

Mending the Mistakes of the Past: Retrofitting the Challenges and the Costs

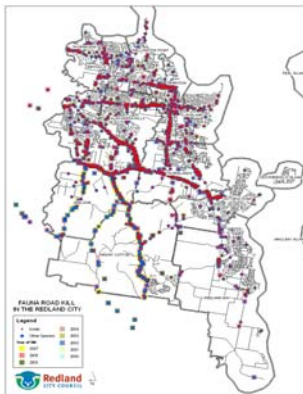
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1. Context

Premier's Koala Taskforce



Vehicle Strike



Koala Coast: an island



Redlands Aerial Image 2008



Redlands Rural & Urban Habitat



Purpose Built Structure



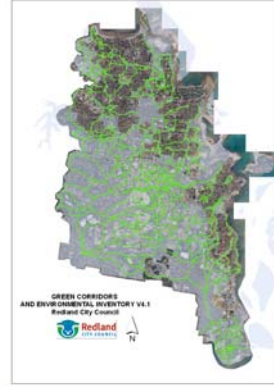
2. Method RCC's Green Infrastructure Mapping



RCC's Controlled Land



Habitat Protection: Planning Scheme



Koala State Planning Regulatory Provisions (SPRPs)



Main Roads



Crossing Points



Ideal Model



Size



Large



Small

Water



Wet



Dry

Approach - Topography

Good



Bad



Approach - Vegetation

Poor Open



Poor Weedy



Floor Surface

Better



Poor



Fencing

Good



Fencing

Poor



Furniture

Rail



Benching



Ground Truthing



Ground Truthing

ID	NAME	ROAD	HYDROLOGY	COMMENTS	
2	788	N	old cleveland road	maintain current state	Tingaja Creek. East side bit of weed work and some more gums on either
3	100	Y	old cleveland road	maintain current state	main link on east side. needs to get east west connection across creek.
4	488	Y	brisdale road	maintain current state	actually Old Cleveland Road East move to north 50m no underpass, surfac
5	243	Y	brisdale road	no photo	actually Old Cleveland Road East. Large box culvert onto private land to w
6	244	N	brisdale road	no photo	added number 800 on site visit, north of marker 243 - surface treatment nee
7	184	N	brisdale road	keep dry	large series box culverts, wet, potential fauna crossing with bank treatment
8	88	Y	brisdale road	maintain current state	not viable as underpass 600mm diameter culvert, wet apron, recommend i
9	88	N	old cleveland road	maintain current state	Valentia Park issues - deep underground tunnel - dual size - pedestrian ana
10	153	Y	frucane road	no photo	just east of Alex Hills pub. potential for overpass/glider poles. Issues - por
11	103	N	frucane road	no photo	good potential site. no infrastructure, good for glider poles. No
12	716	N	frucane road	no photo	very good to excellent. Weed issues, needs vegetation works and fauna h
13	768	N	frucane road	maintain current state	very good to excellent. Weed issues, needs vegetation works and fauna h
14	276	N	moreton bay road	keep dry	bridge structure excellent underpass minor tidy up and planting and some r
15	103	Y	moreton bay road	keep dry	large box culvert structure dry excellent underpass tidy up planting
16	244	N	moreton bay road	maintain current state	large bridge excellent underpass minor tidy up
17	483	Y	moreton bay road	maintain current state	large bridge excellent underpass minor tidy up - additional gum planting
18	292	Y	capalaba redland bay road	no photo	4x 1500mm box culvert - all wet - needs furniture, entry, weed manager
19	888	N	capalaba redland bay road	maintain current state	small culvert, under construction, good for small fauna
20	888	N	capalaba redland bay road	no photo	small culvert, under construction, good for small critters
21	788	N	capalaba redland bay road	no photo	this point needs to be added to map
22	788	N	capalaba redland bay road	no photo	this point needs to be added to map
23	888	N	capalaba redland bay road	wet under flow	large culvert structure along existing concrete drainage line. Lower wet cell
24	883	Y	duncan road	potential dry cell	walkway scalls, series of cells from wet to dry, excellent potential for benche
25	772	N	boundary road	no photo	this point needs to be added to map
26	501	N	boundary road	keep dry	pole hair tubes - check who is doing research here, barbed wire fence on s
27	888	N	boundary road	keep dry	weeding (springhare diary), pole hair tubes and Elliot traps in place, furnitur
28	772	N	boundary road	no photo	this point needs to be added to map
29	501	N	mt cotton road	maintain current state	2x 600mm pipes, both aprons wet, needs weed management, fences both

Cost Estimates

Revegetation	\$15,000
Weed Management	\$10,000
Fencing	\$15,000
Furniture	\$10,000
Construction	\$200,000
Total	\$250,000

Ranking - High Priority



Ranking - Medium Priority



3. Findings and Discussion

Variability



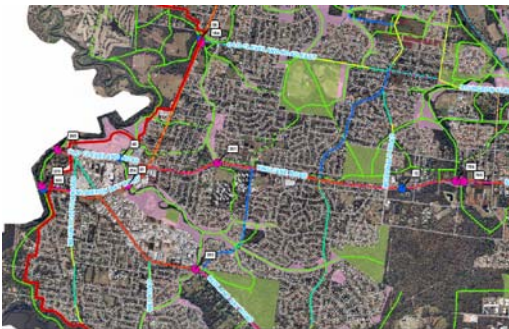
Variability



Disappointments



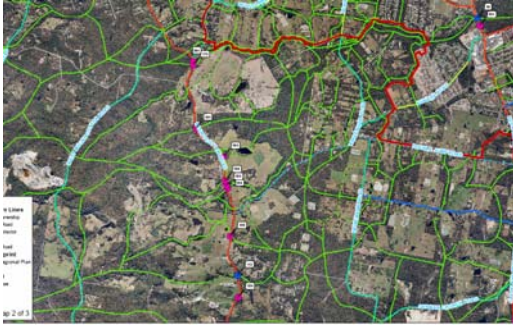
Disappointments



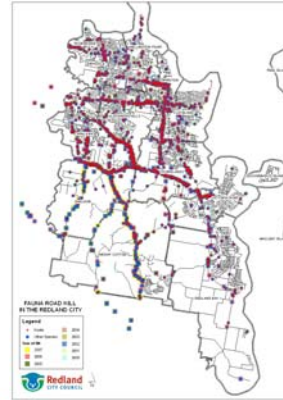
Surprises



Surprises



The Importance of Fencing



The Importance of Vegetation Management



What we did well

- Imagery, spread sheet/database
- Timeframe accomplishment
- Simple catalogue

What we did poorly

- Lack of GPS

4. Future Work with Main Roads



Queensland Rail



Local Roads



What can you do?



Redland City Council
Survey and report of potential
fauna crossing points of
main roads in Redland City
2008-2009



4. Finally...



www.blogs.abc.net.au/2008/08/04/bligh_2.jpg

