

Regional Australia Level Crossing Safety Program

Research and Innovation Project Grants

The Research and Innovation Project grants applications not proposed directly by an Australian state or territory government body must either:

- present an activity in partnership with a state and/or territory; *or*
- **provide written evidence a state and/or territory government or government agency responsible for transport and infrastructure that confirms the activity being undertaken may lead to benefits to level crossing safety.**

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- publicly available information about the most effective strategies to improve level crossing safety.

I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project: s47E(d)

s22(1)(a)(ii)

Nicole Downing

A/Executive Director, Policy, Safety and Regulation
Land Transport Safety and Regulation Branch
Customer Services, Safety and Regulation Division
Department of Transport and Main Roads
Queensland

Date: 4 April 2023

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Name of the s22(1)(a)(ii) s47E(d)

Signed:

Name: Megan Sharkey

Role: Director, Future Mobility

State or Territory: Transport for NSW, NSW Government

Date:.....04/04/2023.....

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Name of the proposed project:

s47E(d) [Redacted]

s22(1)(a)(ii) [Redacted]

Signed: ...

Name: ... Gary Templeton.....

Role:Level Crossing Strategy & IA Manager.....

State or Territory:ARTC.....

Date:.....05/04/2023.....

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Name of the proposed project:

Signed: 
 Name: 

Role: SENIOR DIRECTOR FREIGHT AND LOGISTICS

State or Territory: NORTHERN TERRITORY

Date: 22 MARCH 2023

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Released under the Freedom of Information Act 1982 by the Department of Infrastructure, Transport, Regional Development, Communications and the Arts

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Name of the proposed project: s47E(d)

Data

s22(1)(a)(ii)

Nicole Downing

A/Executive Director, Policy, Safety and Regulation
Land Transport Safety and Regulation Branch
Customer Services, Safety and Regulation Division
Department of Transport and Main Roads
Queensland

Date: 4 April 2023

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Government of South Australia

Department for Infrastructure and Transport

In reply please quote #20000000
Enquiries to dit.officeofthechiefexecutive@sa.gov.au

OFFICE OF THE CHIEF EXECUTIVE

83 Pirie Street
Adelaide SA 5000

GPO Box 1533
Adelaide SA 5001

ABN 92 366 288 135

s47F

s47G(1)(a)

s47F

s47G(1)(a)

Dear

s47F

s47E(d)

Thank you for your correspondence dated 28 March 2023, requesting a letter of support from the Department for Infrastructure and Transport (the Department) as part of the requirements for the Regional Level Crossing Safety Research and Innovation Project Grant recently released by the Commonwealth Department of Infrastructure, Transport, Regional Development, Communications and the Arts (DITRDCA).

I advise that the project you propose, s47E(d) may lead to benefits to level crossing safety and to enable you to apply to DITRDCA please find attached the grant letter to confirm this.

Yours sincerely

s22(1)(a)(ii)

Jon Whelan
Chief Executive

6 April 2023

Attachment: Letter of confirmation from DIT

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Name of the proposed project: s47E(d) [Redacted]

Data s22(1)(a)(ii) [Redacted]
Signed [Redacted]

Name: Jon Whelan

Role: Chief Executive, Department for Infrastructure and Transport

State or Territory: South Australia

Date: 6/4/2023

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s47E(d)

s22(1)(a)(ii)

Signed

.....

Name:

Role: Acting Manager Road Safety Research, Insights and Evaluation, Transport Accident Commission

State or Territory: Victoria

Date: 03/04/2023

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Name of the proposed project:

s22(1)(a)(ii)

Signed:

Name: Gary Swain

Role: Deputy Secretary, Transport and Infrastructure, Department of State Growth

State or Territory: Tasmania

Date: 06 April 2023

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s22(1)(a)(ii)

Signed: ...

Name: Megan Sharkey

Role: Director, Future Mobility

State or Territory: Transport for NSW, NSW Government

Date:.....04/04/2023.....

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[Redacted]

s22(1)(a)(ii)

Signed: ...

Name: Brett Langley

Role: Chief Network Safety, Department of Transport and Planning

State or Territory: Victoria

Date: 4 April 2023

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s22(1)(a)(ii)

From: s47F s47G(1)(a)
Sent: Thursday, 6 April 2023 5:35 PM
To: s22(1)(a)(ii)
Subject: Fwd: level crossing safety project
Attachments: image001.png

You don't often get email from s47F s47G(1)(a) [Learn why this is important](#)

----- Forwarded message -----

From: s22(1)(a)(ii) [@mainroads.wa.gov.au](mailto:s22(1)(a)(ii)@mainroads.wa.gov.au)>
Date: Thu, 6 Apr 2023 at 5:33 pm
Subject: level crossing safety project
To: s47F s47G(1)(a)

Hi s47F

Thank you for the opportunity to learn about this project. Additional information regarding vehicles behaviour approaching/at level crossings would positively contribute and support identification of risk sites and development of treatments to improve safety.

It is also positive that this project would contribute to a national approach for best practice in this area.

Looking forward to see the results from the analysis .

Kind regards

s22(1)(a)(ii)

Manager Route Planning

Regional Management and Operations Directorate

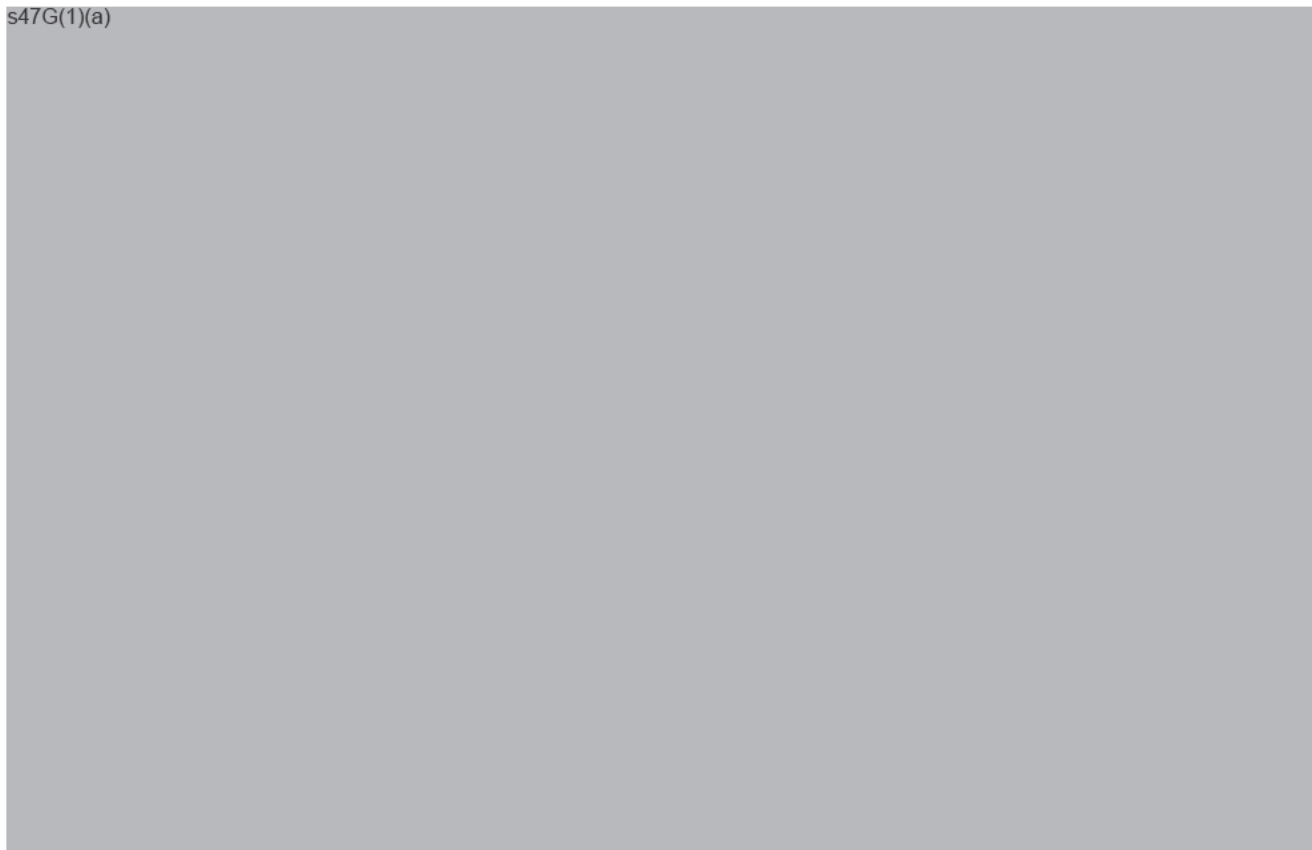
Main Roads WA

s22(1)(a)(ii)

www.mainroads.wa.gov.au



s47G(1)(a)



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[Redacted]

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Name: Brett Langley

Role: Chief Network Safety, Department of Transport and Planning

State or Territory: Victoria

Date: 5 April 2023

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s22(1)(a)(ii) [REDACTED]

Signed: [REDACTED]

Name: Megan Sharkey.....

Role: ...A/Director Future Mobility, Technology and Innovation, CST.....

State or Territory: ...Transport for NSW, NSW Government.....

Date: ...04/04/2023.....

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Name of the proposed project: s47E(d)

s47E(d)

s22(1)(a)(ii)

Signed: .

Name: Amit Trivedi

Role: Connected and Automated Vehicle Pilot Lead

State or Territory: Queensland - Department of Transport and Main Roads

Date: 05 April 2022

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Nicole Downing

A/Executive Director, Policy, Safety and Regulation
Land Transport Safety and Regulation Branch
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Department of Transport and Main Roads
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- provide a sound evidence base to support future decision-making around level crossings, such as understanding human behaviour around level crossings and drivers of behavioural change in order to better target safety treatments and other interventions.

The intended outcomes of this project include:

- a greater range of lower cost options being available for stakeholders including state and territory governments, rail infrastructure managers, road managers and rolling stock operators, to adopt to manage level crossing safety in regional areas;
- the safe functioning of the integrated road-rail system into the future; and
- publicly available information about the most effective strategies to improve level crossing safety.

I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project:Level Crossing Safety Research and Innovation Project.....

Signed s22(1)(a)(ii)

Name: ...Paul Gaynor.....

Role:Director, Policy, Freight Branch , TfNSW.....

State or Territory: ...NSW.....

Date:.....6/4/23.....

Note: confirming a view that the grant activity that is proposed to be undertaken may lead to benefits to level crossing safety does not in any way obligate the state or territory to provide any funding or other support.

Regional Australia Level Crossing Safety Program

Research and Innovation Project Grants

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I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project: Safer Level Crossings by Innovative Design

Signed: s22(1)(a)(ii)
 Name: Sean Carter
 Role: Manager Movement and Safety
 State or Territory: Victoria
 Date: 28 / 03 / 2023

Note: confirming a view that the grant activity that is proposed to be undertaken may lead to benefits to level crossing safety does not in any way obligate the state or territory to provide any funding or other support.

I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project: s47E(d) [Redacted]
[Redacted]
[Redacted]

Signed: s22(1)(a)(ii) [Redacted]

Name: Peter Dunphy

Role: Head of Transport Safety

State or Territory: New South Wales

Date: 5 April 2023

Note: confirming a view that the grant activity that is proposed to be undertaken may lead to benefits to level crossing safety does not in any way obligate the state or territory to provide any funding or other support.

Transport for NSW reserves the right to remove support for this application for any reason.



Government of South Australia

Department for Infrastructure and Transport

In reply please quote #19980800
Enquiries to dit.officeofthechiefexecutive@sa.gov.au

OFFICE OF THE CHIEF EXECUTIVE

83 Pirie Street
Adelaide SA 5000

GPO Box 1533
Adelaide SA 5001

ABN 92 366 288 135

s47F
s47G(1)(a)
s4 / r s47G(1)(a)

Dear s47F

REGIONAL LEVEL CROSSING SAFETY RESEARCH AND INNOVATION PROJECT GRANT

Thank you for your correspondence dated 27 March 2023, requesting a letter of support from the Department for Infrastructure and Transport (the Department) as part of the requirements for the Regional Level Crossing Safety Research and Innovation Project Grant recently released by the Commonwealth Department of Infrastructure, Transport, Regional Development, Communications and the Arts (DITRDCA).

I advise that the project you propose, s47E(d) may lead to benefits to level crossing safety and to enable you to apply to DITRDCA please find attached the grant letter to confirm this.

I also note your correspondence, dated 3 April 2023, advising that you have withdrawn the grant proposal s47E(d)

Yours sincerely

s22(1)(a)(ii)

Jon Whelan
Chief Executive

5 April 2023

Attachment: Letter of confirmation from DIT

#19980800

Released under the Freedom of Information Act 1982 by the Department of Infrastructure, Transport, Regional Development, Communications and the Arts

Regional Australia Level Crossing Safety Program

Research and Innovation Project Grants

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The intended outcomes of this project include:

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- publicly available information about the most effective strategies to improve level crossing safety.

I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project: s47E(d)
s47E(d)

s22(1)(a)(ii)

Signed

Name: Jon Whelan

Role: Chief Executive, Department for Infrastructure and Transport

State or Territory: South Australia

Date: 5/4/2023

Note: confirming a view that the grant activity that is proposed to be undertaken may lead to benefits to level crossing safety does not in any way obligate the state or territory to provide any funding or other support.

I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project: s47E(d)

s22(1)(a)(ii)

Signed:

Name: Gary Swain

Role: Deputy Secretary, Infrastructure and Transport – Department of State Growth

State or Territory: Tasmania

Date: 30 March 2023

Note: confirming a view that the grant activity that is proposed to be undertaken may lead to benefits to level crossing safety does not in any way obligate the state or territory to provide any funding or other support.

I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project: s47E(d) [Redacted]
[Redacted]
[Redacted]

s22(1)(a)(ii) [Redacted]

Signed:

Name: Lachlan McDonald

Role: Executive Director, Intergovernmental Relations, Department of Transport and Planning

State or Territory: Victoria

Date: 3 April 2023

Note: confirming a view that the grant activity that is proposed to be undertaken may lead to benefits to level crossing safety does not in any way obligate the state or territory to provide any funding or other support.

Regional Australia Level Crossing Safety Program

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I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project: s47E(d) [REDACTED]

Signed: s22(1)(a)(ii) [REDACTED]

Name: Brett Langley

Role: Chief Network Safety, Department of Transport and Planning

State or Territory: Victoria

Date: 4 April 2023

Note: confirming a view that the grant activity that is proposed to be undertaken may lead to benefits to level crossing safety does not in any way obligate the state or territory to provide any funding or other support.



Government of South Australia

Department for Infrastructure and Transport

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ABN 92 366 288 135

s22(1)(a)(ii)

s47G(1)(a)

s22(1)(a)(ii)

s47G(1)(a)

Dear s22(1)(a)(ii)

REGIONAL LEVEL CROSSING SAFETY RESEARCH AND INNOVATION PROJECT GRANT

Thank you for your correspondence dated 31 March 2023, requesting a letter of support from the Department for Infrastructure and Transport (the Department) as part of the requirements for the Regional Level Crossing Safety Research and Innovation Project Grant recently released by the Commonwealth Department of Infrastructure, Transport, Regional Development, Communications and the Arts (DITRDCA).

I advise that the project you propose, s47E(d) may lead to benefits to level crossing safety and to enable you to apply to DITRDCA please find attached the grant letter to confirm this.

Yours sincerely

s22(1)(a)(ii)

Jon Whelan
Chief Executive

5 April 2023

Attachment: Letter of confirmation from DIT

#19984229

Regional Australia Level Crossing Safety Program

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Name of the proposed project: s47E(d)

s47E(d)
s22(1)(a)(ii)

Signed:

Name: Jon Whelan

Role: Chief Executive, Department for Infrastructure and Transport

State or Territory: South Australia

Date: 5 / 4 / 2023

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Regional Australia Level Crossing Safety Program

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Name of the proposed project: s47E(d)

s22(1)(a)(ii)

Signed:

Name: Megan Sharkey

Role: Director, Future Mobility

State or Territory: Transport for NSW, NSW Government

Date:.....04/04/2023.....

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Name of the proposed project: s47E(d)

[Redacted]

s22(1)(a)(ii)

Signed: ...

Name: Brett Langley

Role: Chief Network Safety, Department of Transport and Planning

State or Territory: Victoria

Date: 4 April 2023

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Name of the proposed project: s47E(d)

s22(1)(a)(ii)

Nicole Downing

A/Executive Director, Policy, Safety and Regulation
Land Transport Safety and Regulation Branch
Customer Services, Safety and Regulation Division
Department of Transport and Main Roads
Queensland

Date: 4 April 2023

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 Land Transport Safety and Regulation Branch
 Customer Services, Safety and Regulation Division
 Department of Transport and Main Roads
 Queensland

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Name of the proposed project: - s47E(d)

[Redacted]

Signed: s22(1)(a)(ii)

Name: Brett Langley

Role: Chief Network Safety, Department of Transport and Planning

State or Territory: Victoria

Date: 4 April 2023

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Name of the proposed project: s47E(d) [REDACTED]

Signed: s22(1)(a)(ii) [REDACTED]

Name: Brett Langley

Role: Chief Network Safety, Department of Transport and Planning

State or Territory: Victoria

Date: 4 April 2023

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Name: Brett Langley

Role: Chief Network Safety, Department of Transport and Planning

State or Territory: Victoria

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The intended outcomes of this project include:

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- the safe functioning of the integrated road-rail system into the future; and
- publicly available information about the most effective strategies to improve level crossing safety.

I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project: s47E(d)

s22(1)(a)(ii)

Nicole Downing

A/Executive Director, Policy, Safety and Regulation
Land Transport Safety and Regulation Branch
Customer Services, Safety and Regulation Division
Department of Transport and Main Roads
Queensland

Date: 4 April 2023

Note: confirming a view that the grant activity that is proposed to be undertaken may lead to benefits to level crossing safety does not in any way obligate the state or territory to provide any funding or other support.

Regional Australia Level Crossing Safety Program

Research and Innovation Project Grants

The Research and Innovation Project grants applications not proposed directly by an Australian state or territory government body must either:

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Name of the proposed project: s47E(d)

s22(1)(a)(ii)

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A/Executive Director, Policy, Safety and Regulation
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I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project: s47E(d)

s22(1)(a)(ii)

Signed:

Name: Brett Langley

Role: Chief Network Safety, Department of Transport and Planning

State or Territory: Victoria

Date: 4 April 2023

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Name of the proposed project: s47E(d)

Signed: s22(1)(a)(ii)

Name: Brett Langley

Role: Chief Network Safety, Department of Transport and Planning

State or Territory: Victoria

Date: 4 April 2023

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I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project: s47E(d)

s22(1)(a)(ii)

Signed: ...

Name: Megan Sharkey

Role: A/Director Future Mobility, Technology and Innovation, CST

State or Territory: Transport for NSW, NSW Government

Date:.....04/04/2023.....

Note: confirming a view that the grant activity that is proposed to be undertaken may lead to benefits to level crossing safety does not in any way obligate the state or territory to provide any funding or other support.

Regional Australia Level Crossing Safety Program

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- the safe functioning of the integrated road-rail system into the future; and
- publicly available information about the most effective strategies to improve level crossing safety.

I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project: ^{s47E(d)} [REDACTED]

[REDACTED]

^{s22(1)(a)(ii)} [REDACTED]

Signed: [REDACTED]

Name: Brett Langley

Role: Chief Network Safety, Department of Transport and Planning

State or Territory: Victoria

Date: 6 April 2023

Note: confirming a view that the grant activity that is proposed to be undertaken may lead to benefits to level crossing safety does not in any way obligate the state or territory to provide any funding or other support.

Regional Australia Level Crossing Safety Program

Research and Innovation Project Grants

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- the safe functioning of the integrated road-rail system into the future; and
- publicly available information about the most effective strategies to improve level crossing safety.

I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project: Co-development of Modular Non-Visual Risk Management System and Auxiliary Locomotive Lighting Technological Solutions to Improve Safety at Regional Level Crossings

s22(1)(a)(ii)

Nicole Downing

A/Executive Director, Policy, Safety and Regulation
Land Transport Safety and Regulation Branch
Customer Services, Safety and Regulation Division
Department of Transport and Main Roads
Queensland

Date: 5 April 2023

Note: confirming a view that the grant activity that is proposed to be undertaken may lead to benefits to level crossing safety does not in any way obligate the state or territory to provide any funding or other support.



Government of South Australia

Department for Infrastructure and Transport

In reply please quote #19978783
Enquiries to dit.officeofthechiefexecutive@sa.gov.au

OFFICE OF THE CHIEF EXECUTIVE

83 Pirie Street
Adelaide SA 5000

GPO Box 1533
Adelaide SA 5001

ABN 92 366 288 135

s47F

s47G(1)(a)

s47F s47G(1)(a)

Dear s47F

REGIONAL LEVEL CROSSING SAFETY RESEARCH AND INNOVATION PROJECT GRANT

Thank you for your correspondence dated 28 March 2023, requesting a letter of support from the Department for Infrastructure and Transport (the Department) as part of the requirements for the Regional Level Crossing Safety Research and Innovation Project Grant recently released by the Commonwealth Department of Infrastructure, Transport, Regional Development, Communications and the Arts (DITRDCA).

I advise that the project you propose, s47E(d) s47E(d) may lead to benefits to level crossing safety and to enable you to apply to DITRDCA please find attached the grant letter to confirm this.

Yours sincerely

s22(1)(a)(ii)

Jon Whelan
Chief Executive

5 April 2023

Attachment: Letter of confirmation from DIT

#19978783

Released under the Freedom of Information Act 1982 by the Department of Infrastructure, Transport, Regional Development, Communications and the Arts

Regional Australia Level Crossing Safety Program

Research and Innovation Project Grants

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Provision of this template will satisfy that the objectives of the Research and Innovation Project are to:

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The intended outcomes of this project include:

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- the safe functioning of the integrated road-rail system into the future; and
- publicly available information about the most effective strategies to improve level crossing safety.

I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project: s47E(d)
s22(1)(a)(ii)

Signed [Redacted Signature]

Name: Jon Whelan

Role: Chief Executive, Department for Infrastructure and Transport

State or Territory: South Australia

Date: 5/4/2023

Note: confirming a view that the grant activity that is proposed to be undertaken may lead to benefits to level crossing safety does not in any way obligate the state or territory to provide any funding or other support.

Regional Australia Level Crossing Safety Program Research and Innovation Project Grants

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I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project:

[Cordel - Automated risk management of level crossings using AI and Machine Learning](#)

s22(1)(a)(ii)

Signed: ...

Name: ...Gary Templeton.....

Role:Level Crossing Strategy & IA Manager.....

State or Territory:ARTC.....

Date:.....05/04/2023.....

Note: confirming a view that the grant activity that is proposed to be undertaken may lead to benefits to level crossing safety does not in any way obligate ARTC to provide any funding or other support.



Government of South Australia

Department for Infrastructure and Transport

In reply please quote #19978760
Enquiries to dit.officeofthechiefexecutive@sa.gov.au

OFFICE OF THE CHIEF EXECUTIVE

83 Pirie Street
Adelaide SA 5000

GPO Box 1533
Adelaide SA 5001

ABN 92 366 288 135

s47F
s47G(1)(a)
s47F s47G(1)(a)

Dear s47F

REGIONAL LEVEL CROSSING SAFETY RESEARCH AND INNOVATION PROJECT GRANT

Thank you for your correspondence dated 30 March 2023, requesting a letter of support from the Department for Infrastructure and Transport (the Department) as part of the requirements for the Regional Level Crossing Safety Research and Innovation Project Grant recently released by the Commonwealth Department of Infrastructure, Transport, Regional Development, Communications and the Arts (DITRDCA).

I advise that the project you propose, Automated risk management of level crossing using AI and Machine Learning, may lead to benefits to level crossing safety and to enable you to apply to DITRDCA please find attached the grant letter to confirm this.

Yours sincerely

s22(1)(a)(ii)

Jon Wneian
Chief Executive

5 April 2023

Attachment: Letter of confirmation from DIT

#19978760

Released under the Freedom of Information Act 1982 by the Department of Infrastructure, Transport, Regional Development, Communications and the Arts

Regional Australia Level Crossing Safety Program

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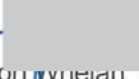
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I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project: Automated risk management of level crossing using AI and Machine Learning

s22(1)(a)(ii)

Signed: 

Name: Jon Vinerian

Role: Chief Executive, Department for Infrastructure and Transport

State or Territory: South Australia

Date: 5 / 4 / 2023

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Regional Australia Level Crossing Safety Program

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I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project: Automated risk management of level crossing using AI and Machine Learning

Signed: s22(1)(a)(ii)

Name: Christian Christodoulou

Role: Director Engineering, Asset Management Branch, Transport for NSW

State or Territory: New South Wales

Date: 30/03/2023

Note: confirming a view that the grant activity that is proposed to be undertaken may lead to benefits to level crossing safety does not in any way obligate the state or territory to provide any funding or other support.

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I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project: 'Automated risk management of level crossing using AI and Machine Learning' - Cordel, ARRB/NTRO and Riccardo

Signed: s22(1)(a)(ii)

Name: Brett Langley

Role: Chief Network Safety, Department of Transport and Planning

State or Territory: Victoria

Date: 5 April 2023

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Name of the proposed project: s47E(d)

s22(1)(a)(ii)

Nicole Downing
 A/Executive Director, Policy, Safety and Regulation
 Land Transport Safety and Regulation Branch
 Customer Services, Safety and Regulation Division
 Department of Transport and Main Roads
 Queensland

Date: 4 April 2023

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I confirm that the following project may lead to benefits to level crossing safety and support the achievement of the objectives and outcomes listed above.

Name of the proposed project: s47E(d) [REDACTED]

[REDACTED]

Signed: s22(1)(a)(ii) [REDACTED]

Name: Brett Langley

Role: Chief Network Safety

State or Territory: Victoria

Date: 6 April 2023

Note: confirming a view that the grant activity that is proposed to be undertaken may lead to benefits to level crossing safety does not in any way obligate the state or territory to provide any funding or other support.