



**COFFS HARBOUR CITY COUNCIL**  
**ORDINARY MEETING**  
**COUNCIL CHAMBERS**  
**COUNCIL ADMINISTRATION BUILDING**  
**COFF AND CASTLE STREETS, COFFS HARBOUR**  
**21 AUGUST 2008**

**Contents**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>PAGE</b>
	<b>CITY SERVICES DEPARTMENT REPORTS</b>	<b>1</b>
S34	REPORT ON SUPREME COURT DECISION REGARDING "E-BIKES"	1
S35	CITY SERVICES SECTION QUARTERLY OPERATIONAL REPORT	6
S36	HEAVY VEHICLES ON LOCAL ROADS	21
S37	LOAD LIMIT TO KELLETS BRIDGE, SOUTH ISLAND LOOP ROAD, UPPER ORARA	27



## **COFFS HARBOUR CITY COUNCIL**

### **ORDINARY MEETING (CITY SERVICES COMMITTEE)**

**21 August 2008**

Mayor and Councillors

#### **CITY SERVICES DEPARTMENT REPORTS**

---

#### **S34 REPORT ON SUPREME COURT DECISION REGARDING "E-BIKES"**

---

##### **Purpose:**

To clarify the legal status of motorised or powered scooters and bicycles on roads and road related areas

##### **Description of Item:**

Following the Report on Motorised Scooters tabled at the Coffs Harbour City Council Ordinary Meeting (City Services Committee) on 1<sup>st</sup> March 2007, recommendation EN9 stated that "Council consider the results of the Supreme Court case regarding the status of "e-bikes" and the classifications of motorized scooters and power assisted pedal cycles arising from the Ministerial Inquiry when they become available."

This report explains the decision of the Supreme Court and includes some additional information about motor assisted bicycles.

##### **Supreme Court Decision**

The Supreme Court decided against the appeal of the Plaintiff from her conviction at the Nyngan Local Court for an offence of using an unregistered registrable motor vehicle contrary to s.18 (1) Road Transport (Vehicle Registration ) Act 1997 on 5 June this year.

The decision states that "e-bikes" are not legal under NSW legislation. There is no change to the law. It was decided after the fact that "e-bikes" do not meet the requirements either as a bicycle or a registrable vehicle.

**Cont'd**



Please see attached statement of Supreme Court ruling for more details.

### **Police Response**

The Police were quoted in the Courier-Mail as saying:

*"To us the bikes never fit the criteria of safety. It's not a bike, it's a motor vehicle and it does not comply with the Australian Road Rules. It was up to the importer to ensure the manufacturer complied with our standards before importing and selling. There is no compliance plate so it can't be registered.*

*In countries where they come from they are ridden in traffic different to Australia. In other countries and cities the bikes are ridden alongside similar vehicles and the occasional car. In Australia they are being ridden with cars and trucks going past."*

The Police said despite being fitted with bicycle pedals, the e-bike was intended to be used like a motor bike. The pedals are situated behind the feet and this combined with the sheer weight of the bike would make it a serious challenge for people to ride without the motor.

The Police are all aware of the court ruling, however the action taken is up to the individual officer. If action were taken the minimum fine would be for an unregistered and uninsured vehicle – a fine of \$486 for each offence. If they were unlicensed the fine would be \$405, and if they were not wearing a motorcycle helmet the fine is \$243 - a possible total of \$1620 in fines. Depending of the status of the license it may result in a court appearance for the offences.

### **Motor Assisted Bicycles**

Also of note, there are currently some motorized bicycles in Coffs Harbour operating with an engine of 1.7kW (pictured below). The NSW Road Rules state that a motor of 200 watts or less is legal for a powered bicycle. This motor would be smaller than a motor for a whipper snipper.



**Cont'd**

1. Engine Type: Single cylinder, air-cooled, 2-stroke
2. Type of fuel mix :(16:1/20:1)
3. Displacement: 66cc
4. Ignition: C.D.I. ignition
5. MAX.Power: 1.7kW @ 5500rpm
6. Economy: 100 km/1.5 litre fuel
7. Nominal speed : 30-35km/h
8. Fuel tank: 2 litre
9. Overall weight: 9.5kg
10. Bore: 47mm
11. Stroke: 38mm
12. Compression ratio: 6:1

The motorised bicycles with excessive power and the "e-bikes" are therefore illegal on cycle ways, roadways and footpaths.

These rules are not consistent with other States and New Zealand so some confusion may arise.

**Sustainability Assessment:**

- **Environment**

See previous report.

- **Social**

See previous report.

- **Economic**

**Broader Economic Implications**

See previous report.

**Management Plan Implications**

Council's strategic planning should continue to include development of an arterial network of well signposted shared paths to provide for future increases in pedestrians (including motorised wheelchairs) and bicycles (including power assisted bicycles).

Some people may have purchased "e-bikes" and powered bicycles to save fuel or as an 'environmentally friendly' form of transport. There is some confusion and dismay about the Court ruling.

**Consultation:**

Council Rangers  
Coffs Harbour Police - Traffic Branch  
Police Legal Branch, Traffic Services, Sydney  
RTA, Grafton.

**Cont'd**

**S34 - Report on Supreme Court Decision regarding "e-bikes" (Cont'd)**

---

**Related Policy and / or Precedents:**

Bike Plan  
Road Safety Strategic Plan

**Statutory Requirements:**

Motor Vehicles Taxation Act 1998  
Australian Road Rules  
Road Transport (Vehicle Registration ) Act 1997

**Issues:**

Law is unchanged as per Australian Road Rules and Licensing

**Implementation Date / Priority:**

Unknown

**Recommendation:**

**Council to write to the Coffs/Clarence Command (Police) requesting that they enforce the law with regard to "e-bikes" and illegally motorised bicycles.**

**Attachments:**

IN THE SUPREME COURT  
OF NEW SOUTH WALES  
COMMON LAW DIVISION

Johnson J  
5 June 2008

11098/08 Deborah Alicia Matheson v Director of Public Prosecutions (NSW)

**JUDGMENT**

JOHNSON J: The Plaintiff Deborah Alicia Matheson, appeals under s.52 Crimes (Appeal and Review) Act 2001 from her conviction at the Nyngan Local Court on 28 February 2008 for an offence of using an unregistered registrable motor vehicle contrary to s.18(1) Road Transport (Vehicle Registration) Act 1997. Following conviction, the Plaintiff was fined the sum of \$500.00 together with court costs of \$70.00.

60 In my view, it was open to the learned Magistrate to construe Clause 15 in the manner applied, and it was open to him to make findings of fact based upon the Plaintiffs vehicle being primarily motor driven with a secondary pedal function. No error of law is revealed in the learned Magistrate's conclusion that the Plaintiffs vehicle was a registrable vehicle to which the registration provisions applied.

61 I do not consider that this outcome gives rise to an uncertain or inconvenient result. This conclusion is the product of the application of the statutory test to the vehicle in question. When this task is performed, in my view, the answer to the statutory question is clear.

62 The Plaintiffs appeal against conviction must fail.

---

## S35 CITY SERVICES SECTION QUARTERLY OPERATIONAL REPORT

---

### Purpose:

To provide Council with a quarterly progress of works and activities undertaken by the various sections of City Services up to 30 June 2008.

### Description of Item:

	<b>Budget</b>	<b>Spent</b>	<b>% complete</b>	<b>% budget</b>
<b>Local Road Reseal - Bitumen Program</b> <i>Work complete.</i>	\$663,000	\$677,481	100	102
<b>Local Road Reseals - Asphalt Program</b> <i>Work complete.</i>	\$85,500	\$85,500	100	100
<b>Local Road Rehabilitation Program</b> <i>Large portion of work will require revotes due to commitment of resources to Hogbin drive. Several large jobs have been completed in July 08.</i>	\$1,430,240	\$739,655	52	52
<b>Local Roads Dust Seal Program</b> <i>Work complete.</i>	\$170,000	\$172,454	100	101
<b>Local Road Gravel Resheet Program</b> <i>Work complete. Scope reduced to cover minor overexpenditure in Reseal and Dust Seal Programs.</i>	\$195,500	\$169,491	89	87
<b>Roads to Recovery Road Rehabilitation Program</b> <i>2007/08 scope completed. Additional funds gained by underexpenditure in R2R Program allocated to Little St Coffs Harbour repairs</i>	\$88,906	\$44,409	53	50
<b>Roads to Recovery Gravel Resheet Program</b> <i>Work complete.</i>	\$206,422	\$207,921	100	101
<b>Roads to Recovery Reseal Program</b> <i>Minor fibre deck reseal work to be revoted.</i>	\$198,392	\$153,073	83	77
<b>RTA 3x3 Program</b> <i>Project involves reconstruction of Lyons Rd / Harrisons Rd intersection. The job has been delayed and additional costs incurred by the discovery of Koori artifacts. The project recommenced in June 2008 and will extend into the new financial year. The job will be completed to budget including both 2007/08 and 2008/09 3x3 budgets.</i>	\$131,000	\$145,422	111	111

Cont'd

## S35 City Services Section Quarterly Operational Report ...(Cont'd)

<b>Blackspots Program</b> <i>Includes RTA funding \$300,000 and R2R funding \$20,000. Scope involves culvert and shoulder widening activities on Bucca Road.</i>	\$330,000	\$330,00	100	100
<b>Bridge Program</b> <i>Coldwater Creek construction has been completed. Ulong Bridge is currently being planned with commencement planned for September 2008. Some delays in girder supply has been experienced.</i>	\$1,434,447	\$619,668	45	43
<b>Nuisance Drainage Program</b> <i>Scope of program has been altered as investigation and design has been completed. Large jobs such as Bent St Coffs harbour, Hastings St Woolgoolga, Angus Mcleod Place Coffs Harbour and Bosworth Rd Woolgoolga were completed.</i>	\$235,265	\$251,210	100	106
<b>Stormwater Management Services Program</b> <i>Scope of program has been altered as investigation and design has been completed. Seventeenth Avenue Sawtell, Graham Drive Sandy Beach, Park Beach Rd Coffs Harbour, Taloumbi Rd Coffs Harbour, Brodie Dr Coffs Harbour and Piped/open Drain maintenance and data collection were completed in 2007/08. Stage 1 of The Boulevard Mullaway was commenced in June 08 and will extend into September 08 and will require a revote. It is recommended that Stage 2 be funded from the 2008/09 budget. Middle Ck litter trap was also completed in July 08 and will require a revote.</i>	\$605,000	\$305,289	50	50
<b>Footpath Construction Program</b> <i>Orlando St Coffs Harbour to be completed in August 08 requiring a revote. Program will be left \$22,400 underspent to cover overestimated resident contributions.</i>	\$270,000	\$200,964	79	74
<b>Cycleway Program</b> <i>Assigned scope completed. Additional scope to be revoted after recent RTA grant funds obtained. Forecast completion in August 2008.</i>	\$477,063	\$142,498	30	30
<b>PAMPS Program 2007/08</b> <i>Additional scope to be revoted after recent RTA grant funds obtained. Forecast completion in August 2008.</i>	\$150,545	\$51,084	30	33
<b>Community Facility Program (excludes CCSLP Fields / Amenities and City Park)</b> <i>Town Improvements at Nana Glen, Sawtell and Coffs Jetty Strip and Woolgoolga.</i>	\$1,476,934	\$613,115	44	45
<i>Nana Glen pool</i>	\$171,786	\$235,440	100	137

Cont'd



## S35 - City Services Section Quarterly Operational Report (Cont'd)

<i>Middle Ck and Coral St bridges</i>	\$937,812	\$935,442	100	100
<i>Jetty Structure Restoration (Additional \$545,000 approx from other funding sources to make up \$1,600,000 project budget)</i>	\$1,054,184	\$41,575	3	4
<b>Hogbin Drive Extension – Stage 2</b> <i>Road opened to traffic 1<sup>st</sup> March 2008. Land acquisition costs to be finalized through the Dept of Lands. Survey of the actual road noise levels due September 2008.</i>	\$17,100,000	\$17,098,325	100	100
<b>Stormwater &amp; Flood Mitigation Program</b> <i>Bakers Road Detention Basin design complete and clay fill for the earthworks is being stockpiled. Contract documents are being written to enable tenders to be called.</i>	\$2,366,465	\$252,389	10	10
<b>Coastal &amp; Estuary Program</b> <i>Park Beach sand nourishment and harbour dredging completed.</i>	\$425,000	\$53,836	100	8
<b>Street Light Installation Program</b> <i>Ongoing negotiations with Country Energy on street lighting capital costs being undertaken.</i>	\$6,000	\$0	0	0
<b>Alliance Contract Water Reclamation Plant</b> <i>Civil concrete construction is nearing completion. Mechanical and Electrical well underway. Total costs include 2005/06 and 2006/07</i>	\$96M	\$52.6M	55	55
<b>Alliance Contract Water Treatment Plant</b> <i>Earthworks completed, design continuing and Civil Construction nearing completion. Net total cost includes for 2005/06 and 2006/07.</i>	\$59mill	\$21.3mill	36	36
<b>Water - New Mains Construction - S64</b> <i>Water main at Moonee north complete, other major water trunk main about to start construction.</i>	\$3,441,693	\$1,104,088	32	32
<b>Water - Regional Water Supply</b> <i>Completion by December 2008. Note: Only for 2007/08.</i>	\$28,640,410	\$17,841,007	62	62
<b>Water - Capital Works (other)</b> <i>Telemetry upgrades are continuing. Service connections down due to lack of building approvals.</i>	\$1,137,113	\$461,918	41	41
<b>Water Mains Renewals</b> <i>Sections completed and designs nearing completion for remainder of work.</i>	\$250,000	\$138,593	55	55
<b>Water Main Extensions</b> <i>One job complete and design for remainder nearing completion.</i>	\$50,000	\$79,090	158	158

Cont'd

## S35 - City Services Section Quarterly Operational Report (Cont'd)

---

<b>Sewer - Capital Works</b> <i>Sewer rehab program continues and CCTV rehabilitation van fitted out. New team in place</i>	\$769,550	\$150,276	20	20
<b>Sewage Pumping Station and Sewer Main Upgrades</b> <i>Minor works completed, designs of major upgrades progressing.</i>	\$869,696	\$124,005	14	14
<b>Reclaimed Water Main Construction</b> <i>Corindi to Arrawarra complete, other designs completed. Coffs Creek to Fishing Club on hold.</i>	\$2,076,420	\$250,021	12	12

### Recommendation:

That the quarterly progress report on works and activities undertaken by the various sections of City Services up to 30 June 2008 be noted.

**Attachments:**

**Work Programs 2007/2008**

**Local Road Reseals 2007/2008**

Road	Location	Length (m)	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Crossmaglen Road	Bakers Road - End	1750	\$25,200	2008/09	2008/09	Deferred		
Camperdown Street	Harbour Drive - Rail Bridge (180x15.5) (434x11.8)	720	\$31,475	10/07	10/07	3/10/07	3/10/07	
Nepean Close	Manning Avenue-A/C	40	\$1,075	2/08	2/08			
Pearce Drive	Griffith Avenue - Kalang Circuit	391	\$14,139	11/07	11/07	20/11/07	20/11/07	
Pearce Drive	50km Sign - 157m	157	\$5,577	11/07	11/07	2/11/07	2/11/07	
Hull Close	Pearce Drive - A/C	124	\$2,897	11/07	11/07	2/11/07	2/11/07	
Kalang Circuit	Pearce Drive - A/C	167	\$3,901	11/07	11/07	20/11/07	20/11/07	
Bolwarra Road	Kalang Circ- Cul-de-sac	52	\$1,498	11/07	11/07	20/11/07	20/11/07	
Griffith Avenue	Lesley Cl - Lyle Campbell Close	264	\$8,617	11/07	11/07	20/11/07	20/11/07	
Long Street	Alexander Street - Francis Street	293	\$5,251	11/07	11/07	16/10/07	16/10/07	
Halls Road	Mt Pleasant Rd - A/C	159	\$5,953	2008/09		Deferred		
Ocean Parade	Rehab Section Seg11Second Coat	278	\$6,227	11/06	11/06	22/11/06	22/11/06	
Lloyd Close	Vera Drive - A/C	171	\$5,089	11/07	11/07	2/11/07	2/11/07	
Richmond Drive	Diggers Beach Road - Macleay Place	323	\$11,014	2/08	2/08	Deferred		
Richmond Drive	Macleay Place - Brunswick Ave	37	\$1,980	2/08	2/08	Deferred		
Richmond Drive	Brunswick Avenue - End	55	\$3,025	2/08	2/08	Deferred		
Coombar Close	Diggers Beach Rd - Cockle Court	88	\$2,816	11/07	11/07	22/11/07	22/11/07	
Coombar Close	Cockle Court - End	120	\$3,840	11/07	11/07	22/11/07	22/11/07	
Clipper Court	Diggers Beach Rd-End	29	\$863	11/07	11/07	22/11/07	22/11/07	
Trader Close	Diggers Beach Rd-End	91	\$2,854	11/07	11/07	22/11/07	22/11/07	
Vera Drive	Mackays Rd - Dutton Cr South	100	\$3,360	2/08	2/08	16/10/07	16/10/07	
Vera Drive	Dutton Crescent South - Nina Cl	101	\$3,620	2/08	2/08	16/10/07	16/10/07	
Vera Drive	Nina Close - Dutton Cr South	246	\$8,817	11/07	11/07	16/11/07	16/11/07	
Vera Drive	Dutton Cr North - Lloyd Close	116	\$4,157	11/07	11/07	2/11/07	2/11/07	
Dutton Crescent	Vera Dr North - Vera Dr South	377	\$14,477	11/07	11/07	16/10/07	2/11/07	
Kotuku Street	West End - Taldra St	120	\$3,533	11/07	11/07	16/10/07	16/10/07	
Kotuku Street	Taldra Street - East	264	\$7,772	10/07	10/07	16/10/07	16/10/07	
Taldra Street	Beryl St - Kotuku St	80	\$3,328	10/07	10/07	16/10/07	16/10/07	
Wingfield Close	Brodie Drive - End	67	\$2,208	10/07	10/07	15/10/07	15/10/07	
Solitary Street	Victoria St - Jarrett St	164	\$2,309	2008/09		Deferred		
Wingara Drive	Frazer Drive - Frazer Drive North	178	\$11,125	2008/09		Deferred		

Road	Location	Length (m)	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Wingara Drive	Cook Drive - Frazer Dr	177	\$11,063	2008/09		Deferred		
Short Street	Bent Street - Victoria St	249	\$3,984	2008/09		Deferred		
Harbour Drive	Curacoa St - North St	153	\$11,261	10/07	10/07	15/10/07	15/10/07	
Mackays Road	Beryl Street - Donn Patterson Drive	95	\$3,344	10/07	10/07	16/10/07	16/10/07	
Mackays Road	Donn Patterson Drive - Finch Crescent	44	\$1,577	2008/09		Deferred		
Mackays Road	Finch Crescent - Aston Close	68	\$2,437	2008/09		Deferred		
Mackays Road	Aston Cr - Vera Dr South	91	\$3,291	2008/09		Deferred		
Island View Close	SH10 to End	220	\$7,181	1/08	1/08	Deferred		
Harbour Drive	Dibbs S - End Split Level	64	\$4,014	Removed Rehab		Deferred		
Gordon Street	St Augustines School - Bonville Street	100	\$2,339	2008/09		Deferred		
Bruxner Park Road	3.225 - 3.617	392	\$7,777	1/08	1/08	29/01/08	29/01/08	
Rippingale Road	Rowsells Road - End	629	\$6,038	1/08	1/08	22/11/07	22/11/07	
Rowsells Road	Rippingale Road - End	309	\$3,164	1/08	1/08			
James Small Drive	Plantain Road - SH10	206	\$4,496	1/08	1/08	22/11/07	22/11/07	
Laurel Street	Links Ave - Parks Drive	106	\$2,730	1/08	1/08	Deferred		
Bellwood Street	Korora Bay Drive - End	47	\$1,958	1/08	1/08	1/02/08	1/02/08	
Korora Bay Drive	Sandy Beach Drive - Links Avenue	125	\$4,000	1/08	1/08	1/02/08	1/02/08	
Korora Bay Drive	Links Ave - Miranda Pl	82	\$2,099	1/08	1/08	1/02/08	1/02/08	
Korora Bay Drive	Miranda Place - Sandy Beach Drive	96	\$2,272	1/08	1/08	1/02/08	1/02/08	
Miranda Place	Korora Bay Drive - End	43	\$1,792	1/08	1/08	1/02/08	1/02/08	
Poynten Drive	Emerald Heights Drive - 300m	300	\$5,952	2/08	2/08	Deferred		
Heritage Drive	Killara Ave-Sharpe Close	260	\$8,486	2/08	2/08	Deferred		
Heritage Drive	Sharpe Cl -Pinehyrst Dr	535	\$10,614	2/08	2/08	Deferred		
Upper Orara Road	Seg 1 589-Island Loop Road North	225	\$4,464	2008/09		Deferred		
Heritage Drive	Pinehyrst Drive-Palm Grove Place	708	\$15,859	2008/09		Deferred		
Heritage Drive	Palm Grove Place - Lyndhurst Close	444	\$10,230	2008/09		Deferred		
Palm Grove Place	Heritage Drive - 223m	223	\$5,138	2008/09		Deferred		
Woolgoolga Creek Rd	690-1040	350	\$6,944	2008/09		Deferred		
Moore Street Wga	Nash Street - A/C	242	\$4,259	2008/09		Deferred		
Newmans Road	Start D/S - End D/S (Part 2) 1752-2620	867	\$17,201	2008/09		Deferred		
Woolgoolga Creek Rd	1497-2427 Second Coat Dust seal	1041	\$18,405	2008/09		Deferred		
Oceanview Crescent	Flagstaff - Fiddaman Road	345	\$6,845	2008/09		Deferred		
First Avenue	Arrawarra Road - End	184	\$2,061	2008/09				
Second Avenue	Arrawarra Rd - Third Ave	264	\$3,886	2008/09		Deferred		

Road	Location	Length (m)	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Third Avenue	Ararawarra Road - Second Avenue	350	\$5,152	2008/09		Deferred		
Old Highway B	SH10 to Eggins Drive	292	\$5,699	2008/09		Deferred		
Graham Drive	SH10 North - Diamond Head Drive	1853	\$40,321	2008/09		Deferred		
Dairyville Road	6752-7487 (Seg 5)	735	\$12,936	2/08	2/08	22/01/08	22/01/08	
Dairyville Road	Seg 6 Bridge - End (7506-7820)	314	\$3,014	2/08	2/08	Deferred		
Mount Browne Road	Seg 3 Rail Bridge - Jaboh Close	420	\$5,779	2008/09		Deferred		
Ulong School Lane	Hutchison Street - End	100	\$1,280	2008/09		Deferred		
Timmsvale Road	Pine Rd - End Dust seal	230	\$3,974	2008/09		Deferred		
Island Loop North	3033-4344 Dingo Creek Rd	1315	\$21,040	2/08	2/08	23/01/08	23/01/08	
Coldwater Creek Rd	Brewers Road-925m	925	\$15,984	2008/09		21/01/08	21/01/08	
Lourne Avenue	Mirroola Cr - End	185	\$7,104	2008/09		Deferred		
Janari Crescent	Lourne Avenue - End	226	\$7,449	2008/09		Deferred		
Vista Close	Newmans Road - End	88	\$2,028	2008/09		Deferred		
Shelton Close	McFadyn Street - End	318	\$9,779	2008/09		Deferred		
Walsh Close	Shelton Close - End	121	\$3,341	2008/09		Deferred		
Tucker Close	East - West	232	\$6,904	2008/09		Deferred		

#### AC Cul de Sacs and Hogbin Dr Extension

Location	Length	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Hogbin Dr Extension	1300	232,176	1/08	2/08	1/08	2/08	
Flinders Avenue	23	\$4,370	9/07	9/07	10/9/07	10/9/07	
Caltowie Place	20	\$3,800	9/07	9/07	10/9/07	10/9/07	
Collison Close	30	\$5,700	2008/09				
Cockle Court (Diggers)	20	\$3,800	9/07	9/07	13/9/07	13/9/07	
Coombar Close (Diggers)	16	\$3,040	9/07	9/07	13/9/07	13/9/07	
Trader Close (Diggers)	16	\$3,040	9/07	9/07	14/9/07	14/9/07	
Clipper Court (Diggers)	18	\$3,420	9/07	9/07	14/9/07	14/9/07	
Langley Close (Diggers)	19	\$3,610	9/07	9/07	13/9/07	13/9/07	
Macleay Place	31	\$5,890	9/07	9/07	13/9/07	13/9/07	
Lloyd Close	31	\$5,890	9/07	9/07	12/9/07	12/9/07	
Narani Close	29	\$5,510	9/07	9/07	12/9/07	12/9/07	
Wingfield Close	31	\$5,890	9/07	9/07	10/9/07	10/9/07	
Kotuku Street North	12	\$2,280	9/07	9/07	12/9/07	12/9/07	
Kotuku Street East	15	\$2,850	9/07	9/07	12/9/07	12/9/07	
Kotuku Street West	16	\$3,040	9/07	9/07	10/9/07	10/9/07	
Island View Close	15	\$2,850	9/07	9/07	14/9/07	14/9/07	
Crescent Street Toormina	20	\$3,800	9/07	9/07	10/9/07	10/9/07	
Shaw Close Toormina	15	\$2,850	9/07	9/07	10/9/07	10/9/07	
Walsh Close	15	\$2,850	9/07	9/07	10/9/07	10/9/07	
Shelton Close	16	\$3,040	9/07	9/07	10/9/07	10/9/07	
<b>Total (Reseals and AC)</b>		<b>\$663,000</b>		<b>Cost to Date</b>			<b>\$ 667,481</b>

**Roads to Recovery Local Road Reseals**

Location		Area	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Combine Street	Dyer Rd- Dark Close	1175	\$48,488	10/07	10/07	4/10/07	15/10/07	\$44,900
Edinburgh Street	Moore St – Collingwood St	472	\$25,053	12/07	12/07	10/12/07	10/12/07	\$25,995
Taloumbi Road	Kane Crescent – Bray Street (W)	589	\$34,289	5/08	5/08	Revote		\$234 Not final cost
Bruxner Park Road	SH10-1.937	1937	\$38,430	1/08	1/08	29/01/08	29/01/08	\$35,124
Gaudrons Road	1.955 km – 3.175 km	1220	\$19,520	1/08	1/08	29/01/08	29/01/08	\$25,233
Emerald Heights Drive	Graham Drive – End	1350	\$32,612	1/08	1/08	3/04/08	3/04/08	\$21,587
<b>Total</b>			<b>\$198,392</b>	<b>Cost to Date</b>				<b>\$153,073</b>

**Local Road Rehabilitation 2007/2008**

Location		Suburb	Length	Budget	Start	Complete	Actual Start	Actual Finish	Final Cost
Pavement Investigation	Various Jobs			\$21,000	1/7/07 to 30/6/08		1/7/07	30/6/08	\$34,667
Clarence Street	SH10-River Street	Woolgoolga	222		Deferred				
Hamilton Drive	Sawtell Road-End	Sawtell	337	\$65,000	2/08	3/08	10/04/08	18/04/08	\$66,140
Grafton Street	Albany Street-Market Street	Coffs Harbour	290		Deferred				
Fraser Drive	Wingara Drive-Wingara Dr-1/2 length	Coffs Harbour	275	\$125,125	6/08	6/08		Revote	\$272 Not final cost
Park Beach Road	Hogbin Drive Nth - Ocean Parade	Coffs Harbour	80	\$71,000	3/08	3/08	6/08	6/08	\$73,048
Headland Road	Beach Road - End	Sapphire	324		Deferred. Major construction required				
Beach Road	Headland Road - End	Sapphire	358						
Lakeside Drive	Beach Road - End	Sapphire	140						
Trafalgar Street	Nightingale-Carrington Street	Woolgoolga	340	\$83,300	3/08	4/08	5/08	Revote	\$2095 Not final cost
Lower Bucca Road	Highway - Old Bucca Road	Bucca	760	\$0	Deferred				
Coral St	SH10 to Red Rock Rd	Corindi	400	\$144,044	11/07 to 6/08			Revote	\$10,413 Not final cost
Glenreagh Street	Harbour Drive RAB - End	Coffs Harbour	253	\$0	Deferred				
Albany Street	Salamander St - Earl Street	Coffs Harbour	193	\$188,914	4/08	5/08	6/08	Revote	\$188,914 Not final cost
High Street	Cul de sac Construction	Woolgoolga	NA	\$51,360	3/08	4/08	6/08	Revote	\$36,858 Not final cost
Beach St	Boundary to Bultitude	Woolgoolga	310	\$230,000	5/08	6/08	5/08	6/08	\$147,875
Lower Bucca Rd	East of McRaes Br	Bucca	160	\$65,714	6/08	6/08	6/08	6/08	\$161,951
Bray St	Taloumbi east to Taloumbi west	Coffs Harbour	216	\$159,900	6/08	7/08	6/08	Revote	\$0 Not final cost
Harbour Dr	Dibbs to Barries St, eastbound	Coffs Harbour	370	\$225,086	6/08	7/08	6/08	Revote	\$35,550 Not final cost
<b>Total</b>				<b>\$1,430,240</b>	<b>Cost to Date</b>				<b>\$739,655</b>

**Local Roads Gravel Resheet Program 2007/2008**

Road	Location	Length (m)	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Red Range Road (Seg 1)	0.84km -2.15km north of Sherwood Creek Rd	2400	\$12,000	4/08	4/08	5/08	6/08	\$7,355
Red Range Road (Seg 2)	4.18km-4.42km north of Sherwood Creek Rd	1400	\$7,000	4/08	4/08	Incl above		
Range Road	Selected Sections	1400	\$7,000	4/08	4/08	5/08	6/08	\$15,514
Moleton Road	Selected Sections	4000	\$20,000	4/08	4/08	9/07	9/07	\$19,829
Sherwood Creek Road	1.37km - 1.53km west of Duffus Road	1000	\$10,000	4/08	4/08	5/08	6/08	\$22,569
Sherwood Creek Road	2.55km - 3.06km west of Duffus Road	3060	\$20,000	4/08	4/08	Incl above		
Bushmans Road	Selected Sections	1500	\$15,000	4/08	4/08	9/07	9/07	\$20,764
Old Coast Road	Selected Sections	1600	\$16,000	2/08	3/08	5/08	6/08	\$18,710
McClellands Road	Bucca Road-Herds Rd	1500	\$10,000	2/08	3/08	5/08	5/08	\$10,494
Gleniffer Road	Selected Sections	3000	\$38,000	4/08	4/08	2/08	2/08	\$35,051
Fridays Creek Road	Selected Sections	3000	\$20,500	4/08	4/08	3/08	3/08	\$18,444
Duffus Road	North Sherwood Creek Rd 0.6 - 1.14	3000	\$15,000	4/08	4/08	Defered		
Johnsons Rd	Carry over					7/07	7/07	\$762
		<b>Total</b>	<b>\$195,500</b>	<b>Cost to Date</b>				<b>\$169,491</b>

**Roads To Recovery Gravel Road Resheet Program**

	Location	Length	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Duffus Road	Sherwood Creek Road - North	1500	\$22,500	4/08	4/08	6/08	6/08	\$15,530
Lovetts Road	Korora Basin Road – End	2800	\$42,000	Deferred				
Camp Creek Road	Bridge – 400m	2000	\$30,000	4/08	4/08	12/07	01/08	\$27,203
Condons Road	Holloways Road – Bitumen	1700	\$25,500	4/08	4/08	6/08	6/08	\$25,380
Upper Bobo Road	Between Seals	2300	\$34,500	4/08	4/08	3/08	3/08	\$33,455
Lower Bobo Road	MR120 – 560m	3370	\$50,500	4/08	4/08	2/08	2/08	\$49,248
Camp Ck Rd	Bridge to 800m	2800	\$42000	1/08	1/08	1/08	1/08	\$27,203
		<b>Total</b>	<b>\$205,000</b>	<b>Cost to Date</b>				<b>\$ 207,921</b>

**2007/2008 Dust Seal Program**

	Location	Length	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Mount Coramba Road	29.6 - 550m	550	\$40,000	12/07	1/08	12/07	1/08	\$26,498
West Korora Road	Gatelys to 436m	436	\$35,316	12/07	1/08	12/07	1/08	\$44,695
Mardells Road	3.05km to 3.61km from Central Bucca Road	560	\$59,684	12/07	1/08	12/07	1/08	\$101,080
Mardells Road	4.163-4.463	300	\$35,000	12/07	1/08	12/07	1/08	Incl above
Carry over costs	2006/07							\$181
		<b>Total</b>	<b>\$170,000</b>	<b>Cost to Date</b>				<b>\$172,454</b>

## 2007/2008 Bridge Program

Bridge Name	Treatment	Cost	Start	Complete	Actual Start	Actual Finish	Final cost
Corindi Ck Br Corindi	Included in Community Facilities Program						
Middle CK Br Sawtell	Included in Community Facilities Program						
Coldwater Creek Nana Glen MR151	Replacement . A report will be submitted to Council in February 08 detailing this project	\$630,000	1/08	6/08	1/08	6/08	\$565,734
Englands Road Coffs Harbour	Replacement deferred to 2008/09. Funds transferred to Corindi Ck	\$226	2008/09		Deferred		\$226
Ulong Creek Ulong MR120	Replacement	\$585,000	1/08	6/08	1/08	Revote	\$53,025 Not final cost
Major Repairs	Major Repairs plus Morrows	\$65,000	6/07	12/07	9/07	6/08	\$69,488
Finlays Bridge Korora	Defer to 2008/09. A report will be submitted to Council in February 08 detailing this project	\$30,082	7/07	2008/09	7/07	Revote	\$6,500 Not final cost
Duffus Bridge Corindi	Replacement planning in progress. A report will be submitted to Council in February 08 detailing this project	\$124,189	7/07	6/09	7/07	Revote	\$25,871 Not final cost
<b>Total</b>		<b>\$1,434,497</b>	<b>Cost to Date</b>				<b>\$619,668</b>

## Drainage Program 2007/2008

### Minor Flooding/Nuisance Drainage Program

Location	Treatment	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Woolgoolga Bosworth Rd	Easement	\$5,265	7/07	6/08	7/08	12/07	\$2125
Coffs Harbour Bent Street	Piping of multiple table drains on footway	\$42,000	12/07	1/08	04/08	5/08	\$116,742
Woolgoolga Hastings Street	Piping of deep table drain outside school	\$27,000	12/07	12/07	6/08	6/08	\$139,221
Woolgoolga Beach Street	Piping of channel scouring private property	\$47,000	11/07	11/07	Deferred	2008/09	\$3387
Emerald Beach Graham Drive	Restoration of heavily scoured channel	\$15,000	12/07	12/07	SMS	Program	\$0
Coffs Harbour Angus McLeod Place	Formation of drainage swale through railway land	\$20,000	1/08	1/08	4/08	4/08	\$9,334
Coffs Harbour Park Beach Road	Reconstruction of failing headwalls	\$32,000	10/07	11/07	SMS	Program	\$0
Coffs Harbour Marcia Street	Improve culvert	\$47,000	4/08	5/08	SMS	Program	-\$92
Carry over Various	Plus design	\$0	7/07	6/08	7/07	6/08	\$5,292
<b>Total</b>		<b>\$235,265</b>	<b>Cost to Date</b>				<b>\$251,210</b>

NOTE: SMS refers to Stormwater Management Services Program



**Stormwater Management Services Program**

Location		Treatment	Cost	Start	Complete	Actual Start	Actual Finish	Final cost
Sawtell	17 <sup>th</sup> Avenue	Piping of open drain within laneway	\$33,000	1/08	2/08	6/08	6/08	\$35,541
Sawtell	Middle Ck	Provision of litter trap at trunk drain outlet approximately 200m upstream of Lyons Road	\$37,000	2/08	2/08	6/08	Revote. Not Final cost.	\$3,487 Not final cost
Mullaway	The Boulevarde	Provision of piped trunk drainage	\$155,000	9/07	10/07	6/08	Revote	\$1,993 Not final cost
Safety Beach	Graham Drive	Scour repair associated with drainage easement	\$29,000	12/07	12/07	2/08	3/08	\$22,611
Coffs Harbour	Macauleys Beach	Stabilisation of drainage outlet to resolve scouring issues	\$41,000	Deferred pending Enviro Grant				\$0
Coffs Harbour	Park Beach Road	Formalisation of headwall to prevent further deterioration and potential damage to road	\$25,000	10/07	11/08	1/08	03/08	\$92,453
Coffs Harbour	Marcia Street	Detention basin to reduce impact of minor rainfall events on Industrial units	\$115,000	4/08	5/08	08/09	Defer	\$0
Coffs Harbour	Taloumbi Road	Additional inlet pits and piped drainage	\$6,000	11/07	11/07	1/08	2/08	\$6,763
Coffs Harbour, Sawtell, Woolgoolga	Pipe Drainage Maintenance	Ongoing cleaning and maintenance of drainage infrastructure above existing maintenance levels	\$32,000	1/08	6/08	1/08	6/08	\$29,085
Coffs Harbour, Sawtell, Woolgoolga	Open Drain Maintenance	Ongoing cleaning and maintenance of drainage infrastructure above existing maintenance levels	\$23,000	1/08	6/08	1/08	6/08	\$22,952
Coffs Harbour, Sawtell, Woolgoolga & Northern Beaches	Drainage data, condition assessment and formulation of work programs	Collection and collation	\$50,000	7/07	6/08	7/07	6/08	\$31,018
Coffs Harbour	Brodie Drive	Prevent sheet flow from Hogbin Drive Road corridor	\$59,000	7/07	2/08	7/07	2/08	\$58,428
<b>Stormwater Management Services Total</b>			<b>\$630,000</b>	<b>Cost to Date</b>			<b>\$305,285</b>	

**2007/2008 Stormwater & Flood Mitigation Program**

	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Coffs Creek Flood Mitigation - CBD Improvements	\$100,000	4/08	4/09			
Bakers Road Detention Basin	\$1,732,465	3/07	12/08	3/07		252,389
Upper Shephards Lane Detention Basin (Stage 1)	\$410,000	2009	2011			
Orara River Flood Study (Stage 1)	\$50,000	5/08	5/09			
Woolgoolga Creek Flood Study (Stage 1)	\$74,000	5/08	5/09			
<b>Total</b>	<b>\$2,366,465</b>	<b>Cost to Date</b>			<b>\$252,389</b>	

**2007/2008 Coastal & Estuary Program**

2007/2008 Coastal & Estuary Program	Estimated Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Harbour Dredging/Park Beach renourishment	\$350,000	2/08	2/08	2/08	2/08	\$412,000
Boambee/Newports Creek EMP**	\$25,000	3/08	4/09			\$0
Review Woolgoolga Creek / Lake EMP (Stage 1)	\$50,000	5/08	5/09			\$0
<b>Total</b>	<b>\$425,000</b>	<b>Cost to Date</b>				<b>\$5,502</b>

\*\* Funded from Environmental Levy Program

**2007/2008 Footpath Construction Program**

Suburb	Location	Work Description	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
<b>2007/2008</b>								
Coffs Harbour	Orlando St	SH10 to Secomb	\$28,600	5/08	5/08	6/08	Revote	\$0 Not final cost
Coffs Harbour	Donn Patterson Dr	Griffith Road to Shephards Lane	\$19,707	6/08	6/08	2008/09	Revote	\$0 Not final cost
Woolgoolga	Queen St	Market St to Queen St	\$34,264	4/08	4/08	4/08	5/08	\$34,264
Sawt / Toor / Boambee	Toormina Road (east), Dews Avenue to Bayldon Community Centre	Install 1.2m wide foot paving, 400m	\$71,360	12/07	2/08	12/07	2/08	\$71,360
Sawt / Toor / Boambee	Amaroo/Euengella Street (west/north), Childrens Crossing to Nariah Crescent	Install 1.2m wide foot paving, 370m	\$53,447	9/07	10/07	9/07	10/07	\$53,447
Coffs Harbour	Cornish Street	Thompsons Road to Fleming Cl	\$0	Deferred				
Coffs Harbour	Joyce Street (east), Beryl Street to Tyalla Public School	Install 2m wide foot paving, 600m	\$0	Deferred				
Sandy Beach	Graham Drive (east), Johnsons Road to Diamond Head Drive	Install 1.2m wide foot paving, 450m	\$0	Deferred				
Saw / Toor / Boam	Cavanba Road (east), from Eungella Street to Jeffress Place	Install 1.2m wide foot paving, 200m	\$0	Deferred				
Coffs Harbour	Gordon Street (east), Raleigh Street to Bonville Street	Install 1.2m wide foot paving, 250m	\$0	Deferred				
Coffs Harbour	Francis/Gundagai/Scarba Street (north), Francis Street to Murdock St	Install 1.2m wide foot paving, 400m	\$0	Deferred				
Toormina	Linden Ave	Sandpiper to Shopping centre	\$7,498	10/07	10/07	10/07	11/07	\$7,498
Sawtell	First Ave	Paving and footpaths	\$32,824	4/08	6/08	4/08	6/08	\$32,824
Carry overs	2006/07		\$0	7/07	7/07	7/07	7/07	\$1,573

Suburb	Location	Work Description	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Unfunded	Resident Contributions	Budget assumes footpath jobs are adjacent to residential blocks and thus factors in contributions	\$22,300					
<b>Total</b>			<b>\$270,000</b>		<b>Cost to Date</b>			<b>\$200,964</b>

#### 2007/2008 Cycleway Program

Location	Road	Description	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Arararra / Woolgoolga	Safety Beach	Golf Course Fence	\$45,831	1/08	2/08	1/08	2/08	\$30,691
Coffs Harbour, SH10	Hurley Dr to Cook Dr	Cook Drive Intersection	\$28,048	11/07	3/08	11/07	Deferred due to intersection redesign	\$2,259
Lyons Road	McFaden to Toormina Rd	RTA approval gained in June08	\$100,000	7/08 to 8/08		7/08	8/08	\$0 Not final cost
Northern Beaches	Wharf St to Nightingale / High St	2m cycleway and 3 creek crossings	\$250,000	2/08	4/08	2/08	3/08	\$109,548
<b>Total</b>			<b>\$477,063</b>	<b>Cost to Date</b>				<b>\$142,498</b>

#### 2007/2008 PAMP Projects

Suburb	Location	Work Description	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Sawtell	Ramp to Bus Stop	2004/05 Revote	\$3928	12/07	12/7	12/07	12/07	\$4,690
Various	Various	2006/07 Revotes	\$46,617	7/07	6/08	7/07	Revote	\$24,755
Coffs Harbour	Arthur St at Park Beach Plaza Entrance roads	Pedestrian Refuge islands	\$30,000	3/07	4/07	6/08	Revote	\$8563 Not final cost
Sandy Beach	Adjacent to Sandy Beach School	Kerb and gutter with access ramps	\$20,000	12/07	12/07	10/12/07	14/12/07	\$19,261
Various locations	From Priority list in rolling works program.	Kerb ramps	\$10,000	1/07	4/07	7/07	6/08	\$1,115
Coffs Harbour	Albany / Salamander	Intersection blisters and median	\$40,000	6/08	6/08	8/08		
<b>Total</b>			<b>\$150,545</b>	<b>Cost to Date</b>				<b>\$ 51,084</b>

#### 2007/2008 Street Light Installation Program

Suburb	Location	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Korora	Norman Hill Drive	\$2,000	3/08	7/08			
Sandy Beach	Sandy Beach Drive (2 locations)	\$2,000	3/08	7/08			
Toormina	Minorie Drive	\$2,000	3/08	7/08			
<b>Total</b>		<b>\$6,000</b>	<b>Cost to Date</b>				<b>\$0</b>

**2007/2008 Community Facilities Program**

<b>Location</b>	<b>Road</b>	<b>Cost</b>	<b>Start</b>	<b>Complete</b>	<b>Actual Start</b>	<b>Actual Finish</b>	<b>Final Cost</b>	
Hogbin drive	Harbour Drive to Orlando St	\$17,100,000	1/4/06	22/12/07	1/4/06	29/2/08	\$17,098,325	
City Park	Brelsford Park	\$2,700,000					\$10,545 Not final cost	
Nana Glen	Town Improvements	\$331,805	5/08	7/08	5/07	Revote	\$313,309 Not final cost	
Nana Glen	Pool	\$171,786	6/07	12/07	6/07	12/07	\$235,440	
Woolgoolga	River St Improvements, Market St Footpath	\$396,311	3/08	5/08	3/08	Revote	\$5091 Not final cost	
Sawtell Headland	Toilet, fence, path road and car park	\$379,754	12/07	6/08	12/07	Revote.	\$129,121 Not final cost	
Sawtell	Town Improvements	\$293,947	3/08	6/08			\$12,657	
Coffs Harbour	Jetty Strip Improvements	\$75117	7/07	9/07	7/07	2/08	\$47,204	
Coffs Harbour	Jetty Structure Restoration	\$1054182	4/08	6/08	07/07	Revote.	\$41,575 Not final cost	
Sawtell	Middle Ck Bridge Repl.	\$37526	4/06	7/07	4/06	7/07	\$265,042	
Corindi	Coral St Bridge Repl.	\$527,702	2/07	6/07	7/07	11/07	\$670,400	
<b>Total</b>		<b>\$23,065,857</b>	<b>Cost to Date</b>				<b>\$18,828,709</b>	

**Water & Sewer**

	Estimated Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
<b>Water - New Mains Construction - S64:</b>	\$3,441,693					
Moonee Beach North Trunk Main - Stage 1	\$40,000	11/07	12/07	11/07	12/07	\$38,000
Trunk Water Mains, Sapphire to Moonee		02/08		2/08		ongoing
<b>Water - Regional Water Supply (Shannon Dam)</b>	\$24,640,500	7/07	6/08			\$17,841,007
<b>Water - Capital Works:</b>	\$1,085,400					
Casuarina Lane Causeway Stabilisation Works	\$40,000	2/08				ongoing
Casuarina Lane Fishway	\$18,000	12/07				ongoing
Reservoir Painting and Maintenance Program	\$783,800	7/07				ongoing
Telemetry Upgrade	\$243,600	7/07				ongoing
<b>Water Main Renewals:</b>	\$250,000					
Bay Dr - New pipework in Bay Dr to Resort via footbridge	\$37,000	4/08				ongoing
Bay Dr - Resort Dr to existing 150 main	\$75,000	4/08				ongoing
Links Ave - Norman Hill Dr to Kotora CI 375m of 225mm	\$83,000		5/08			
Corindi Beach bridge replacement	\$34,000	4/07	5/07	10/07	11/07	\$33,400
<b>Water Main Extensions:</b>	\$50,000					
Meadow View to Oscar Ramsey 100mm of 220m	\$30,000	6/08				ongoing
Jordan Esplanade extend exist. & connect 50mm service to Boat Ramp	\$20,000	9/07	9/07	9/07	9/07	\$21,325
<b>Sewer - Capital Works:</b>	\$848,250					
Telemetry Switchboard and SCADA Upgrade Program	\$78,700	7/07				ongoing
Sewer Rehabilitation	\$769,550	7/07				ongoing
<b>Sewage Pump Station and Sewer Main Upgrades:</b>	\$1,090,000					
Storage Well For PS 7 Arthur St - (include with SPS 17 upgrade)	\$265,000	deferred				
San Francisco Ave PS 17 (new) & sewer main to close PS 16	To be costed	deferred				
Renew existing 150 dia DI SRM 3 crossing Coffs Ck bridge	\$40,000	2/08	05/08			\$38,560
<b>Reclaimed Water Main Construction:</b>	\$2,076,420					
Corindi to Arrawarra Reclaimed Pipeline	\$800,000	3/07	5/07	8/07	10/07	\$467,000
Coffs Creek Bridge to Fishing Club - Jordan Esplanade	\$600,000	deferred				
Hogbin Dr to Botanic Gardens via Salamander & North St	\$230,000	5/08				ongoing
North St to Brelsford Park via Harbour Dr	\$30,000	5/08				ongoing
<b>Total</b>	<b>\$33,482,263</b>					<b>Cost to Date</b> <b>\$559,725</b>

---

## S36 HEAVY VEHICLES ON LOCAL ROADS

---

### **Purpose:**

To report to Council on matters relating to the use of heavy vehicles within the Local Government Area (LGA) and the progress of the Mid North Coast Weight of Loads Group in enforcing weight restrictions.

### **Description of Item:**

It has been recognised that heavy vehicles contribute to the majority of road damage incurred to Australia's road network, and as such, road authorities struggle between maintaining a balance between minimising damage incurred to the road network and ensuring unimpeded access for transportation and economic development.

The use of Council's local road network by heavy vehicles is limited to those roads where access to make a delivery or pickup is required. Most local roads will only experience heavy vehicles in the form of the local bus service or weekly garbage truck. For those local roads where it is anticipated that there will be a high usage of heavy vehicles, the road pavement is designed and constructed to accommodate additional loads, for example industrial estates. Some local roads provide access to industries such as quarries, timber mills and landscape supplies where historically the pavement is the original pavement and as such requires additional maintenance.

The Roads and Traffic Authority has classified all vehicles as being either "general access" or "restricted access". General access vehicles are those vehicles that conform to standard weight, size and axle configurations. General access vehicles are able to use all roads provided they meet local weight and size restrictions eg. bridge load limits and tight road alignments.

Restricted access vehicles are those vehicles which do not comply with the general access requirements and require a combination of permits and designated routes to utilize the road network within NSW, for example: B-Doubles, oversized and overloaded vehicles, road-trains etc.

An RTA publication titled, "National Heavy Vehicle Reform, Vehicle Operations, Heavy Vehicle Mass Loading and Access" outlines the requirements for heavy vehicles and is available on the RTA web site. A document titled "*The Effects of Overloading on Road Assets*" prepared for the Mid North Weight of Loads Group is available in the Councillors Room.

Concern is raised for both the longevity of the pavement and the safety of road users when heavy vehicles are overloaded. An overloaded smaller vehicle can create the same or greater amount of stress and strain within a pavement as a correctly loaded larger vehicle. This is because additional axles and tyres on a larger vehicle will distribute the load more evenly across the surface of the pavement. For example, a 10% increase in axle load (ie 110% or 1.1) will increase pavement wear by 1.1 to the fourth power (ie a factor of 1.46).

In July of 2005 Council joined the Mid North Weight of Loads Group. There are five Weight of Loads Groups within NSW that encompass 56 Councils. There are 16 member Councils within the Mid North Weight of Loads Group. This Group is co-ordinated and administered by Gloucester Shire Council. Each Council contributes a membership fee to enable the employment of four Weight of Loads officers to patrol each Council's local road network and enforce weight limitations for heavy vehicles. Depending on the severity of the offence, Weight of Loads officers will fine and make recommendations for prosecution for vehicles they determine to be overloaded.

**Cont'd**

## S36 - Heavy Vehicles on Local Roads (Cont'd)

---

The methodology by which the inspectors undertake their inspections is a combination of planned time spent in each member Council Local Government Area as well as liaising with the staff of each member Council to assist with target areas or problems. For instance, Tamworth being a large regional centre with numerous state highways has a need for the Weight of Loads inspectors during times of harvesting and stock sales to police vehicle mass limits.

To date Council has seen the following activity by the Weight of Loads Group in the Coffs Harbour Local Government Area:

Financial Year	Vehicles Stopped	Total Breaches	Total Cautioned	RTA Roads	Local Roads	Weighed
05/06	146	16	4	75	71	40
06/07	131	8	2	79	52	43
07/08	177	17	0	79	61	47

Further detail regarding the figures above, can be found within the attachments section.

### Sustainability Assessment:

- **Environment**

Correctly loaded vehicles reduce the likelihood of damage to the local road network, bearing in mind that there are other factors such as the amount of traffic and weather that compound pavement deterioration. A deteriorating road pavement can potentially lead to additional road material being washed into surrounding waterways. Preventing pavement deterioration reduces the demand on finite resources such as bitumen and aggregate.

- **Social**

The utilisation of the Weight of Loads officers within the Coffs Harbour LGA has encouraged drivers not to overload their vehicles. This hopefully ensures that drivers will operate heavy vehicles within the safe working limits and capabilities of their vehicles. Correctly loaded vehicles will have shorter stopping distances, better control and maneuverability, and better integration with traffic.

- **Economic**

#### Broader Economic Implications

Council has 802km of road of approximately \$380 million in replacement value. When you factor in that most road pavements have a design life of 40 years, this equates to 20km of road that need reconstruction or rehabilitation each year, ie. approximately \$19 million in capital works alone. This is a rough calculation, however is indicative of Council's possible liabilities.

This potential financial burden on Council is kept in check by current road management and maintenance practices, such as utilizing the Weight of Loads Group and ensuring pavements have watertight surfaces through reseal works, essentially extending the effective life of a road.

**Cont'd**

**Management Plan Implications**

The cost to engage the services of the Mid North Weight of Loads Group (\$14,743) is borne out of the operational allocation for Urban Road Maintenance. Through this service Council may potentially save tens of thousands of dollars in pavement damage and subsequent demand on the management plan.

Fees are worked out according to:

- a) A base rate for all member Councils - \$5,000.
- b) km of sealed road network.
- c) Overall expenditure on sealed roads.

**Consultation:**

The Mid North Weight of Loads Group was consulted with to provide the statistics of activities of enforcement officers within the Coffs Harbour LGA.

**Statutory Requirements:**

The Mid North Weight of Loads Group operates on behalf of each Council under the Road Transport (General) Act 2005.

**Issues:**

The placement of weight restrictions on local roads for general access heavy vehicles can only be achieved where there is a viable alternate route for heavy vehicles to use to pass through a particular area. The process for placing weight restrictions is administered by the Local Traffic Committee, who consults with local industry and who also seeks the concurrence of the RTA.

Council's local road network is limited in that there are very few alternate routes between areas, for example: Bucca Road and Coramba Road between the Pacific Highway and Nana Glen, Hogbin Drive and Pacific Highway between Coffs Harbour and Sawtell.

**Recommendation:**

**That Council notes the activities of the Mid North Weight of Loads Group within the 06/07 & 07/08 financial years.**



**Attachments:**

**Breaches incurred within the Coffs Harbour LGA during the 05/06 Financial Year**

<b>Breach Date</b>	<b>Tonnes Overloaded</b>	<b>Percentage Overloaded</b>	<b>Load</b>	<b>Fine</b>	<b>Fine or Prosecution</b>
19/9/05	0.86	17.5%	Bananas	\$225	Fine
18/10/05	1.85	20.5%	Timber		Prosecution
22/11/05	0.8	18%	Scaffolding	\$725	Fine
22/11/05	3.45	8.1%	Logs	\$725	Fine
1/11/05	2.05	23%	Gravel		Prosecution
17/1/06	1.6	17.7	Soil	\$725	Fine
24/1/06	2.7	16	Gravel	\$725	Fine
27/3/06	0.95	10.55%	Cattle	\$725	Fine
28/3/06	Exceeded Bridge Load Limit		Beer	\$175	Fine
4/4/06	1.15	20%	Rock	\$725	Fine
4/4/06	1.15	15%	Beer	\$725	Fine
19/4/06	0.75	12.5%	Sand	\$725	Fine
20/4/06	1.3	7.8%	Road Base	\$725	Fine
9/5/06	1.1	6.6%	Logs	\$725	Fine
9/5/06	1.04	6.3%	Road Base	\$725	Fine
23/5/06	0.65	10.8%	Fuel	\$725	Fine

**Summary of Weight of Loads Activities within Member Councils 05/06**

<b>COUNCIL</b>	<b>Vehicles Stopped</b>	<b>Total Breaches</b>	<b>Total Cautioned</b>	<b>RTA Roads</b>	<b>CHCC Roads</b>	<b>Weighed</b>
Armidale / Dumaresq	75	6	0	33	42	35
Bellingen	90	4	0	51	39	57
Coffs Harbour	146	16	4	75	71	40
Dungog	94	4	0	47	47	37
Gloucester	107	6	3	68	39	63
Great Lakes	164	9	1	99	65	11
Guyra	68	6	0	40	28	70
Hastings	164	11	6	91	73	56
Kempsey	134	9	2	81	53	34
Nambucca	85	6	0	45	40	82
Liverpool Plains	184	14	2	114	70	60
Upper Hunter	170	14	9	83	87	167
Tamworth Regional	379	30	12	176	203	89
Taree	200	15	2	105	95	26
Uralla	77	5	0	43	34	49
Walcha	100	1	2	58	42	0
<b>TOTAL</b>	<b>2237</b>	<b>156</b>	<b>43</b>	<b>1209</b>	<b>1028</b>	<b>876</b>

### Breaches incurred within the Coffs Harbour LGA during the 06/07 Financial Year

Breach Date	Tonnes Overloaded	Percentage Overloaded	Load	Fine	Fine or Prosecution
18/7/06	1.35	1.35%	SOIL	\$725	Fine
23/8/06	1.40	35%	BUILDING MATERIAL		Prosecution
14/11/06	0.35	5.8%	ROAD BASE	\$308	Fine
22/11/06	1.55	9%	GRAVEL	\$743	Fine
16/01/07	0.36	6.6%	CONCRETE BLOCKS	\$743	Fine
21/05/07	0.65	7.2%	STEEL	\$743	Fine
21/05/07	0.8	13.3%	SOIL	\$743	Fine
6/02/07	0.4	2.42%	LOGS	\$743	Fine

### Summary of Weight of Loads Activities within Member Councils 06/07

COUNCIL	Vehicles Stopped	Total Breaches	Total Cautioned	RTA Roads	Local Roads	Weighed
Armidale / Dumaresq	58	1	3	28	30	20
Bellingen	84	6	1	60	24	28
Coffs Harbour	131	8	2	79	52	43
Dungog	84	0	2	46	38	35
Gloucester	83	9	2	44	39	34
Great Lakes	156	6	2	95	60	55
Guyra	47	3	2	24	23	15
Hastings	178	14	3	96	82	64
Kempsey	152	3	3	98	54	55
Nambucca	70	9	0	41	29	26
Liverpool Plains	105	5	0	64	42	35
Upper Hunter	110	6	1	53	57	46
Tamworth Regional	315	10	1	169	146	85
Taree	190	7	1	112	79	63
Uralla	70	1	0	40	30	19
Walcha	85	4	2	56	29	36
<b>TOTAL</b>	<b>1918</b>	<b>92</b>	<b>25</b>	<b>1105</b>	<b>814</b>	<b>659</b>

### Breaches incurred within the Coffs Harbour LGA during the 07/08 Financial Year

Breach Date	Percentage Overloaded	Tonnes Overloaded	Load	Fine	Fine or Prosecution
20/11/07	1.15%	12	SOIL	\$768	Fine
11/09/07	0.40%	6.25	SOIL	\$768	
11/09/07	1.34%	23	FURNITURE		Prosecution
22/10/07	0.20%	3.6	ROAD BASE	\$318	Fine
12/11/07	33.50%	413	TIMBER	\$185	Fine
19/02/08	0.90%	5.4	WATER	\$768	Fine
12/03/08			ROAD BASE	\$185	Fine
12/03/08	2.10%	35	BOTTLE WATER		Prosecution
27/03/08			GENERAL	\$185	Fine
27/03/08	1.25%	19	SAND	\$768	Fine
22/04/08	1.80%	17.3	POTTING MIX	\$768	Fine
13/05/08	0.30%	1.5	LOGS	\$318	Fine
13/05/08	1.30%	29	SAND		Prosecution
14/05/08	0.75%	5	STEEL	\$318	Fine
27/05/08	0.15%	2.5	GRAVEL	\$318	Fine
11/06/08			CONCRETE	\$185	Fine

### Summary of Weight of Loads Activities within Member Councils 07/08

COUNCIL	Vehicles Stopped	Total Breaches	Total Cautioned	RTA Roads	Local Roads	Weighed
Armidale / Dumaresq	62	0	0	21	20	26
Bellingen	111	0	1	56	35	34
Coffs Harbour	177	17	0	79	61	47
Dungog	75	5	0	22	27	33
Gloucester	117	18	1	40	41	43
Great Lakes	190	6	2	103	41	61
Guyra	34	2	0	16	13	11
Hastings	180	7	0	79	62	53
Kempsey	152	14	1	84	36	49
Nambucca	0	0	0	0	0	0
Liverpool Plains	100	1	0	35	45	26
Upper Hunter	103	10	1	37	34	36
Tamworth Regional	311	24	0	137	94	106
Taree	196	11	0	93	63	56
Uralla	66	0	0	42	17	14
Walcha	103	3	0	51	31	29
<b>TOTAL</b>	<b>1977</b>	<b>118</b>	<b>6</b>	<b>895</b>	<b>620</b>	<b>624</b>

---

## **S37 LOAD LIMIT TO KELLETS BRIDGE, SOUTH ISLAND LOOP ROAD, UPPER ORARA**

---

### **Purpose:**

To report to Council the recommendations from independent load testing undertaken on Kellets Bridge, South Island Loop Road, Upper Orara and to recommend that Council confirm the 8 tonne limit placed in accordance with the test report recommendations.

### **Description of Item:**

Council staff undertake routine testing of timber bridges to determine deterioration rates and span deflection ratios to give an indication of the bridge condition and deck strengths. These visual inspections and load tests do not however provide an accurate means of determining the actual load carrying capacity of the bridge.

Following routine testing, Kellets Bridge was tested in June 2008 by Integrity Testing to determine the structural adequacy of the bridge. The following restrictions were recommended from the report:

- That an 8 tonne GVM load limit be applied.

In the interest of safety, signs were erected on 11 August 2008 advising of these restrictions.

### **Sustainability Assessment:**

- **Environment**

The load limit on Kellets Bridge is unlikely to have any significant environmental impact. Any repair or replacement works will be carried out in accordance with REF or Part V assessment recommendations.

- **Social**

The majority of vehicles frequently using Kellets Bridge will not be affected by this load limit. However, the parties that will be affected will still access via an alternate route along North Island Loop Road. This alternate route will add approximately 3kms - 5kms depending on the property.

- **Economic**

#### **Broader Economic Implications**

Some local cattle farmers, milk delivery and bus services are affected by the weight restrictions, however due to the available alternate route, it is unlikely that businesses will be significantly affected.

#### **Management Plan Implications**

The structural testing report concludes:

*The bridge had numerous defects with all the timber elements.*

**Cont'd**

*Due to the high cost of the repairs and high cost of maintenance it may be cost effective to build a new bridge rather than go into extensive repairs.*

The report from Integrity Testing Pty Ltd indicates that the majority of the sub-structure timber elements within the bridge are in need of repair/replacement. Strengthening works to remove the 8T load limit for the bridge is estimated to be in the order of \$80,000 - \$100,000.

Kellets Bridge is currently in Council's Bridge Replacement Program, and is programmed to be replaced in 2012/13 with a total budget of \$415,000. Over the next 2 months the rest of Council's timber bridge stock will be inspected and possibly a number of bridges will require a structural test depending on their condition. Possibly there are other bridges that will need more urgent attention than Kellets Bridge and until the priorities are known the repairs to Kellets Bridge cannot be scheduled. Council will be advised as to what action will be taken to either repair or replace the bridge when the condition of the rest of the bridge stock has been assessed.

Kellets Bridge replacement will now be reassessed within the Bridge Replacement Program.

**Consultation:**

Kellets Bridge services approximately 30 properties with the residents being advised through a letterbox drop and direct contact has been made with commercial operators, emergency services, bus companies etc. regarding the imposed load limit.

**Statutory Requirements:**

Council is responsible for maintaining bridges in a safe and traffickable condition. Where load limits and bridge closures are required to meet this obligation the Roads Act 1993, Section 115, gives Council, as the roads authority, the power to protect a public road from serious damage and impose weight restrictions on roads and bridges.

**Implementation Date / Priority:**

Load limits and other advisory signs have already been placed on Kellets Bridge as recommended by the consultant.

**Recommendation:**

**That Council confirms the placement of an 8 tonne maximum GVM load a limit on Kellets Bridge, South Island Loop Road, Upper Orara.**

**Jason R Gordon  
Director of City Services**

Attachment



