Lansdale Road , Gravel
resheeting, 14547-14581m

3868. Lansdale Road , Medium
formation grading, 14607-
14641m

3869. Lansdale Road , Medium
formation grading, 14996-
15094m

3870. Lansdale Road , Gravel
resheeting, 15102-15774m

3871. Lansdale Road , Medium
formation grading, 15783-
15927m

3872. Lansdale Road , Gravel
resheeting, 15927-16074m

3873. Lansdale Road , Gravel
resheeting, 16343-16566m

3874. Lansdale Road , Gravel
resheeting, 16714-17057m

3875. Lansdale Road , Gravel
resheeting, 17138-17320m

3876. Lansdale Road , Gravel
resheeting, 17339-17704m

3877. Lansdale Road , Gravel
resheeting, 17880-18201m

3878. Lansdale Road , Gravel
resheeting, 18457-18502m

3879. Lansdale Road . Gravel

◀ 2 of 10 ▶



◀ 4 of 16 ▶



Post Photo: Photo_2023_Mar_24_12_59_10_917_.jpg

1 of 1

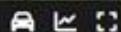


4 Jan 2025, 2:45:46 pm

Defect	Remedy	Width	Severity	Side	Actions
1	Heavy formation grading				Edit Delete
2					Edit Delete
3					Edit Delete
4					Edit Delete



POI - EW_Bulk Fill Scour



Show Defects

Name: Bella Creek Road

Locality: Bella Creek

RoadNo: 510

Hierarchy: Rural

AssetID: RD5,041977

Material: Formed

AvgSealedIR: 4.96

AvgUnsealedIR: 5.03

Chainage: 13425m | IR: 3.2



21 Oct 2024, 8:41:51 am



POWERED BY SHEPHERD

- The screenshot displays the SHEPHERD software interface, which is used for road design and construction management. The interface is divided into several main sections:

 - Top Left:** A 3D perspective view of a road construction site, showing a dirt road with trees and a dirt shoulder.
 - Top Right:** A 2D plan view of the road layout, showing the road's alignment and stationing.
 - Bottom Left:** A list of project items, including road names and stationing. The list includes items such as "57. Almog Road - rd 0011, 10150-10215, Gravel resurfacing", "58. Almog Road - rd 0011, 10215-10275, Gravel resurfacing", "59. Almog Road - rd 0011, 11610-11675, Bulk excavate surplus material or debris and remove from site", "60. Almog Road - rd 0011, 13240-13275, Gravel resurfacing", "61. Almog Road - rd 0011, 14100-14135, Gravel resurfacing", "62. Almog Road - rd 0011, 14440-14490, Gravel resurfacing", "63. Almog Road - rd 0011, 14490-14530, Gravel resurfacing", "64. Almog Road - rd 0011, 15090-15120, Gravel resurfacing", "65. Almog Road - rd 0011, 15200-15205, Gravel resurfacing", "66. Almog Road - rd 0011, 15040-15075, Gravel resurfacing", "67. Almog Road - rd 0011, 15330-15400, Gravel resurfacing", "68. Almog Road - rd 0011, 15200-15205, Bulk excavate surplus material or debris and remove from site", "69. Almog Road - rd 0014, 53.101-53.105, Medium formation grading", "70. Almog Road - rd 0014, 10.10-10.10, Bulk excavate surplus material or debris and remove from site", "71. Almog Road - rd 0024, 17.47, Heavy formation grading", "72. Almog Road - rd 0024, 199.224-199.225, Medium formation grading", "73. Almog Road - rd 0024, 1038.112-1038.113, Medium formation grading".
 - Bottom Right:** A 3D perspective view of a road construction site, showing a dirt road with trees and a dirt shoulder.

The interface also includes various toolbars and a status bar at the bottom, providing users with the necessary tools and information to manage their road construction projects.



Evidence Backed Submissions = Faster Approvals

<input type="text" value="Search..."/>
3823. Yarrawonga-wilby Road, Clearing and removal of disaster related fallen or damaged trees & vegetation, 798-807m
3824. Yarrawonga-wilby Road, Heavy shoulder grading, 1608-1627m
3825. Yarwood Road, Light formation grading, 300-336m
3826. Yarwood Road, Medium formation grading, 390-433m
3827. Yielima North Road, Heavy shoulder grading, 342-402m
3828. Yielima North Road, Gravel resheeting, 1087-1112m
3829. Yielima North Road, Medium formation grading, 2200-2259m
3830. Yielima North Road, Light formation grading, 4230-4272m
3831. Youanmite Road, Patch repair - patch unbound pavement failure, 6250-6294m
3832. Youanmite Road, Patch repair - patch unbound pavement failure, 6740-6750m
3833. Youanmite Road, Repair drainage



Demonstrated Experience - Case Studies



Experience That Delivers

**\$238M Current
Project Delivery**



**Assisted 27
Councils**



**\$>1B DRFA
Work Assessed
& Submitted**



**Established
Working
Relationships**



Proven Results – Bulloo Council 2025 Rapid DRFA Assessment and Approval

Scope: Counter Disaster Operations and DRFA damage assessment following March 2025 flood event 🚧

- Coverage:
 - 1,056 km of road surveyed in just 7 days²,
 - 515 Points of Interest captured
 - 831 damage sites identified in just 25% of the shire
- Team: 2 Inspectors + 1 part-time defect logger
- Outcome:
 - \$1.8 million DRFA priority submission prepared and lodged within 5 days
 - 96% of the submission approved by QRA within 4 weeks

RACAS® enabled GPS-logged data capture, roughness indexing, and photographic evidence—delivering fast, defensible insights to support funding and recovery.

Proven Results – Gympie Regional Council 2025 DRFA Rapid Response & Road Condition Assessment

- **Speedy Deployment:** RACAS® teams were on-site within days, working through the holiday season to ensure rapid data collection.
- **Extensive Coverage:** The survey began with the 1,000km unsealed road network on December 20, completed by January 9, and was followed by a full assessment of the 2,300km sealed road network, completed by January 26.
- **Data-Driven Insights:** RACAS® Inspectors captured 3,000 Points of Interest (POIs) in just six days. This dataset was handed over to SHEPHERD's Civil and Disaster team for immediate categorisation.
- **Smart Categorisation:** The team reviewed all 3,000 POIs in two days, identifying:
 - 700 Emergent Work locations requiring immediate intervention.
 - 2,000 sites as potential Immediate Reconstruction Works (IRW) or Reconstruction of Essential Public Assets (REPA).

Proven Results - Etheridge Shire Council 2023 DRFA Flood Restoration Project

Total Claim Value: \$67,238,546.12

Total Approved Value: \$61,142,522.73

Approval Rate: 91%

1,046km Treatments Approved

Project Duration:
Damage Assessment to Lodgement - 5 Months

Etheridge Shire Council
The Golden Heart of the Gulf

Proven Results – Gannawarra Shire Council 2023 DRFA Reconstruction Works Project Management

- **Recovery Completed by EOFY 2025—a full year ahead of schedule compared to other regional councils.**
- **Comprehensive Photographic Records of completed works, ensuring DRFA compliance and faster future funding approvals.**
- **Custom-Built Fulcrum App loaded with Gannawarra's digital road network & Victorian DRFA standard treatments—providing a long-term solution for rapid disaster damage assessments.**
- **Partnering with Emergency Recovery Victoria ensured funding and recovery efforts were optimised, helping the community rebuild smarter and faster.**



Recent Projects

We specialise in supporting regional and remote councils and have a proven track record as evidenced by our demonstrated experience of recently completed projects shown below:

2025

- Cassowary Coast Regional Council, QLD – DRFA Assessments, Emergent Works and IRW Support and REPA Delivery (underway)
- Bulloo Shire Council, QLD- DRFA assessments, submissions and delivery (underway)
- Paroo Shire Council, QLD - DRFA assessments, submissions and delivery (underway)
- Etheridge Shire Council, QLD - DRFA delivery (underway)
- Gympie Regional Council - DRFA Assessments, Emergent Works and IRW Support (underway)
- Scenic Rim Regional Council – DRFA delivery (underway)
- Ipswich City Council DRFA Damage Assessment (underway)
- Sunshine Coast Council DRFA Damage Assessment (underway)
- Gannawarra Shire Council, VIC - DRFA Delivery (underway)
- Victoria Daily Regional Council, NT - Flood Damage Emergent Works Engineering
- Assessment and Supervision (underway)
- Lachlan Shire Council, NSW - DRFA delivery (underway)
- Cabonne Council, NSW – DRFA delivery

2024

- Cabonne Council, NSW - DRFA assessments, submissions and delivery (underway)
- Lachlan Shire Council, NSW - DRFA assessments, submissions and delivery (underway)
- Cassowary Coast Regional Council, QLD - DRFA Delivery (underway)
- Etheridge Shire Council, QLD - DRFA assessments, submissions and delivery (underway)
- Bulloo Shire Council, QLD- DRFA assessments, submissions and delivery (underway)
- Paroo Shire Council, QLD - DRFA assessments, submissions and delivery (underway)
- Gannawarra Shire Council, VIC - DRFA Delivery (underway)
- Victoria Daily Regional Council, NT - Flood Damage Emergent Works Engineering Assessment and Supervision (underway)



The background image shows a road construction site in a dry, hilly landscape. A paved road curves through the scene, with several construction vehicles, including a large white truck and a yellow excavator, visible in the distance. The entire image is overlaid with a semi-transparent blue filter. In the upper left corner, there are several white, concentric, wavy lines that resemble topographical map contours, adding a technical or engineering aesthetic to the design.

What Our Clients Appreciate



**Proficient &
Experienced Team**



We understand the challenges
and see the bigger picture.
We have been there!



**Inclusive &
Transparent Working
Relationship**



Informed decision making and a
stress-free outcome.



**Open & Regular
Communication**



No surprises!



Proven Results



Peace of mind.



We are here to help.
Call us today.



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