

MEETING MINUTES



Name of meeting: Regional Roads Bridge Subcommittee Meeting

Location of meeting: HRS conference Room

Meeting facilitator: Michael Papadopoulos

Date: 23 /09/2011 **Time:** 12:40 to 14:00

Attendees: David Medcalf(Gosford Council), Deve Manchanyake (RTA) Steve Hoolihan(RTA), Richard Munro(RTA)
Michael Papadopoulos(RTA)

Apologies: Mursaleen Shah(Singleton Council) Sachin Johsi (Maitland Council)

As a result of the Regional Roads Timber Bridge Program finishing on the 30 June 2011 the Regional Roads Consultative Committee recommended the formation of a Technical Sub Committee. Invitations were sought from all councils and nominations were excepted for David Metcalf (Gosford Council), Chris McGrath(Maitland Council)

The committee reviewed existing system and agreed to that the bridge program be split into rehabilitation and replacement/widening.

It was agreed that rehabilitation projects will be assessed on individual merit by the technical sub committee each year prior to the allocation of funding. Rehabilitation projects should be submitted detailing the scope of work, detailed estimate and include photographs detailing the required works.

Projects eligible for the rehabilitation program include:

Spall Repairs, Stream bed Structure protection works (limited to the road reserve), Joint repairs, Guardrail connections, etc

For the replacement/widening program it was agreed keep the existing ranking system.

The rating system is as follows:

Criteria	Weighting
Age (A)	0.20
Traffic Volume (T)	0.17
Environment (E)	0.20
Load Rating (L)	0.40
Design width deficiency (W)	0.03

Where:

Age of Bridge (A)	
> 1992	0
1992 > > 1976	4
1976 > > 1948	7
< 1948	10

Note:

1. Age is based on year of construction

Traffic Volume (T)	
< 500	1
500 > > 2000	4
2000 > > 5000	7
5000 >	10

Note

1. Traffic Volume is AADT

Environment (E)		
	Concrete	Timber
Dry	1	4
Intermittent Flow	2	7

Permanent Flow	5	10
Salt Water	10	10

Note:

1. Relates to elements in contact with environment. i.e. Piers, Piles
 2. Where a timber pile is encased in concrete it is assessed as a timber pier.
 3. Where piers are of a combination of both timber and concrete it is assessed as timber
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Load Rating(L)		
	All trafficable lanes open	Trafficable lanes reduced by one
No Restrictions	0	4
Speed limit < 40	2	4
Load limit 42T > > 30 T	4	7
Load Limit 29.9 T> > 15 T	7	10
Load Limit < 14.9 T	10	10

Note:

1. Load rating to be determined upon assessment
2. Speed reduction must be to reduce impact loading on the bridge structure and be approved in accordance with normal council procedures

Design width deficiency (m) (W)	
< 1.0	1
1.0 > > 1.99	4
2.0 > > 2.99	7
> 3	10

Note : Deficiency of width to be measured based on AS 5100.1 Cl 9

Each year the top rating bridges are to be inspected by the Bridge Technical s sub committee to determine priority for funding allocations

The committee resolved to recommend that the Consultative Committee approve that \$85,000 be allocated to the Cuan Bridge in the 2012/2103 financial year to complete the project commencing this financial year.

The sub committee also recommends that minimum of \$400,000 be allocated to bridges in the years beyond 2012/2103 with funding split between bridge rehabilitation and bridge replacement/Widening \$100,000 and \$300,000 respectively. (Split of funding to be reviewed by the Bridge Technical subcommittee based on submissions.)

Deve Manchanayake
 Bridge Maintenance Planner
 Infrastructure Services, Hunter