

The Roads and Transport Alliance ~ A collaborative approach to regional planning, prioritisation and delivery of the local government road network in Queensland

Local Government Association of Queensland

*Presentation to the MAV 2014 National Local Government Infrastructure
and Asset Management Conference - Melbourne, 7 May 2014*

Presentation outline

- About the Roads and Transport Alliance structure
- The task
- Expectations
- Functions
 - Planning & Prioritisation
 - Coordination in delivery
 - Efficiencies
- Example
- Conclusion

Roads and Transport Alliance Agreement (MoA)

- between the Local Government Association of Queensland Ltd (LGAQ) on behalf of Queensland local governments and the Queensland Department of Transport and Main Roads (TMR) – current agreement term 2013-2018
- to address shared road and transport challenges of state and local governments and deliver improved value from all available resources
- 17 Regional Road and Transport Groups (RRTGs) across Queensland manage the local road network, inc Local Roads of Regional Significance (LRRS)
- each supported by a Technical Committee
- Councils project teams report and contribute

Roads and Transport Alliance Agreement (MoA)

Key Technical Elements

- State-wide frameworks for:
- Asset Management; Program Development; Joint Purchasing and Resource Sharing; Road Safety; and general Capability and Capacity development

Key Funding Elements

- Transport Infrastructure Development Scheme (TIDS)

Key Governance and Reporting Elements

- Roads and Transport Alliance Board
- Queensland Transport and Road Implementation Program (QTRIP)

Queensland local roads

- Queensland councils manage over 150,000 kilometres of local road network
- Wide range of road types and asset condition
- Local roads expenditure 33% of annual councils budgets (ABS 5512)
- 2011-12 over \$2.7 billion
- TIDS funding directly managed via the Alliance and RRTGs
- \$31.2M in 2014-15



Pre Alliance...

- Large number of unilateral relationships between councils and the State Government
- Duplication of effort, inefficiencies, communication burden
- ‘territorial’ or LG boundary-delimited thinking
- Lack of formal forums to discuss common challenges and to coordinate approaches to resolve
- Lack of coordination in the utilisation of expertise and resources
- TIDS funding distributed via an annual ‘competitive bid’ process

Expectations

Community

- A consistent and safe regional road network which provides access to goods and services and contributes to economic development
- Includes access to education and health services

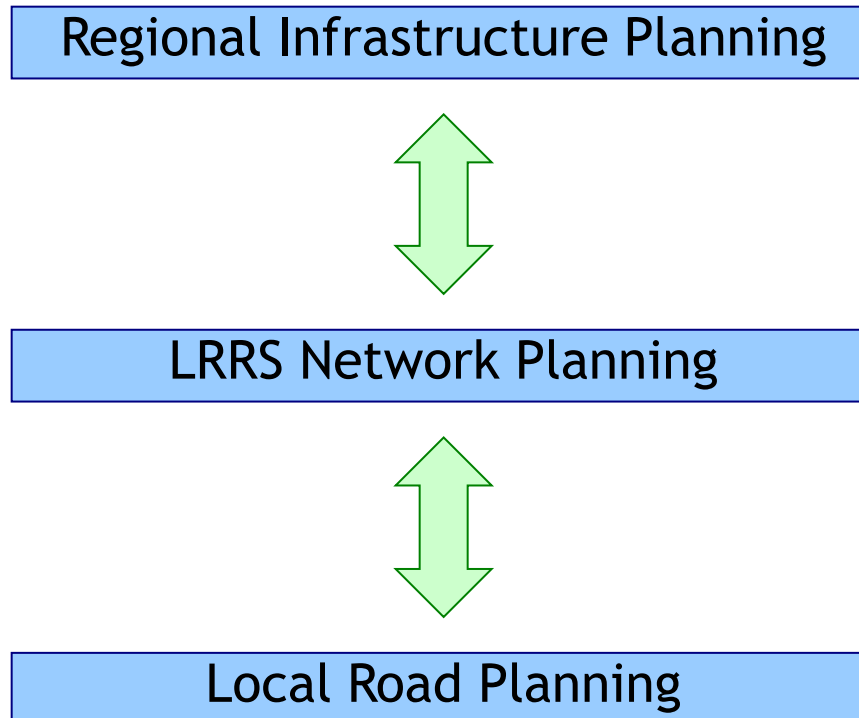
TMR and Local Government

- Better use of resources (financial, human & plant)
- Improved road safety
- Improved road management capability

Planning & prioritisation

RRTGs meet regularly

- 4 year Regional Works Programs - all RRTGs across Queensland are required to complete a 4 year works program



Coordination in delivery

- Planning and delivery for one road network
- opportunities to improve network outcomes, transparency and accountability
- Promote joint responsibility and decision making at the regional level
- Benefits from longer term planning
- Share and improve on road stewardship capability and capacity
- Assist with establishing the case for future road funding
- Opportunity to lead road management and development in Qld / leverage benefits already derived from previous reform agendas

North West Queensland Regional Roads Group

2012/13 Works Program

Council	Project No	Road	Description	Planning & Design	Construction
Burke	213/LGSR/6	Doomadgee Road West	Upgrade formation and seal	Complete	Sep-Oct 13.
Carpentaria	215/LGSR/5	Burketown Road	Install culverts and floodways at M Creek & Little M Creek	Not started. Scope to change.	TBA.
Cloncurry	219/LGSR/12	Sedan Dip Road	Construct to new sealed 2 lane standard (20.8-25)	Complete	Aug-Oct 13.
Flinders	55/LGSA/4	Prairie Road	Construct to new sealed 2 lane standard	Complete	Mar-Apr 14.
Flinders	55/LGSB/2	Basalt Byway	Form, improve drainage and running surface	Complete	Nov 13.
Flinders	55/LGSB/3	Various Locations	Install floodways	Complete	Oct 13.
Flinders	227/LGSO/2	White Mountains Road	Construct to new unsealed standard	Complete	May-Jun 14.
McKinlay	244/5807/3	Julia Creek – Kynuna Road (TMR)	Construct to new sealed 2 lane standard (88.1-103)	Complete	TBA - dependent on NDRRA.
Mount Isa	246/LGSR/11	Transmission Street, Mt Isa	Pavement Rehabilitation (Duchess Rd – East St)	Complete	Sep-Oct 13.
Mount Isa	246/LGSR/7	Moondarra Drive	Construct to new sealed 2 lane standard (6-13.4)	Complete	Feb-Mar 13.
Richmond	257/LGSR/6	Richmond - Croydon Road	Culverts, reshape and reseal		Feb-Jun 14.
Richmond	257/LGSR/7	Richmond - Croydon Road	Culverts, reshape and reseal		
Richmond	257/LGSR/8	Richmond - Croydon Road	Culverts, reshape and reseal (131-137)		

Construction Expenditure Forecast (amounts are cumulative)

Council	Project No	Road	Total TIDS	July	August	September	October	November	December	January	February	March	April	May	June
Burke	213/LGSR/6	Doomadgee Road West	604,000			200,000	604,000								
Carpentaria	215/LGSR/5	Burketown Road	273,000												
Cloncurry	219/LGSR/12	Sedan Dip Road	273,000		50,000	150,000	273,000								
Flinders	55/LGSA/4	Prairie Road	95,000									40,000	95,000		
Flinders	55/LGSB/2	Basalt Byway	90,000	75,000				90,000							
Flinders	55/LGSB/3	Various Locations	30,500				30,500								
Flinders	227/LGSO/2	White Mountains Road	57,500											20,000	57,500
McKinlay	244/5807/3	Julia Creek – Kynuna Road (TMR)	273,000												
Mount Isa	246/LGSR/11	Transmission Street, Mt Isa	100,000			50,000	100,000								
Mount Isa	246/LGSR/7	Moondarra Drive	173,000							50,000	173,000				
Richmond	257/LGSR/6	Richmond - Croydon Road	80,000										2,000	67,000	80,000
Richmond	257/LGSR/7	Richmond - Croydon Road	100,000									37,000	100,000		
Richmond	257/LGSR/8	Richmond - Croydon Road	93,000								65,000	93,000			

TIDS Claims Forecast (amounts are cumulative)

Council	Project No	Road	Total TIDS	July	August	September	October	November	December	January	February	March	April	May	June
Burke	213/LGSR/6	Doomadgee Road West	604,000					604,000							
Carpentaria	215/LGSR/5	Burketown Road	273,000												
Cloncurry	219/LGSR/12	Sedan Dip Road	273,000					273,000							
Flinders	55/LGSA/4	Prairie Road	95,000											95,000	
Flinders	55/LGSB/2	Basalt Byway	90,000		75,000				90,000						
Flinders	55/LGSB/3	Various Locations	30,500						30,500						
Flinders	227/LGSO/2	White Mountains Road	57,500												57,500
McKinlay	244/5807/3	Julia Creek – Kynuna Road (TMR)	273,000												
Mount Isa	246/LGSR/11	Transmission Street, Mt Isa	100,000					100,000							
Mount Isa	246/LGSR/7	Moondarra Drive	173,000										173,000		
Richmond	257/LGSR/6	Richmond - Croydon Road	80,000												80,000
Richmond	257/LGSR/7	Richmond - Croydon Road	100,000										37,000		100,000
Richmond	257/LGSR/8	Richmond - Croydon Road	93,000										93,000		



North West Queensland Regional Roads Group

LRRS Details												4410.353	1352.212	3058
Road Owner	Road Name	Start Description	End Description	Road Number	Road Class	DTMR Region	State Electorate	Commonwealth Electorate	Start Chainage	End Chainage	Total Length (km)	Sealed Length (km)	Unsealed Length (km)	
Cloncurry	Sedan Dip Road	Burke Developmental Road (89A)	Cloncurry/McKinlay Boundary	117	LRRS	North West	Mount Isa	Kennedy	0.000	97.500	97.500	18.100	79.400	
Cloncurry	The Link Road	Sedan Dip Road	Ernest Henry Road	122	LRRS	North West	Mount Isa	Kennedy	0.000	7.000	7.000	7.000	0.000	
Croydon	Helia Bundah Road	Croydon/McKinlay Boundary	Croydon - Richmond Road	412	LRRS	Far North	Mount Isa	Kennedy	175.000	183.000	14.000	1.700	12.300	
Croydon	Croydon - Richmond Road	Gulf Developmental Road (92B)	Richmond/Croydon Boundary	411	LRRS	Far North	Mount Isa	Kennedy	0.000	217.112	217.112	76.759	140.353	
Doomadgee	Doomadgee Road	Burke/Doomadgee Boundary	Burke/Doomadgee Boundary		LRRS	North West	Mount Isa	Kennedy	0.000	32.890	32.890		32.890	
Etheridge	Forsyth - Einsleigh Road	Gregory Developmental Road (98D)	Forsyth Road (6704)	531	LRRS	Far North	Mount Isa	Kennedy	0.000	68.100	68.100	34.100	34.000	
Etheridge	Uadara Road	Gulf Developmental Road (92C)	End of Road	2018	LRRS	Far North	Mount Isa	Kennedy	0.000	14.120	14.120	14.120	0.000	
Flinders	Porcupine Gorge Road	Kennedy Developmental Road (93E)	Porcupine Gorge	67	LRRS	North West	Mount Isa	Kennedy	0.000	1.600	1.600	1.600	0.000	
Flinders	Prairie - Muttaborra Road	Flinders Highway (14B)	Flinders/Barcaldine Boundary	01	LRRS	North West	Mount Isa	Kennedy	0.000	155.700	155.700	52.800	102.900	
Flinders	Torrer Valley Road	Kennedy Developmental Road (93E)	Dalkeith Road	10	LRRS	North West	Mount Isa	Kennedy	0.000	48.300	48.300		48.300	
Flinders	Old Richmond Road	Flinders Highway (14C)	Dalkeith Road	03	LRRS	North West	Mount Isa	Kennedy	0.000	31.800	31.800		31.800	
Flinders	Dalkeith Road	Old Richmond Road	Dalkeith Station	11	LRRS	North West	Mount Isa	Kennedy	0.000	42.700	42.700		42.700	
Flinders	Dutton Downs Road	Flinders Highway (14C)	Dutton Downs Station	37	LRRS	North West	Mount Isa	Kennedy	0.000	61.100	61.100	6.000	55.100	
McKinlay	Cannington Road	Landsborough Highway (19H)	McKinlay/Cloncurry Boundary	795	LRRS	North West	Mount Isa	Kennedy	0.000	83.000	83.000	83.000	0.000	
McKinlay	Taldora Road	Wills Developmental Road (76A)	McKinlay/Carpentaria Boundary	793	LRRS	North West	Mount Isa	Kennedy	0.000	206.000	206.000	69.000	137.000	
McKinlay	Helia Bundah Road	Flinders Highway (14D)	McKinlay/Croydon Boundary	794	LRRS	North West	Mount Isa	Kennedy	0.000	174.860	174.860	29.000	145.860	
McKinlay	Peachbowl Road	Flinders Highway (14D)	Glenmore Trenton Road	792	LRRS	North West	Mount Isa	Kennedy	0.000	94.000	94.000	1.000	93.000	
McKinlay	Sedan Dip Road	Wills Developmental Road (76A)	McKinlay/Cloncurry Boundary	791	LRRS	North West	Mount Isa	Kennedy	0.000	27.000	27.000		27.000	
Mount Isa	Duchess Road	Mount Isa - Duchess Road (7709)	Mount Isa/Cloncurry Boundary	2305	LRRS	North West	Mount Isa	Kennedy	4.720	24.720	20.000		20.000	
Mount Isa	Gunpowder Road	Barkly Highway (15B)	Gunpowder Mine	2302	LRRS	North West	Mount Isa	Kennedy	0.000	82.700	82.700		82.700	
Mount Isa	Isa Street	Railway Avenue, Diamantina Developmental Road (93F)	Stanley Street	3190	LRRS	North West	Mount Isa	Kennedy	0.000	1.250	1.250	1.250	0.000	
Mount Isa	Lake Julius Road	Barkly Highway (15A)	Mount Isa/Cloncurry Boundary	2304	LRRS	North West	Mount Isa	Kennedy	0.000	58.500	58.500		58.500	
Mount Isa	Moondarra Drive	Barkly Highway (15B)	Lake Moondarra	2124	LRRS	North West	Mount Isa	Kennedy	0.000	15.200	15.200	15.200	0.000	
Mount Isa	Riversleigh Road	Gregory Downs - Camoowal Road (6601)	Gregory - Lwin Hill Road	3413	LRRS	North West	Mount Isa	Kennedy	0.000	61.300	61.300		61.300	
Mount Isa	Yelvertoft Road	Barkly Highway (15B)	Gregory Downs - Camoowal Road (6601)	2303	LRRS	North West	Mount Isa	Kennedy	0.000	57.800	57.800	57.800	0.000	
Richmond	Richmond - Croydon Road	Flinders Highway (14C)	Richmond/Croydon Boundary	1	LRRS	North West	Mount Isa	Kennedy	0.000	142.533	142.533	75.870	66.663	
TMR	Wills Developmental Road (Julia Creek - Burke & Wills Junction)	Flinders Highway (14E)	Burke Developmental Road (89A)	78A	LRRS	North West	Mount Isa	Kennedy	0.000	232.979	232.979	232.979	0.000	
TMR	Burke Developmental Road (Normanton - Dimbulah)	Karumba Developmental Road (84A)	Carpentaria/Tablelands Boundary	89B	LRRS	North West	Mount Isa / Cook	Kennedy	30.360	303.360	273.020	11.411	261.609	
TMR	Gregory Developmental Road (The Lynd - Quartz Blow Creek)	Kennedy Developmental Road (99A)	Gulf Developmental Road (92C)	98D	LRRS	Far North	Mount Isa	Kennedy	0.000	119.812	119.812	0.435	119.377	
TMR	Hughenden - Muttaborra Road	Flinders Highway (14B)	Flinders/Barcaldine Boundary	5701	LRRS	North West	Mount Isa	Kennedy	0.000	158.780	158.780	28.454	130.326	
TMR	Aranac - Torrens Creek Road	Flinders/Barcaldine Boundary	Flinders Highway (14B)	5703	LRRS	North West	Mount Isa	Kennedy	125.080	246.980	121.900	68.020	53.880	
TMR	Richmond - Winton Road	Flinders Highway (14D)	Richmond/Winton Boundary	5803	LRRS	North West	Mount Isa	Kennedy	0.000	100.320	100.320	61.390	38.930	
TMR	Julia Creek - Kyauua Road	Flinders Highway (14D/14E)	Landsborough Highway (19G)	5807	LRRS	North West	Mount Isa	Kennedy	0.000	112.370	112.370	35.730	76.640	
TMR	Forsyth Road	Forsyth - Einsleigh Road	Gulf Developmental Road (92B/92C)	6704	LRRS	Far North	Mount Isa	Kennedy	0.000	40.445	40.445	23.080	17.365	
TMR	Gregory Downs - Camoowal Road	Wills Developmental Road (76A)	Barkly Highway	6801	LRRS	North West	Mount Isa	Kennedy	0.000	219.150	219.150	12.298	206.852	
TMR	Cloncurry - Dajarra Road	Barkly Highway (15A)	Diamantina Developmental Road (93E)	7708	LRRS	North West	Mount Isa	Kennedy	0.000	163.080	163.080	69.660	93.420	
TMR	Mount Isa - Duchess Road	Barkly Highway (15A/15B)	Duchess Road	7703	LRRS	North West	Mount Isa	Kennedy	0.000	4.720	4.720	4.720	0.000	

Project: Road Asset Valuation

- to provide inputs to the valuation of road assets consistent with the Australian Accounting Standards requirements, promote consistency (between local governments and between successive valuations) and transparency (key assumptions, inputs and methodologies).
- Road component unit rates which accommodate variations by road type, region, climate, soil type and terrain across Queensland
- Rehabilitation rates by component
- Guidance on useful lives
- Unit rates for strategic infrastructure planning including breakdown to plant, labour and materials
- Queensland and regional road price indices

Efficiencies

- Regional approach to prioritising projects, including projects across LG boundaries and LG / State jurisdictions
- Regional approach to resource allocation and sharing, including utilisation of specialist expertise, plant & equipment
- Broader regional collaboration, discussion and resolution of common issues
- Capacity building and knowledge transfer
- Roads and Transport Alliance, RRTG and TC processes incorporated into the normal business operations of councils (often held with ROC meetings)

Conclusion

- Established, formalised network with good participant commitment and resourcing - all Queensland councils
- Reduced administrative effort for the State road agency
- Combined effort achieves better value for money outcomes
- Joint responsibility and decision making at a regional level
- Improved accountability and transparency
- Network-wide benefits of longer term, integrated planning
- Improved road management capability and capacity
- Stronger regional relationships: LG-LG, ROCs, LG-State
- Provides data to support the case for future road funding
- network for disseminating information on new programs (eg. NHVR, asset management, bridge assessment)

THE ROADS AND TRANSPORT
ALLIANCE

