

LEGISLATIVE COUNCIL
Question on notice

See tabled paper.

Tuesday, 18 February 2014

710. Hon Robin Chapple to the Parliamentary Secretary representing the Minister for Transport.

I refer to the motor vehicle accident on the Broome-Derby road (Derby Highway) on Friday, 20 December 2013 that claimed the life of a 13 year-old girl, question without notice No. 17 asked in the Legislative Council on 14 May 2013, Australian Standard 1742.2 (1994), Section 3.11.2.7, the Main Roads special Stray Animals signs, the *Highways (Liability for Straying Animals) Act 1983*, and the Pastoral Lands Board Liability for Straying Stock on Roads document located at:

<http://www.lands.wa.gov.au/Publications/Documents/Pastoral-Lands-Liability-for-Straying-Stock-on-Roads.pdf>:

- (a) is or has the road been fenced by the pastoralists for the sections of the stations Roebuck Plains and Yeeda Stations that interact with the Derby Highway;
- (b) if yes to (a), on what date was this/these areas last fenced;
- (c) is or has the road been fenced by the lessees or owners of the Knowsley Agricultural Area that interact with the Derby Highway;
- (d) if yes to (c), on what date was this/these areas last fenced;
- (e) is or has the road been fenced by the owners of Freehold Lot 103 of Plan Number 215040 that interact with the Derby Highway;
- (f) if yes to (e), on what date was this area last fenced;
- (g) on what specific date was the advisory group for the management of straying livestock in pastoral regions set up in 2012;
- (h) how many times has that advisory group met since its inception and on what dates;
- (i) who are the members of that group and which organisations do they represent;
- (j) does this advisory group keep minutes of their meetings;
- (k) if yes to (j), will the Minister table those minutes;
- (l) if no to (j), why not;
- (m) if no to (l), why not;
- (n) does this advisory group provide updates of their activities/progress to the Minister;
- (o) if yes to (n), will the Minister table them;
- (p) if no to (n), why not;
- (q) if no to (o), why not;
- (r) is a secretariat provided by a department and, if so, by which department;
- (s) what progress to date has the advisory group made in managing or making recommendations to the Minister in respect of the management of straying livestock in pastoral regions;
- (t) in what way is the Main Roads' fencing policy similar to that of its Queensland counterpart;
- (u) is it a requirement that pastoral leases should be fenced to manage straying livestock interacting with road users;
- (v) if no to (u), why not;
- (w) does the nature and amount of traffic using the Derby Highway mean that it meets the criteria required by the *Highways (Liability for Straying Animals) Act 1983*;
- (x) if no to (w), why not;
- (y) does the *Highways (Liability for Straying Animals) Act 1983* have effect in all clauses to

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the Derby Highway;
(z) if no to (y), why not;
(aa) will the Minister table a copy of the Australian Standard 1742.2 (1994);
(bb) if no to (aa), why not;
(cc) in relation to the Main Roads' special Stray Animals signs, how many are placed on either side of the Derby Highway;
(dd) at what intervals are these signs placed along either side of the Derby Highway;
(ee) if there is not uniformity in relation to the distances of the placement of these signs along either side of the Derby Highway, can the Minister explain why;
(ff) how many of these signs are the primary warning signs and how many are supplementary warning signs;
(gg) why is there inconstancy between the Highways (Liability for Straying Animals) Act 1983 , the Pastoral lands board document and the Main Roads Stray Animals website 2.2 Background statement; and
(hh) do pastoralists, particularly those whose properties adjoining highways, have a legal responsibility for stock that stray onto these roadways?

(a) – (f) These parts of the question should be directed to the Minister for Regional Development; Lands, who has responsibility for this matter.

(g) 24 September 2012

(h) As at 1 March 2014, three times. 24 September 2012, 31 January 2013 and 22 August 2013.

(i) The membership of the Advisory Group is as follows:

- Peter Sewell, Main Roads WA (Chair)
- Joan Brierley, Main Roads WA
- Raymond Reveley, Main Roads WA
- Vincent Chew, Main Roads WA
- Samantha Whitburn, Main Roads WA
- Kelly Gillen, Department of Parks and Wildlife
- Peter Kneebone, Western Australian Local Government Association
- Doug Brownie, Pastoralists & Graziers Association
- Jon Gibson, Office of Road Safety

(j) Yes

(k) [see tabled paper no.]

(l) – (m) Not applicable

(n) Yes

(o) [see tabled paper no.]

(p) – (q) Not applicable

(r) Yes - Main Roads WA.

(s) The Group has completed five of six recommendations agreed to by the Government in 2012 to minimise the risk of stray stock causing crashes.

(t) The responsibility for maintenance of an existing fence in the road reserve of a pastoral region falls upon the pastoralists and Main Roads WA and Queensland both contribute to the cost of new fences where there has been no prior fence.

(u) – (v) These parts of the question should be directed to the Minister for Regional Development; Lands, who has responsibility for this matter.

(w) – (x) Not applicable

(y) Yes

(z) Not applicable

(aa) No

(bb) [see tabled paper no.]

(cc) Two

(dd) There is one sign at 0.79 SLK and another at 36 SLK.

(ee) The Australian Standard does not stipulate the placement distance for unfenced or fenced road.

(ff) Two primary signs, no supplementary signs.

(gg) – (hh) These parts of the question should be directed to the Minister for Regional Development; Lands, who has responsibility for this matter.

AS 1742.2—1994

Australian Standard[®]

**Manual of uniform traffic control
devices**

**Part 2: Traffic control devices for
general use**

This Australian Standard was prepared by Committee MS/12, Road Signs and Traffic Signals. It was approved on behalf of the Council of Standards Australia on 21 December 1993 and published on 20 June 1994.

The following interests are represented on Committee MS/12:

A.C.T. Government
Australian Automobile Association
Australian Chamber of Commerce and Industry
Australian Local Government Association
Australian Road Research Board
AUSTROADS
Department of Roads and Transport, Tasmania
Department of Road Transport, South Australia
Department of Transport and Communications
Department of Transport and Works, Northern Territory
Department of Transport, Queensland
Institute of Municipal Engineers, Australia
Main Roads Department, Western Australia
Railways of Australia Committee
Roads and Traffic Authority of New South Wales
Vic Roads

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This Standard was issued in draft form for comment as DR 92215.

AS 1742.2—1994

Australian Standard®

**Manual of uniform traffic control
devices**

**Part 2: Traffic control devices for
general use**

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PREFACE

This Standard was prepared by the Standards Australia Committee on Road Signs and Traffic Signals to supersede AS 1742.2—1986, *Manual of uniform traffic control devices*, Part 2: *Traffic control devices for general use*. It is one of a series of thirteen Standards as follows:

AS

1742	Manual of uniform traffic control devices
1742.1	Part 1: General introduction and index of signs
1742.2	Part 2: Traffic control devices for general use (this Standard)
1742.3	Part 3: Traffic control devices for works on roads
1742.4	Part 4: Speed controls
1742.5	Part 5: Street name and community facility name signs
1742.6	Part 6: Service and tourist signs for motorists
1742.7	Part 7: Railway crossings
1742.8	Part 8: Freeways
1742.9	Part 9: Bicycle facilities
1742.10	Part 10: Pedestrian control and protection
1742.11	Part 11: Parking controls
1742.12	Part 12: Bus, transit and truck lanes
1742.13	Part 13: Local area traffic management

A further Part, *Traffic signals*, is in the course of preparation.

This Standard deals with traffic control devices for general use and is applicable to all roads other than freeways. It has been divided into two main sections, one dealing with controls at intersections and the other with controls between intersections. The latter section has been further divided by relating the devices to specific traffic situations and problem areas between intersections.

This edition of this Standard contains a number of amendments which reflect changes in practice which have evolved since the earlier edition of the Standard was published. The more significant changes are as follows:

- (a) The former 'hybrid' signs No Left (Right, U) Turn and Two-way Traffic, have been changed to symbol only signs, by deleting the words from the sign. The NO ENTRY sign now has the words within the symbol.
- (b) Sight distance warrants for use of STOP signs are now included.
- (c) Additional symbols for intersection warning signs are now permitted. They are listed in Appendices F and G.
- (d) Route names on direction signs are always to be in a white panel.
- (e) Overhead lane indication signs are to have upward rather than downward pointing arrows.
- (f) Finger boards indicating destinations now have white letters on standard green background with white chevron. The black and white finger board is now to be used only as a rural road name board.
- (g) The chevron alignment sign has been introduced for the delineation of substandard curves.
- (h) Climbing lanes (as opposed to overtaking lanes) are now to be used only on one-way carriageways, except for very short sections on two-way carriageways, now known as turnouts for heavy vehicles.
- (i) Additional warning and information signs for long and very steep descents are now included.

- (j) Yellow is no longer an acceptable option for barrier lines. All lines for moving traffic are now white.
- (k) Material relating to traffic signals has now been omitted from this Standard and will shortly be published in a new Part of AS 1742.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

The Department of Transport and Works, Northern Territory did not agree to the publication of Amendment No. 1.

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STANDARDS AUSTRALIA

Australian Standard

Manual of uniform traffic control devices

Part 2: Traffic control devices for general use

SECTION 1 SCOPE AND INTRODUCTION

1.1 SCOPE This Standard describes requirements for traffic control devices for general use on roads other than freeways, and sets out the way they are applied at intersections, between intersections, and at a number of specific situations including substandard horizontal and vertical curves, approaches to structures and obstructions, changes in pavement width, climbing and overtaking lanes, steep grades and water crossings. Guidance is also given in appendices on the design and installation of signs.

1.2 REFERENCED DOCUMENTS The following documents are referred to in this Standard:

AS

- 1158 Code of practice for public lighting
- 1158.1 Performance and installation design requirements
- 1348 Road and traffic engineering—Glossary of terms
- 1348.1 Part 1: Road design and construction
- 1348.2 Part 2: Traffic management
- 1742 Manual of uniform traffic control devices
- 1742.1 Part 1: General introduction and index of signs
- 1742.3 Part 3: Traffic control devices for works on roads
- 1742.4 Part 4: Speed controls
- 1742.5 Part 5: Street name and community facility name signs
- 1742.6 Part 6: Service and tourist signs for motorists
- 1742.7 Part 7: Railway crossings
- 1742.8 Part 8: Freeways
- 1742.10 Part 10: Pedestrian control and protection
- 1742.11 Part 11: Parking controls
- 1742.13 Part 13: Local area traffic management
- 1742.14 Part 14: Traffic signals
- 1743 Road signs—Specifications
- 1744 Forms of letters and numerals for road signs
- 1906 Retroreflective materials and devices for road traffic control purposes
- 1906.2 Part 2: Retroreflective devices (non-pavement application)
- 1906.3 Part 3: Raised pavement markers (retroreflective and non-retroreflective)
- 2144 Traffic signal lanterns
- 2353 Pedestrian push-button assemblies
- 2700 Colour standards for general purposes
- 4049 Paints and related materials—Road marking materials
- 4049.1 Part 1: Solvent-borne paint—For use with drop-on beads

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MRWA Advisory Group for the Management of Straying Livestock in Pastoral Regions

Meeting Minutes

Monday 24 September 2012 – DAC

1:00 pm – 2:00pm

Attendees:

Apologies:

Peter Sewell (PS)	Dean Roberts (DR)
Steve Potter (SP)	Leanne Corker (LC)
Joan Brierley (JB))	Ian Randles (IR)
Raymond Reveley (RR)	
Kelly Gillen (KG)	
Vanessa Toncich (VT)	

Item	Description	Action
Opening of Meeting and Welcome		
1	<p>Membership for the MRWA Pastoral Fencing Advisory Committee confirmed as follows:</p> <p>MRWA Peter Sewell (PS) Steve Potter (SP) Vanessa Toncich (VT) (Executive Officer)</p> <p>Pastoral Lands Leanne Corker (LC)</p> <p>DEC Kelly Gillen (KG)</p> <p>PGA Ian Randles (IR)</p> <p>WALGA (TBD vote taking place)</p> <p>ORS Membership by representation ORS was declined. A secondary invite to joining the group will be extended</p> <p>RDL – vacant</p>	<p>SP to invite Ian Cameron to join to group PS to invite RDL to join to group</p>

Item	Description	Action
2	<p>A 6 monthly meeting scheduled agreed upon for the advisory group. However due to the inability for some members to attend the inaugural meeting the next meeting will be brought forward to end of Jan early Feb 13.</p>	<p>VT to schedule next Advisory Group meeting</p>
3	<p>PS reviewed the 6 recommendations from the Fencing Road Reserves in Pastoral Regions Working Group Report.</p>	<p>COMPLETED no further action</p>
3.1	<p>1) An Advisory Group is established by Main Roads WA to facilitate effective management of the issues caused by straying stock on roads in the pastoral regions.</p>	
3.2	<p>General discussion about the importance of progressing the working group and the history of fatal crashes involving livestock.</p>	
3.3	<p>2) Main Roads review Operating Guideline no. 81 to reflect an evidence based approach.</p> <p>Operating Guideline 81 pertains to Fencing Standards and arrangements between MRWA and pastoralists. The Regional Services Directorate at MRWA will be conducting the review.</p>	<p>PS to progress review</p>
3.4	<p>3) Main Roads develop and adopt a Good Neighbour Policy similar to that adopted by DEC</p> <p>PS noted that the development of a MRWA Good Neighbour Policy needs to take a broader approach than just fencing. Access, noise, pollution and other items to be considered.</p>	<p>SP to progress a 12 month timeline has been agreed to in principle</p>
	<p>The existing DEC policy was acknowledged as a good example. KG informed that the DEC policy is currently under review and that the policy structure would change to a 1 page Policy Statement with relevant supporting Operational Guidelines.</p>	
	<p>Acknowledgment of the current lack of a consistent approach across the regions of fencing/livestock issues highlighted the need for consultation with land owners to be undertaken in the development of the Good Neighbour Policy.</p>	
	<p>Further discussion over the ongoing issue of payment of the maintenance of fencing on pastoral land.</p>	
	<p>4) Main Roads review the Straying Animal Sign Guidelines to include all areas of the State road network.</p>	<p>RR to follow up review of Guideline which is being conducted by John Moore</p>
3.4	<p>The need to review the need for signage across the entire state was questioned. Most of the land in the South West is privately owned where the fencing is well maintained.</p>	<p>RR to investigate the distance between signage and any relationship between crash statistics.</p>
	<p>The road safety audits conducted in the northern regions highlighted fencing as an ongoing issue. Noted that the existing MRWA Guidelines are above the requirements of the 1742 Australian Standard.</p>	
	<p>PS noted the intention for the signage review is to have a more visual impact based signage. Signage from the Eastern States and existing MRWA signage was presented to the group for consideration.</p>	<p>JB to present the signage to the CSAC meeting for a community based opinion and provide feedback back to the group</p>
	<p>KG commented that the prior Pastoral Regions Working Group advised that existing signage lacked impact. Identified opportunity of using high visibility tape on existing signage at major intersections (possibly 100-150) as an interim and ongoing solution.</p>	
	<p>The correlation between signage distances and crash stats was questioned.</p>	
	<p>4.1) IR to provide and update/overview of the Reflective Livestock Ear tag trial</p>	<p>PS to approach tag makers regarding the prospect of a trial and the cost involved in the manufacture – Samples</p>
	<p>IR has provided the group with notes in his absence in summary to date no trial has taken place.</p>	

Item	Description	Action
3.4.1	<p>The notes summarise that a visual tag without NLIS approval would be a more practical option. Funding options to assist with the trial were discussed.</p> <p>5) An education and communication strategy is developed by the Advisory Group to improve the awareness of road users regarding the risks associated with animals straying onto roads.</p> <p>It was agreed that ORS would be asked again to join to advisory group.</p> <p>NOTED: The communications strategy that was table by the prior Pastoral Regions Working Group will require review once ORS membership has been confirmed.</p> <p>Possible advertising mediums such Variable Message Signs (VMS) boards were discussed.</p> <p>6) Main Roads review the standard of fencing used to fence the road reserve in pastoral region</p> <p>There are two types of material currently in use. 2 different strengths of wire are being used across the network. Investigation needs to be undertaken as to what the recommended standard should be. Regardless of what stock type is being farmed on pastoral land all new fencing is being installed for cattle.</p> <p>Other Business</p> <p>Discussion on possible need to relocate water points and associated costs.</p> <p>Noted: Cattle fencing is designed to stop livestock not native fauna from moving through to the road reserve.</p> <p>Crash stats do not specify what type of animal is involved, however some regions keep record.</p> <p>A requirement for records to be kept of animal crash stats throughout the network registered by SLK markers to identify the crash hot spots.</p> <p>Current fencing agreements require review - Recommend that the fencing agreement should be assigned to the land lease as opposed to the current arrangement of being assigned to the individual.</p> <p>The onus will be on the new lease owner to inspect the fencing and sign off on the fencing condition.</p> <p>A requirement for Regional Development and Land (RDL) to be involved to investigate this issue further was identified and agreed upon.</p>	<p>to be requested. To be reported to SP out of session to progress enquiries for funding options.</p> <p>SP to invite Ian Cameron to join to group</p> <p>PS will follow up with regional staff</p> <p>JB to approach regional CSMs to commence crash/livestock reporting</p> <p>PS to invite RDL or Pastoral Lands board to join to group</p>
Proposed Date of Next Meeting		
Thursday 31 January 2013		

MRWA Advisory Group for the Management of Straying Livestock in Pastoral Regions

Meeting Minutes

Thursday 31 January 2013 – DAC

2:00pm

Attendees:

Apologies:

Joan Brierley (JB)	Dean Roberts (DR)
Steve Potter(Chair) (SP)	Leanne Corker (LC)
Raymond Reveley (RR)	Peter Sewell (PS)
Kelly Gillen (KG)	
Vanessa Toncich (VT)	
Ian Randles (IR)	
Linley Crackel (LCr)	
Colin Ward (CW)	
John Donnelly (JD)	
Megan Holding (MH)	
Peter Kneebone (PN)	
Doug Brownlie (DB)	

Item	Description	Action
Opening of Meeting and Welcome		
1	Welcome to new members of the MRWA Pastoral Fencing Advisory Committee: WALGA - Peter Kneebone ORS - Linley Crackel Welcome to additional representation from PGA- Doug Brownlie	
2	Previous minutes read and agreed upon IR spoke to PGA's position on straying livestock in pastoral regions. NOTED: Facts need to inform debate Request from IR that the PFWG - Pastoral Regions - Fencing Road Reserves Working Group Report tabled in 2012 be circulated to regional LGA's and other interested parties as a reference document.	VT to obtain permission from Ministers Office to distribute report – Approved/COMPLETED JB report to be published on the MRWA website

Item	Description	Action
3	<p>Main Roads review Operating Guideline no. 81 Review is ongoing and will be completed and presented to the group at the next meeting JD presented information to the group regarding fencing standards once all 1.6mm wire stock has been exhausted 2.5mm wire will be used only NOTED: 2.5mm is more costly, product is more expensive in addition and more star pickets are required for installation NOTED: Clearing that surrounds fencing is just as important as the fencing itself. Clearings provide both a visual break for cattle and a firebreak. Palatable vegetation should be removed from roadsides so as to not encourage cattle to cross. NOTED: Clearing requires financial expenditure further investigation required into clearing costs.</p>	<p>PS to investigate wire costs</p>
4	<p>Main Roads review of Straying Animal Sign Guidelines. Review is ongoing by RR Warning signage is targeted at major intersections and town departure points Review has been undertaken of signage in other states QLD, SA and NSW. The "high impact" visual signage in QLD is in the process of being removed to long distance visibility issues. NOTED: PK Motorists bear the responsibility of driving to the conditions PK suggested that a phone number be provided on the signage so that motorists could report straying stock when sighted. Agreement would need to occur between PGA and MRWA to pass on information of cattle sightings if the 138 138 number was published on signage NOTED: DB and IR voiced concern about liability related to warning signage, some legal precedent that there is no need to advise of obvious danger. PGA advises pastoralists not to erect warning signage NOTED: VT not all motorists are aware of which regions are pastoral</p> <p>Feedback received from the MRWA Customer Service Advisory Committee (CSAC) in regards to signage:</p> <ol style="list-style-type: none"> 1. They think signage is a good idea with perhaps different signs appearing along routes in order to keep the attention of drivers 2. Suggestion that rumble strips which are higher than the road surface and are highly visible during the evenings are placed prior to the signs so that drivers attention is captured before approaching a highly visible sign 3. CSAC were supportive of the idea of high visibility tape around signs 	<p>RR to finalise review and present at next meeting</p> <p>RR to investigate possibility of a phone number on signage</p> <p>IR to survey PGA members to see if they would provide MRWA with a contact for reporting livestock</p>
5	<p>Crash Reporting Investigation into crash reporting is ongoing JB has approached all MRWA Regional Customer Service Managers to commence livestock crash reporting – effective from February 2013</p>	

Item	Description	Action
6	<p>Update/overview of the Reflective Livestock Ear tag trial JD advised patent still pending on current design in development – hope to be able to present prototype at next meeting. There is currently no cost estimate and the tags are yet to be trailed due to the patent pending. NOTED: Yellow red and white are colours used in the road environment – perhaps a different colour should be used for the ear tags. Rio Tinto may be used as the site for a secondary trial <i>IR has provided the group with notes see attached document, Ear tag briefing note</i></p>	<p>JD to provide update at next meeting</p>
7	<p>Update on the education and communication strategy Actions to date:</p> <ol style="list-style-type: none"> 1. Road safety messages were successfully combined for the first time with double demerits and livestock warnings throughout the regions over the Christmas break 2. Road safety radio campaign with region specific messaging ran for 2 weeks in January – the campaign will run again for another fortnight in the April school holidays 3. A livestock safety article has been written and will be published in the next addition of the Wanderer Magazine <p>Next steps:</p> <ul style="list-style-type: none"> • Investigate the possibility of an article in the Horizons Magazine. • Investigate the cost involved in producing car rubbish bags with safety messages. • New webpage to be created with information relating to livestock/road safety 	<p>VT to draft/investigate LCr to provide VT with costing/contacts to have bags produced. JB to progress new webpage post launch of the new MRWA website</p>
8	<p>Office of Road Safety (ORS) LCr spoke to ORS commitment to the Safer Vehicle Program and the importance of safe vehicles in regional driving LCr Advised that ORS has produces a Multilanguage brochure used in hire cars and tourist centres etc. MRWA produces a Roadside Amenity brochure – NOTED: perhaps some content from the two brochures could be amalgamated</p>	<p>LCr and JB ORS brochure to be reviewed in conjunction with Roadside amenities brochure</p>
9	<p>Update on development of MRWA Good Neighbour Policy similar NOTED: Due to recent MRWA organisational restructure has not yet progressed</p> <p>Other Business Noted: IR and JB Pastoralists would rather not have and fencing therefore who should be financially liable for the retro fit of substandard fencing.</p>	<p>SP to investigate responsible branch area/officer</p>
Proposed Date of Next Meeting		
Tuesday 30 April 2013		MH to arrange next meeting

**MRWA Advisory Group for the Management of Straying Livestock in Pastoral Regions
Meeting Minutes**

Thursday, 22 August 2013 – Don Aitken Centre
2:00pm

Attendees

Peter Sewell (Chair) (PS)	Main Roads WA
Joan Brierley (JB)	Main Roads WA
Raymond Reveley (RR)	Main Roads WA
Kelly Gillen (KG)	Department of Parks and Wildlife
Vanessa Toncich (VT)	Main Roads WA
John Donnelly (JD)	Main Roads WA
Megan Holding (MH)	Main Roads WA
Peter Kneebone (PN)	WALGA
Doug Brownlie (DB)	Pastoralist & Graziers Association
Samantha Whitburn (SW)	Main Roads WA
Vincent Chew (VC)	Main Roads WA
Jon Gibson (JG)	Office of Road Safety

Apologies

Linley Crackel (LCr)	Office of Road Safety
Leanne Corker (LC)	Pastoral Lands Board
Dean Roberts (DR)	Main Roads WA
Steve Potter (SP)	Main Roads WA

Item	Action
1	Welcome
	PS opened the meeting at 2.10 pm and welcomed all attendees.
2	Previous Minutes
	Previous minutes read and agreed upon
	PK suggested that details of each member's organisation be added to future agendas and minutes so it is easier to identify which organisation members are representing.
	Add details to minutes and future agendas - MH
3	Operating Guideline No.81 and Fencing Standards
	The review of Operating Guideline No. 81 has been completed and incorporates a change in fencing specification. The standard fencing wire will now be 2.5mm.
	Copy of standard fencing drawing to be distributed with minutes - MH
4	Straying Animal Sign Guidelines
	RR advised that the signage review was almost complete. The sign drawings have been developed and are due to be signed off by Planning & Technical Services in the coming week. The policy review is also complete
	PS advised that fluorescent tape had been used on other signs across the State to highlight signs during the evenings and could be considered for these signs also.
	Copy of final drawing is to be distributed with minutes – MH
	Contact Regional Manager Gascoyne about trialling this initiative - SW

Item		Action
	<p>NOTED: normal hazard warning signs would be used at intervals less than 20 km within identified hotspot areas.</p> <p>NOTED: a strategy will be developed for the replacement of existing signs. Any new installations will be to the new standard.</p> <p>NOTED: Main Roads Regions are now picking up data in relation to cattle deaths as part of routine inspections. This will assist in identifying hotspots and provide support for fencing funding applications.</p>	
5	Ear Tag Trial	
	<p>JD advised that the patent for the Allflex tags had been approved and provided a prototype to the meeting. The cost is yet to be determined however an initial estimate is in the order of \$2 per tag.</p> <p>Discussion on whether a trial could be undertaken and if so, who would be responsible for funding this.</p>	<p>Investigate Main Roads' position on funding of an ear tag trial - PS</p>
6	Communications Strategy	
	<p>Radio campaign ran for two weeks in the April school holidays. PS advised that feedback from a recent regional visit to the Gascoyne was that the ads were effective. Agreed that these ads should be scheduled again for October school holidays and the Christmas/New Year period.</p> <p>A livestock safety article was published in the June edition of the Wanderer Magazine. VT distributed a copy for information.</p> <p>Livestock information has been included and distributed in an e-newsletter via the RAC member network.</p> <p>The cost to produce car rubbish bags is in the order of \$1,250 per 10,000 bags. It was agreed that arrangements would be made for bags to be produced once the final sign drawing was approved, as this is to be used as part of the design.</p> <p>PS advised that there is currently a review of intelligent transport systems in regional areas, including the potential installation of static variable message boards.</p>	<p>Book radio ads for October school holidays and the Christmas/New Year period - VT</p> <p>Arrange production of car rubbish bags when sign drawing has been finalised – MH/SW</p> <p>Provide copy of proposed VMS locations to the next meeting – JD</p>
7	Good Neighbour Policy	
	<p>JB advised that the project to develop this policy is now with Road User & Customer Services Branch for action. The project is currently being scoped and project plan will be developed accordingly.</p> <p>NOTED: PS & SW will be Regional Services representatives for this project.</p>	

8	Other Road Safety Initiatives	
	<p>JG advised that the international visitors brochure previously produced by the Office of Road Safety will not be reproduced due to reduced funding levels however, the artwork is available if funding is available elsewhere to produce.</p> <p>Future initiatives:</p> <ul style="list-style-type: none"> • PS suggested that a 'hot spot' app could be developed. • JB suggested the inclusion of 'hot spot' data on GPS devices 	
9	Other Business	
	<p>PK raised the importance the maintenance along fence lines, including the clearing of vegetation. PS advised that regions will be required to video fence lines every two years and liaise with pastoralists in relation to any maintenance required.</p> <p>PK raised the matter of attaching fencing to bridge structures. VC advised there is a standard drawing for attaching fences to bridges and this would be circulated with the minutes.</p> <p>VC advised that fencing projects to the value of \$1.4 million will be undertaken in 2013/14. Six projects have already been approved (1 x Kimberley, 2 x Goldfields-Esperance and 3 x Mid West).</p>	<p>Provide standard drawing for distribution with meeting minutes - VC</p>
	Next Meeting	
	<p>PS closed the meeting and members agreed that the next meeting would be in January 2014.</p>	<p>Arrange next meeting – SW</p>

PORTFOLIO: TRANSPORT MAIN ROADS WESTERN AUSTRALIA

ISSUE: ROAD MAINTENANCE - PASTORAL FENCING GROUP

BACKGROUND

In September 2012 Main Roads WA established the MRWA Advisory Group for the Management of Straying Livestock in Pastoral Regions to minimise the issues caused by straying stock on roads. The group includes members from the Pastoral Lands Board, Pastoralists and Graziers Association, and State and Local Government Agencies and is chaired by the Director Regional Operations Peter Sewell.

SUGGESTED SPEAKING POINTS

The group has been looking at a range of initiatives to reduce the incidence of stock related crashes on the State's road network in pastoral regions.

These include:

- Installing grids on road reserve fence-lines
- Moving watering points further back from the road-side
- Installing one way cattle gates
- Improving Livestock Warning Signage and fencing standards along road reserves.
- Funding replacement fencing where it is deemed a "hot spot"
- A radio safety campaign was first aired throughout Regional WA in late January 2013 with further campaigns in April, September and December 2013. The campaign will also run in the April 2014 Easter break and school holidays.

The Government (Main Roads) has allocated \$12 million from 2013-14 over four years to fund the above initiatives.

There was a fatality in the Kimberley in December 2013 involving a vehicle versus cattle. The coroner report is not yet available.

Correspondence from the Managing Director to all pastoralists outlining their responsibilities under the Road Traffic Code 2000 is currently being prepared.

CURRENT AS: February 2014

DRZAL Danni (EGRM/A)

From: SAUNDERS Dee (MOC)
Sent: Friday, 11 January 2013 2:59 PM
To: OBrien, Alan (Alan.O'Brien@dpc.wa.gov.au)
Cc: DRZAL Danni (MGLO); POTTER Steve (MES/A)
Subject: Pastoral Fencing Group

Alan, as promised in October an update on the status of the Pastoral Fencing Group is provided below. Depending on the situation with this role, either I or Danni will update you further in due course. Dee.

NO	RECOMMENDATION	PROPOSED ACTION PLAN	UPDATE / PROGRESS AS AT AUGUST 2012
1	An Advisory Group is established by Main Roads WA to facilitate effective management of the issues caused by straying stock on roads in the pastoral regions.	Completed	2 nd Meeting 31 Jan 2013. ORS representative nominated to attend. Additional representative from PGA (Goldfields) has been nominated.
2	Main Roads review Operating Guideline no. 81 to reflect an evidence based approach.	By January 2013	Review nearing finalisation. Update to be provided to January meeting
3	Main Roads develop and adopt a Good Neighbour Policy similar to that adopted by DEC.	By June 2013	Yet to commence. To be modelled on the DEC policy.
4	Main Roads review the Straying Animal Sign Guidelines to include all areas of the State road network.	By January 2013	Review nearing finalisation. Update to be provided to January meeting. Main issue being caption on sign meeting Australian Standards. Consultation with other state road authorities is currently underway as some existing warning signage does not meet Australian Standards.
5	An education and communication strategy is developed by the Advisory Group to improve the awareness of road users regarding the risks associated with animals straying onto roads.	By January 2013 – awareness campaign ongoing and will run till end 2013	The draft communication strategy is currently been reviewed and will be tabled at the next Advisory Group meeting in Jan 2013. A road safety radio campaign has been recorded by MRWA which will air mid-January and again for the Easter school holidays. Livestock safety messages were displayed over the Christmas period using Variable Message Boards throughout the regions. The creation of a livestock road safety page for the MRWA website is also underway.
6	Main Roads review the standard of fencing used to fence the road reserve in pastoral regions.	By January 2013	The review is underway with a key change to include the recommendation to move to the stronger 2.5mm strength wire rather than the 1.8mm wire. The increase in cost is in the order of 15%. Drawing finalised. To be

DRZAL Danni (EGRM/A)

From: SAUNDERS Dee (MOC)
Sent: Friday, 19 October 2012 2:18 PM
To: OBrien, Alan (Alan.O'Brien@dpc.wa.gov.au)
Cc: DRZAL Danni (MGLO); POTTER Steve (DSR/A)
Subject: Pastoral Fencing Group

Alan, update as requested. Depending on the situation with this role, either I or Danni will update you further in due course. Dee.

NO	RECOMMENDATION	PROPOSED ACTION PLAN	UPDATE / PROGRESS AS AT AUGUST 2012
1	An Advisory Group is established by Main Roads WA to facilitate effective management of the issues caused by straying stock on roads in the pastoral regions.	By June 2012	Advice seeking advisory group participation sent to working group 14th August. First meeting anticipated early October 2012 First meeting of the Advisory group was held on 24 September. Key members of the PGA were last minute apologies. WALGA have yet to nominate a delegate. ORS have declined the invitation to be part of the Advisory group. A/DSR is following up with ORS.
2	Main Roads review Operating Guideline no. 81 to reflect an evidence based approach.	By December 2012	
3	Main Roads develop and adopt a Good Neighbour Policy similar to that adopted by DEC.	By June 2013	
4	Main Roads review the Straying Animal Sign Guidelines to include all areas of the State road network.	By December 2012	
5	An education and communication strategy is developed by the Advisory Group to improve the awareness of road users regarding the risks associated with animals straying onto roads.	By September 2012 January 2013	The draft communication strategy is currently been reviewed and will be tabled at the next Advisory Group meeting in Jan 2013.
6	Main Roads review the standard of fencing used to fence the road reserve in pastoral regions.	By September December 2012	The review is underway with a key change to include the recommendation to move to the stronger 2.5mm strength wire rather than the 1.8mm wire. The increase in cost is in the order of 15%.

Dee Saunders

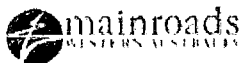
DRZAL Danni (EGRM/A)

From: SAUNDERS Dee (MOC)
Sent: Friday, 17 August 2012 11:17 AM
To: 'OBrien, Alan'
Cc: DRZAL Danni (EGRM/A); POTTER Steve (DSR/A)
Subject: RE: Pastoral Fencing Group - 30-27832
Attachments: Minister agreement to recommendations of Pastoral Fencing Working group - D12 #55214.PDF

Alan, I am advised that Item 1 has been action – see highlighted cell. I will keep an eye on the progress of the other actions and advise you in due course. Dee.

NO	RECOMMENDATION	PROPOSED ACTION PLAN	UPDATE / PROGRESS AS AT AUGUST 2012
1	An Advisory Group is established by Main Roads WA to facilitate effective management of the issues caused by straying stock on roads in the pastoral regions.	By June 2012	Advice seeking advisory group participation sent to working group 14 th August. First meeting anticipated early October 2012.
2	Main Roads review Operating Guideline no. 81 to reflect an evidence based approach.	By December 2012	
3	Main Roads develop and adopt a Good Neighbour Policy similar to that adopted by DEC.	By June 2013	
4	Main Roads review the Straying Animal Sign Guidelines to include all areas of the State road network.	By December 2012	
5	An education and communication strategy is developed by the Advisory Group to improve the awareness of road users regarding the risks associated with animals straying onto roads.	By September 2012	
6	Main Roads review the standard of fencing used to fence the road reserve in pastoral regions.	By September 2012	

Dee Saunders



Telephone: (08) 9323 4287 Fax: (08) 9221 9306

Email: dee.saunders@mainroads.wa.gov.au

www.mainroads.wa.gov.au

What's Perth traffic like today? www.twitter.com/perth_traffic

For road information around Western Australia www.twitter.com/wa_roads

CORRESPONDENCE COVERSHEET

Office of the Hon Minister Troy Buswell MLA

Minister for Transport; Housing; Emergency Services

Transport

Title **BN received from MRWA regarding Pastoral Fencing Working Group - report & recommendations summary**

Author **Main Roads Western Australia**

Correspondence Number:

Organisation **Govt WA**

30-27832

Date Received **24/4/2012**

Date Due **22-5-12**



Date Created **24/4/2012**

Related Ref 30-26022 Title Working Group Report received from MRWA regarding Pastoral Fencing

Author Main Roads Western Australia

Received 27/2/2012

Completed

ASSIGNEE	DATE	MINISTERIAL OFFICE ACTION	TO	DATE
AOB	24/4	<input type="checkbox"/> AGENCY FOR ACTION: _____ <input type="checkbox"/> THANK YOU LETTER (See below) <input type="checkbox"/> CABINET / EXCO / EERC SUBMISSION <input type="checkbox"/> FILE & CLOSE - NFA <input type="checkbox"/> REFERRAL LETTER TO MINISTER FOR: _____ <input type="checkbox"/> ACKNOWLEDGEMENT LETTER (TO REPLY) <input type="checkbox"/> OTHER: _____ <input type="checkbox"/> ACKNOWLEDGEMENT LETTER (FOR NOTING)		
FROM	DATE	COMMENTS OR REFERRAL INSTRUCTIONS	TO	DATE
MS	26/4	for Minister endorsement of Recommendations.	MS	
MS	26/4	Isn't the Advisory Group the same as the working group	MS	
		result		

AGENCY ACTION

- DRAFT REPLY (See below)
 DIRECT REPLY
 NOTE / FOR INFORMATION
 DUPLICATE
 ADVICE / COMMENT REQUEST
 BRIEFING NOTE REQUEST
 REDRAFT / EDITS / CORRECTIONS: DATE _____

DRAFT REPLY & THANK YOU LETTERS TO BE PREPARED FOR

- PREMIER
 MINISTER
 CHIEF OF STAFF
 POLICY ADVISER
 OTHER: _____

MINISTERIAL OFFICE ACTION FOR SIGNED/OUTGOING CORRESPONDENCE

- INVOLVES MULTIPLE MINISTERIALS
 INCLUDES ATTACHMENT FOR CORRESPONDENCE
 FILE → MINISTERIAL OFFICE
 AGENCY: MRWA DATE: 3/5

MRWA 07/7097-62, 11/3396-02

MINISTER FOR TRANSPORT

**PASTORAL FENCING WORKING GROUP
REPORT AND RECOMMENDATIONS SUMMARY**

1. I refer to my memorandum of 27 February 2011 (copy attached) about the Pastoral Fencing Working Group's report and recommendations and your comments of 14 March 2012.
2. In response to your comments, attached at Appendix 1 please find the Executive Summary of the Working Group's report listing its key findings and recommendations.
3. Essentially, the Group's findings are:
 - Due to the vast area of the state's pastoral region, a more targeted fencing regime may deliver a better return on investment while also improving road safety outcomes where animal related crashes are most prevalent;
 - A combination of solutions should be considered to diminish the risk of crashes rather than fencing alone to reduce the potential of animal collisions on the State road network in pastoral areas. Suggested solutions have been categorised as road management, stock management and interface management; and
 - Fencing in flood and fire prone areas where they are likely to sustain significant and ongoing damage needs careful consideration.
4. The report outlines six recommendations for Government consideration to minimise the risk of stray stock causing crashes as follows:

An Advisory Group is established by Main Roads WA to facilitate effective management of the issues caused by straying stock on roads in the pastoral regions.

The Advisory Group will be co-ordinated by Main Roads and membership will include Main Roads, PGA, DEC, WALGA, RAC, ORS and PLB. Other stakeholder groups may be invited or consulted as necessary.

The objectives of the Advisory Group will be to:

- Establish a collaborative approach between Main Roads, land managers/stock owners, road users and other stakeholders using an evidence and risk based approach to address known and potential stock strike hot spots as a shared responsibility.
- Reduce the incidence of stock related crashes on the State's road network in pastoral regions.

The expected costs for ongoing Main Roads management and administrative support for the Advisory Group during the first 12 months of operation would be approximately \$0.3m and this can be funded from Main Roads' existing funding.

Main Roads review Operating Guideline no. 81 to reflect an evidence based approach.

Operational Guideline No. 81 was last updated in November 2007. A review of Operational Guideline 81 will enable the Main Roads regions with pastoral areas to target specific locations where stock straying onto the road reserve has been an issue.

Main Roads develop and adopt a Good Neighbour Policy similar to that adopted by DEC.

A good neighbour policy between Main Roads and the pastoral lessees can assist in facilitating better management of boundary related issues. This policy would address:

- Fencing may not be seen as the only available solution to address road safety matters but Main Roads should contribute to the erection of fencing where there is an identifiable public benefit.
- Main Roads only contributes to the maintenance and replacement of road reserve fencing where there is an identifiable public benefit.
- To address issues of vegetation control and impact of road users on neighbouring stations (e.g. maintaining firebreaks at truck bays, parking bays, river crossing etc.)
- A regional representative of Main Roads is identified with accountability and communicated as the primary point of contact and communications for affected landowners.
- Cost implications to be assessed as appropriate.

Main Roads review the Straying Animal Sign Guidelines to include all areas of the State road network.

The review of the Straying Animal sign guidelines would allow for:

- More creative local signage solutions to be investigated including warning of potential for stock on road and the station name located at known hot spots, near watering holes and at station boundaries.
- Cost implications to be assessed as appropriate.

An education and communication strategy is developed by the Advisory Group to improve the awareness of road users regarding the risks associated with animals straying onto roads.

In order to raise the awareness and the potential risk to the road user, a coordinated communications strategy and plan will provide a platform to educate and inform, with the intent of changing road user behaviour in the pastoral areas.

Main Roads review the standard of fencing used to fence the road reserve in pastoral regions.

Ensuring the fences that are established are an effective stock management solution for stock now and in the future, a review of the fencing standards would ensure:

- That investment of public funds provides suitability for different stock types.
 - Appropriate materials are used to provide integrity to the established fences.
5. The expected benefits of adopting the recommendations are:
- Improved road safety;
 - Improved communications between Main Roads, pastoralists and road users;
 - Reduced potential for litigation;
 - Control of unauthorised use of adjoining pastoral land;
 - Clearer definition of access points to adjoining land;

- Improvement in stock management; and
- Reduced risk to the travelling public from wandering livestock.

6. Subject to the recommendation being accepted by Government, Main Roads anticipates these recommendations will be implemented by the timelines shown on the table below.

NO	RECOMMENDATION	PROPOSED ACTION PLAN
1	An Advisory Group is established by Main Roads WA to facilitate effective management of the issues caused by straying stock on roads in the pastoral regions.	By June 2012
2	Main Roads review Operating Guideline no. 81 to reflect an evidence based approach.	By December 2012
3	Main Roads develop and adopt a Good Neighbour Policy similar to that adopted by DEC.	By June 2013
4	Main Roads review the Straying Animal Sign Guidelines to include all areas of the State road network.	By December 2012
5	An education and communication strategy is developed by the Advisory Group to improve the awareness of road users regarding the risks associated with animals straying onto roads.	By September 2012
6	Main Roads review the standard of fencing used to fence the road reserve in pastoral regions.	By September 2012

7. Submitted for your consideration of the recommendations.


 MANAGING DIRECTOR OF MAIN ROADS

23 APR 2012

REPORT RECOMMENDATIONS AGREED TO:


 MINISTER FOR TRANSPORT

01/10/2012

CORRESPONDENCE COVERSHEET

Office of the Hon Minister Troy Buswell MLA

Minister for Transport; Housing; Emergency Services

Transport

Title Working Group Report received from MRWA regarding Pastoral Fencing

Author Main Roads Western Australia

Correspondence Number:

Organisation Govt WA

30-26022

Date Received 27/2/2012

Date Due 26.3.12



Date Created 27/2/2012

ASSIGNEE	DATE	MINISTERIAL OFFICE ACTION	TO	DATE
AQB	27/2	<input type="checkbox"/> AGENCY FOR ACTION <input type="checkbox"/> ICS <input type="checkbox"/> THANK YOU LETTER (See below) <input type="checkbox"/> CABINET / EXCO / EERC SUBMISSION <input type="checkbox"/> ACKNOWLEDGEMENT LETTER <input type="checkbox"/> REFERRAL LETTER TO MINISTER FOR: _____ <input type="checkbox"/> FILE & CLOSE -- NFA <input type="checkbox"/> OTHER: _____		
FROM	DATE	COMMENTS OR REFERRAL INSTRUCTIONS	TO	DATE
<i>MB</i>	28/2	Working Group Report	<i>MB</i>	
<i>MB</i>	29/2	ADVISORY GROUP STAFF TO RESPOND FROM MRWA IF SET UP	<i>MB</i>	
<i>MB</i>	15/3	MRWA - to note Minister's comments	<i>MB</i>	15/3

AGENCY ACTION

- DRAFT REPLY (See below) DIRECT REPLY NOTE / FOR INFORMATION DUPLICATE
 ADVICE / COMMENT REQUEST BRIEFING NOTE REQUEST REDRAFT / EDITS / CORRECTIONS DATE 15/3

DRAFT REPLY & THANK YOU LETTERS TO BE PREPARED FOR

- PREMIER MINISTER CHIEF OF STAFF POLICY ADVISER OTHER: _____

MINISTERIAL OFFICE ACTION FOR SIGNED/OUTGOING CORRESPONDENCE

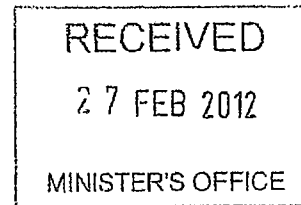
- INVOLVES MULTIPLE MINISTERIALS INCLUDES ATTACHMENT FOR CORRESPONDENCE
 FILE → MINISTERIAL OFFICE AGENCY: _____ DATE: _____

20-2 b006

MRWA 07/7097-61, 11/3396-02

MINISTER FOR TRANSPORT

**PASTORAL FENCING WORKING GROUP
REPORT AND RECOMMENDATIONS**



1. I refer to my memorandum of 15 April 2011 (copy attached) about the formation of a *Working Group* with appropriate industry representatives to progress concerns relating to fencing road reserves in pastoral areas.

2. The Working Group comprised representatives from the following organisations:

- Main Roads - Chair
- Pastoralists and Graziers Association (PGA)
- Pastoral Lands Board (PLB)
- Department of Regional Development and Lands (DRDL)
- Western Australian Local Government Association (WALGA)
- Royal Automobile Club (RAC)
- Department of Environment & Conservation (DEC).

3. On 31 May 2011 the Group held its inaugural meeting. Additional attendees included representatives from the Office of Road Safety, Carpenter Agriculture and your Principal Policy Officer, Mr Michael Buba.

4. During this meeting the stakeholders developed a *Terms of Reference*; established the membership of the core and corresponding members of the *Working Group*; and agreed to author and submit a *Working Group Report* to the Minister by the end of 2011. To meet this deadline, the Working Group members scheduled regular meetings in Perth, facilitated by Main Roads.

5. The following group of interested parties was also identified as Correspondence Members of the Working Group:

- Minister for Transport Office
- Office of Road Safety (ORS)
- Western Australia Police
- Fire and Emergency Services Authority (FESA)
- Insurance Commission of Western Australia (ICWA)

6. Following the inaugural meeting, the *Working Group* met nine times including a full day facilitated workshop in October 2011.

7. The *Working Group* analysed and reviewed data related to the existing fence asset, pastoralist fencing concerns and animal related crash data in pastoral regions.

8. At the meeting held on 20 December 2011 it was considered prudent by the members of the *Working Group* to conduct further consultation and investigation to confirm a small number of assumptions prior to finalising the *Working Group Report*. Accordingly, the group requested a Ministerial extension of time until end of February 2012 to submit the *Working Group Report*.

9. On 7 February 2012, the Pastoral Fencing Working Group met to finalise the report. The final review ensured appropriate attention was provided to key items of the report and concluded with representatives of each of the core members signing the report as a set of aligned recommendations for fencing main roads in pastoral regions of Western Australia.

10. Below is a brief outline of the six report recommendations:

1. *An Advisory Group is established by Main Roads WA to facilitate effective management of the issues caused by straying stock on roads in the pastoral regions;*
2. *Main Roads review Operating Guideline no. 81 to reflect an evidence based approach;*
3. *Main Roads develop and adopt a Good Neighbour Policy similar to that adopted by DEC;*
4. *Main Roads review the Straying Animal Sign Guidelines to include all areas of the State road network;*
5. *An education and communication strategy is developed by the Advisory Group to improve the awareness of road users regarding the risks associated with animals straying onto roads; and*
6. *Main Roads review the standard of fencing used to fence the road reserve in pastoral regions.*

11. Should recommendation one be approved the costs for ongoing Main Roads' management and administrative support during the first 12 months will be around \$0.3m and will be funded from existing Main Roads funding.

12. Attached please find the original copy of the Report, signed by the Working Group members.

13. Main Roads considers the *Working Group Report* reasonable, and remains committed to this very important and strategic project.

14. Submitted for your consideration of the recommendations. I would like to discuss the report and its recommendations with you at our next scheduled meeting.



MANAGING DIRECTOR OF MAIN ROADS

27 FEB 2012

RECEIVED

18 APR 2011

MINISTER'S OFFICE

MRWA 07/7097-50

MINISTER FOR TRANSPORT

PASTORAL FENCING WORKING GROUP

1. Below for your information is a brief summary of the background and status of the "pastoral fences" along Main Roads' roads.
2. In Main Roads' Kimberley, Pilbara, Gascoyne, Mid west and Goldfields Esperance Regions, there are approximately 8, 860 km of highways and main roads of which approximately 3, 615 km are fenced on both sides and 1,307 km on one side only.
3. The cost of fencing varies greatly depending upon the stock type, location, and land terrain. The approximate average cost of installing fencing, including environmental and heritage surveys, is in the order of \$6,000 per km. The overall total cost of new fencing including upgrading or replacing the existing fencing for the whole road reserve of highways and main roads in the pastoral regions would be in excess of \$110m (excluding maintenance).
4. ~~Main Roads has had a policy for many years of contributing to the cost of the initial construction of pastoralist fencing subject to the availability of funding.~~ The basic cost sharing arrangement is 50:50. However, Main Roads contributes a greater amount if the new fencing allows the removal of grids from the road section to be fenced. In accordance with a signed Agreement ongoing fencing maintenance and replacement is the responsibility of the pastoralist. Issues relating to maintenance include damage by fire and floods, changes in livestock type and changes in lessees.
5. In March 2009 Mr Alex Burbury, Policy Director Pastoralist and Graziers Association, wrote to the then Minister for Transport regarding pastoral fencing on road reserve boundaries seeking consideration for a change in Main Roads' current policy and practices in terms of fencing maintenance funding and funding for upgrading fencing requirements.
6. In October 2009 Mr Burbury proposed to convene a forum with Main Roads, Roadwise WA and Office of Road Safety WA to develop strategies to improve road safety in pastoral areas. At the same time, Ms Ruth Webb-Smith, Chair of the Pastoral Committee of the PGA contacted the Minister for Transport's Office and suggested the establishment of a Working Group comprising representatives from the PGA, Main Roads, Local Government and other relevant stakeholders to progress concerns relating to fencing road reserves in pastoral areas.
7. As you will be aware, it has been proposed that a Working Group with appropriate industry representatives be convened by Main Roads to consider all of the relevant options and issues and prepare a report to Government. In recent advice from you office it was stated that the Group would be formed and have its inaugural meeting by the end of May 2011.

MAIN ROADS Western Australia
D11#91675

+61 8 92136901

001/002

HON TIAIY BUSWELL MLA

8/05 2011 08:40 FAX +61 8 92136901

8. In this regard, Main Roads will convene the formation of the Working Group and chair it. Proposed members of the Working Group include representatives from:

- Main Roads
- PGA
- WALGA
- Regional Development
- RAC

9. The main agenda and focus of the first meeting would be to formulate a 'Terms of Reference' for the Group's working governance i.e. agreed objectives, role, membership, future meetings (schedules/timing), agenda/issues and communication and reporting protocol. However, the intention will be to provide a report to you with recommendations from the Working Group as soon as possible but at least by the end of 2011.

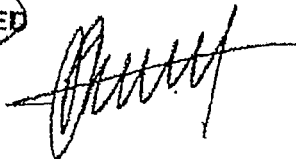
10. Submitted for your consideration and approval.



MANAGING DIRECTOR OF MAIN ROADS

15 APR 2011

APPROVED



MINISTER FOR TRANSPORT

26 / 04 / 2011



Government of Western Australia
Department of Regional Development and Lands



RAC members are happy for

Fencing Road Reserves in Pastoral Regions

Working Group Report

status: **Final**
date: **07/02/12**
version **6.0**

CORRESPONDENCE COVERSHEET

Office of the Hon Minister Troy Buswell MLA

Minister for Transport, Housing

Transport

Title: BN received from MRWA regarding pastoral fencing working group

Author: Main Roads Western Australia

Organisation: Govt WA

Correspondence Number:

30-17249

Date Received: 19/04/2011

Date Created: 19/04/2011

Date Due



MINISTERIAL OFFICE

- MINISTER CHIEF OF STAFF POLICY ADVISER ^{AOB} MEDIA ADVISER
 EXECUTIVE OFFICER LIAISON OFFICER (MLO) APPOINTMENTS SECRETARY ADMIN OFFICER

MINISTERIAL OFFICE ACTION

- AGENCY FOR ACTION FILE - NFA THANK YOU LETTER (See below) CABINET / EXCO / EERC SUBMISSION
 ACKNOWLEDGEMENT LETTER REFERRAL LETTER TO MINISTER FOR: _____ ICS

AGENCY

- DEPARTMENT OF HOUSING DEPARTMENT OF TRANSPORT MAIN ROADS WA PUBLIC TRANSPORT AUTHORITY

AGENCY ACTION:

- DRAFT REPLY (See below) DIRECT REPLY NOTE / FOR INFORMATION
 ADVICE / COMMENT REQUEST BRIEFING NOTE REQUEST REDRAFT / EDITS / CORRECTIONS

DRAFT REPLY & THANK YOU LETTERS TO BE PREPARED FOR

- PREMIER MINISTER CHIEF OF STAFF POLICY ADVISER _____ EXECUTIVE OFFICER LIAISON OFFICER

FROM	DATE	COMMENTS OR REFERRAL INSTRUCTIONS	TO
VOB	19/4	For consideration	
MS	20/4	ANSWER FROM OAS/POLICE TO MS INCLUDED	hgw

MINISTERIAL OFFICE ACTION ONCE SIGNED

- SEND REQUEST REDRAFT / EDITS / CORRECTIONS FILE → MINISTERIAL OFFICE AGENCY: _____

↳ MRWA

RECEIVED

18 APR 2011

MINISTER'S OFFICE

MRWA 07/7097-50

MINISTER FOR TRANSPORT

PASTORAL FENCING WORKING GROUP

1. Below for your information is a brief summary of the background and status of the "pastoral fences" along Main Roads' roads.
2. In Main Roads' Kimberley, Pilbara, Gascoyne, Mid west and Goldfields Esperance Regions, there are approximately 8,860 km of highways and main roads of which approximately 3,615 km are fenced on both sides and 1,307 km on one side only.
3. The cost of fencing varies greatly depending upon the stock type, location, and land terrain. The approximate average cost of installing fencing, including environmental and heritage surveys, is in the order of \$6,000 per km. The overall total cost of new fencing including upgrading or replacing the existing fencing for the whole road reserve of highways and main roads in the pastoral regions would be in excess of \$110m (excluding maintenance).
4. Main Roads has had a policy for many years of contributing to the cost of the initial construction of pastoralist fencing subject to the availability of funding. The basic cost sharing arrangement is 50:50. However, Main Roads contributes a greater amount if the new fencing allows the removal of grids from the road section to be fenced. In accordance with a signed Agreement ongoing fencing maintenance and replacement is the responsibility of the pastoralist. Issues relating to maintenance include damage by fire and floods, changes in livestock type and changes in lessees.
5. In March 2009 Mr Alex Burbury, Policy Director Pastoralist and Graziers Association, wrote to the then Minister for Transport regarding pastoral fencing on road reserve boundaries seeking consideration for a change in Main Roads' current policy and practices in terms of fencing maintenance funding and funding for upgrading fencing requirements.
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10. Submitted for your consideration and approval.

John Potts

MANAGING DIRECTOR OF MAIN ROADS

15 APR 2011

APPROVED

[Signature]

MINISTER FOR TRANSPORT

26 / 04 / 2011