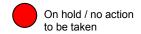
Attachment to Item 7.1

Traffic Management Committee Meeting 5 April 2011

List of Outstanding Actions/Works/Requests of the Traffic Management Committee

Date of the TMC meeting	Item No	Committee Recommendation	Responsible Officer	Priority	Status	Planned completion date	%	Comments
15-Jun-09	7.6.	Car Parking strategy That the City of Nedlands "Draft" Car Parking Strategy – January 2009, be received by the Committee for further discussion at a later meeting.	Luke Marsden	2		Ongoing	50%	To be addressed/reviewed in accordance with review of parking and parking facilities local law. Administration to organise a strategic planning workshop including all councillors, directors, and traffic management committee members workshop to be undertaken in April 2011 to address traffic and hot spots towards this strategic plan.
18 May 2010	7.4	Smyth Road Traffic Blister Island between Karella Street and Monash Avenue, Nedlands That this item lay on table for additional information regarding the planning application for the traffic calming device and pedestrian refuge in relation to existing traffic calming devices on Monash Avenue and Smyth Road.	Wayne Mo	3		On Hold		On hold.
18 May 2010	7.7	Review of Parking and Parking Facilities Local Law Committee recommends that	Luke Marsden	1		August 2011 (Depending on Community	80%	Council approved at 14 December 2010 meeting to undertake community







High priority

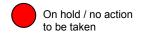
2 – Medium priority

Low priority COM- Completed

BCR - Benefit Cost Ratio

TRIM Ref: M09/19905

Date of the TMC meeting	Item No	Committee Recommendation	Responsible Officer	Priority	Status	Planned completion date	%	Comments
		a) repeal the current parking and parking facilities local law in accordance with the statutory requirements 3.16(1) and 3.16(4) of the Local Government Act 1995; and b) instructs Administration to draft a new "Parking and Parking Facilities Local Law" in accordance with the Department Local Government guidelines.				Consultation and Council Approval)		consultation on the proposed parking and parking facilities local law. Consultation has commenced. It was advertised on Post Newspaper on 5 -6 February 2011. Submissions closed on 25 March 2011. Administration will write a report including feedback from the community. This will be presented at the next available council meeting.
17 August 2010	7.4	Traffic Management - Allen Park Precinct That a) Administration: a) Undertakes traffic counts immediately, November 2010, January and March 2011 including weekend statistics within the analysis; b) Installs "No stopping Road or Verge" signage and line marking to improve the	Luke Marsden	2		August 2011 (Depending on Community Consultation and Council Approval)	60%	No stopping line marking and signage has been completed as per map entitled Ned_18_10. Traffic Counts have been completed for September, November 2010 and January 2011 and were included within item 7.8 – Traffic Calming and Parking Options in Odern Crescent, Swanbourne, of the TMC







Completed

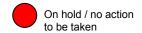
Medium priority

Low priority COM- Completed

- Benefit Cost Ratio BCR

High priority

Date of the TMC meeting	Item No	Committee Recommendation	Responsible Officer	Priority	Status	Planned completion date	%	Comments
		sight visibility as per attached map entitled Ned_18_10; c) Investigates the cost to undertake a future study of the entire Allen Park/Swanbourne precinct; and d) Incorporates the findings of (a) through to (c) of the original recommendation and criteria regarding Key Warrants when considering options (including the options suggested by Swanbourne resident Mr Mark Newland) to address traffic management issues within the Allen Park precinct. b) the report on solutions to traffic and parking problems pertaining to the Swanbourne Master plan as per Council resolution dated 30 March 2010 to be presented at the next Traffic Management Committee meeting.						agenda – 1 February 2011. Traffic counts have been completed in March 2011. A report detailing the analysis of the traffic counts will be completed including options to address traffic management issues and will be presented at the next available traffic management committee meeting.
1 February	7.3	Car Parking Facility – The Esplanade, Nedlands Committee recommends that	Luke Marsden	2		May 2011 (Depending on Community	40%	Approved by Council on 22 February 2011. Community consultation is currently







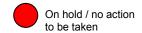
High priority

2 – Medium priority

Low priority COM- Completed

BCR - Benefit Cost Ratio

Date of the TMC meeting	Item No	Committee Recommendation	Responsible Officer	Priority	Status	Planned completion date	%	Comments
		Adminstration: a) undertake community consultation regarding the proposed parking bays on The Esplanade, Nedlands as per attached map number "Esplanade 90DEG parking"; and b) reports back to the Committee with findings of the consultation at the next available meeting				Consultation and TMC recommendati on)		being undertaken. Submissions close on 31 March 2011.
1 February 2011	7.5	Road Traffic Treatment – Williams and Karella Street, Nedlands Committee: a) approves changing parking restrictions in Williams Road, Nedlands to "No Stopping" as per attached map no. Ned_03_11 and associated kerbside line marking on Williams Road from Hardy Street and Karella Street West; b) directs Administration to investigate road widening and median treatment as a long term traffic treatment at the	Luke Marsden/ Wayne Mo	2		Budget Committee Consideration June 2011.	30%	MRWA have declined an additional request by the City to install broken median lines around the corner from Karella Street West to Williams Road. Design being investigated and costed. Once completed will go to Council for consideration through its draft proposed 2011/12. Budget Capital Works







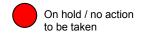
Medium priority

Low priority COM- Completed

BCR - Benefit Cost Ratio

High priority

Date of the TMC meeting	Item No	Committee Recommendation	Responsible Officer	Priority	Status	Planned completion date	%	Comments
		corner of Williams Road and Karella Street, Nedlands. c)						
1 February 2011	7.7	Petition to cul-de-sac Croydon Street, Burwood Street and Kitchener Street, Nedlands Committee receives the petition that was tabled at the Council meeting on 14 December 2010 requesting to cul-de-sac Croydon, Burwood and Kitchener Streets, Nedlands and recommends that Administration: a) investigates the feasibility of traffic management treatments for Croydon, Burwood and Kitchener Streets, Nedlands in the context of traffic management to and from the QEII hospital site and the North Hollywood precinct; b) undertakes traffic counts in each of Croydon, Burwood and Kitchener Streets; and c) reports back to Traffic Management Committee with the findings.	Luke Marsden	2		For TMC review and recommendati on)	20%	Traffic counts have been completed and administration is investigating options.







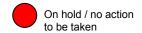
High priority

2 – Medium priority

B – Low priority COM- Completed

BCR - Benefit Cost Ratio

Date of the TMC meeting	Item No	Committee Recommendation	Responsible Officer	Priority	Status	Planned completion date	%	Comments
1 February 2011	7.8	Traffic Calming and Parking Options in Odern Crescent and Marine Parade, Swanbourne Committee: a) receives the report on traffic calming and parking options in Odern Crescent and Marine Parade, Swanbourne for their information; b) approves the short term design drawing (attachment 3) which includes amendments as detailed from the members of the Swanbourne Society; and c) instructs Administration to monitor the vehicle movements on driveways/verges from the car parks over the next 12 months for temporary traffic solution effectiveness.	Luke Marsden	2		May 2011	80%	Approved by Council on 22 February 2011 for the works to commence as soon as possible depending on 2010/11 Capital Works Project. Still awaiting final MRWA approval.
1 February 2011	7.9	Mobile Vehicle Enforcement – City of Nedlands Committee receives the report on mobile vehicle enforcement for their information and recommends that Administration:	Luke Marsden	3		For Budget Committee Consideration June 2011	80%	Approved by Council on 22 February 2011. Further investigation being undertaken and prepared for draft proposed 2011/12 budget.







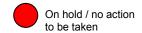
Medium priority

Low priority COM- Completed

- Benefit Cost Ratio BCR

High priority

Date of the TMC meeting	Item No	Committee Recommendation	Responsible Officer	Priority	Status	Planned completion date	%	Comments
		 a) undertakes a report for discussion as part of the proposed 2011/12 budget review process; and b) writes to the Minister of Transport and Housing, Hon. Troy Buswell MLA, requesting a meeting to discuss if the City can access data from license plate detection pertaining to vehicle origin only for the purposes of the survey without breaching individual privacy. 						
1 March 2011	7.2	Traffic and Parking Hot Spots throughout the City Committee: a) receives updated information regarding traffic and parking hot spots throughout the City of Nedlands as per attached maps entitled Ned_13.1_11, Ned_13.2_11 and Ned_13.3_11; and b) instructs Administration to develop an action plan to address traffic and parking hot	Luke Marsden	1		TBA	0%	Action plan will be in accordance with the strategic planning workshop in April 2011 to address traffic and hot spots. This will include all councillors, directors, and traffic management committee members.







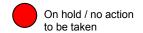
High priority

2 – Medium priority

B – Low priority COM- Completed

BCR - Benefit Cost Ratio

Date of the TMC meeting	Item No	Committee Recommendation	Responsible Officer	Priority	Status	Planned completion date	%	Comments
		spots as identified in the maps entitled Ned_13.1_11, Ned_13.2_11, Ned_13.3_11 and the adjacent road network.						
1 March 2011	7.3	Black Spot Project 2010/11 – Lemnos Street Left Turn Lane at the Intersection of Brockway Road, Shenton Park Committee recommends that Council supports the application submitted by Administration to construct a left turn lane on Lemnos Street at the intersection of Brockway Road, Shenton Park to act as a countermeasure to address high incidence or rear ended crashes.	Wayne Mo	1		April 2011	50%	Works have commenced
1 March 2011	7.4	Proposal for Local Area Traffic Management - Melvista Avenue, Nedlands Committee receives the traffic counts on Melvista Avenue, Nedlands for their information and	Luke Marsden	2		For TMC review and recommendati on May 2011)	25%	Administration investigating traffic management controls and will present a report at the next available traffic management committee







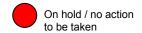
High priority

2 – Medium priority

Low priority COM- Completed

BCR - Benefit Cost Ratio

Date of the TMC meeting	Item No	Committee Recommendation	Responsible Officer	Priority	Status	Planned completion date	%	Comments
		instructs Administration to further investigate the design of traffic management controls on Melvista Avenue, Nedlands between Vincent Street and Bruce Street.						
1 March 2011	7.5	Proposed Parking Restrictions surrounding Stirling Highway, Nedlands That this item be referred to the next meeting of this committee for further information.	Luke Marsden	1		April/May 2011	60%	Report to TMC on 5 April 2011
I March 2011	7.6	Proposed Central Energy Plant Facility – QEII – City of Nedlands Committee notes the traffic management plan submitted by Brookfield Multiplex Pty Ltd for the construction of the proposed central energy plant facility in QEII Medical Centre for their information and requests Brookfield Multiplex Pty Ltd to: a) accept responsibility to address all the issues and treatments raised in the attached independent Road Safety Audit prepared by	Luke Marsden			Complete March 2011	100 %	The City has approved the resubmitted traffic management plan on the basis that all conditions of the TMC recommendation on 1 March 2011 are met. Can be removed in the next update.







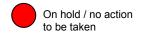
High priority

2 – Medium priority

3 – Low priority COM- Completed

BCR - Benefit Cost Ratio

Date of the TMC meeting	Item No	Committee Recommendation	Responsible Officer	Priority	Status	Planned completion date	%	Comments
		b) contact all residents and stakeholders in the area between Monash Avenue, Smyth Road, Karella Street (east and west) and Hampden Road, Nedlands detailing the nature of the activity, length of works and contact details for the project; and c) resubmit the traffic management plan to the City for approval.						
1 March 2011		Parking Restrictions – Hollywood Ward Following the six months trial period ending February 2011, Committee approves the retention of the current parking restrictions in Hollywood Ward in accordance with the attached map entitled Ned_17_10.	Luke Marsden			Completed March 2011	100 %	Complete. Letters were sent out to residents on 11 March 2011 informing that the parking restrictions will remain unchanged following the trial of six months. Can be removed in the next update.
1 March 2011	7.8	Proposed Parking Restrictions – Kinninmont Avenue, Nedlands Committee approves a six months trial of parking restrictions on Kinninmont Avenue, Nedlands	Luke Marsden			Completed 2011	95%	Complete. Letters were sent out to residents on 9 March 2011. Can be removed in the next







High priority

2 – Medium priority

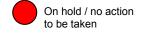
Low priority COM- Completed

BCR - Benefit Cost Ratio

Date of the TMC meeting	Item No	Committee Recommendation	Responsible Officer	Priority	Status	Planned completion date	%	Comments
		between Stirling Highway and Carrington Street as follows:						update.
		 a) No parking 8.00 am – 5.00 pm Monday to Friday on the west side of Kinnimont Avenue; and 						
		b) 2P 8.00 am – 5.00 pm Monday to Friday on the east side of Kinninmont Avenue.						

Location	Treatment	LGA Request	LGA Contribution	Total Cost	Project Status	BCR
Stirling Highway / Florence Rd	Install median island and reinforce priority	National	\$10,000	\$30,000	Pending	2.33
Carrington St / Broome St	Upgrade street lighting	State	\$10,000	\$30,000	Pending	1.81
Elizabeth St / Tyrell St	Install median island and reinforce priority	State	\$11,000	\$33,000	Refer to item 7.5	1.56
Gugeri St / Railway Rd / Loch St	Install median island and reinforce priority	State	\$11,000	\$33,000	Refer to item 7.4	1.56
Princess Rd / Bruce St	Upgrade street lighting	State	\$7,000	\$21,000	Pending	1.53
Bruce St / Elizabeth St	Construct Roundabout	State	\$65,000	\$195,000	Pending	1.50
Monash Ave/ Hampden Rd	Upgrade street lighting	State	\$4,000	\$12,000	Pending	1.49

BLACK SPOT FUNDING APPLICATIONS 2010/11 – FOR YOUR INFORMATION ONLY









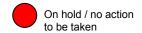
High priority

Medium priority

Low priority COM- Completed

- Benefit Cost Ratio BCR

Location	Treatment	LGA Request	LGA Contribution	Total Cost	Project Status	BCR
Stirling Highway / Broadway / Hampden Rd	Modify traffic signals to LED lanterns, additional/protected left turn lane into Broadway, ban parking in Broadway, painted right turn lane in Hampden Rd	State	\$68,000	New costing to be advised	Refer to item 7.3	1.74
Underwood Ave / Brockway Rd / Brookdale St	Modify traffic signals install LED lights, install new left turn slip lane pockets in north and east legs	National / State	\$63,000	\$189,000	Withdrawn due to extra funding required for Stirling Hwy/Broadway /Hampden Road project	2.46
Davies Rd / Alfred Rd / Montgomery Rd	Upgrade signals to LED and install overhead mast arms in Alfred Road	National / State	TBA	\$75,000	Completed	3.89
Gugeri St / Railway Rd / Loch St	Construct seagull island in median. Construct right turn lane in Gugeri St. Construct left turn lane in Railway Rd.	State	33,000	\$99,000	See 2011/2012 black spot item above	1.60
Monash Ave / Hampden Rd	Upgrade lighting to AS1158	State	\$4,000	\$12,000	See 2011/2012 black spot item above	1.30
Location	Treatment	LGA Request	LGA Contribution	Total Cost		BCR
Brockway Rd / Lemnos St	Install left lane in Lemnos St. Construct 70 degree island	State	\$29,000	\$87,000	Under construction scheduled for completion April 2011	1.53
Selby / Lemnos St	Install seagull island	National / State	TBA	\$36,000	Not approved	4.35









High priority

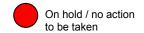
2 – Medium priority

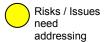
3 – Low priority COM- Completed

BCR - Benefit Cost Ratio

					for 2010/11 Black spot program	
Railway Rd / Aberdare Rd / Shenton Park bus bridge	Modify traffic signals install LED lights, install left turn slip lane in Aberdare Rd	State	\$40,000	\$120,000	Withdrawn	1.49
Hampden Rd / Gordon St	Install intersection island in Gordon Street and reinforce priority	State	\$8,000	\$24,000	Under construction	1.60

Location	Treatment	LGA Request	LGA Contribution	Total Cost	Project Status	BCR
Stirling Hwy/Dalkeith Rd	Upgrade traffic signals to LED	State \$13,333	6,667	20,000	Completed October 2010	7.68
Location	Treatment	LGA Request	LGA Contribution	Total Cost	Project Status	BCR
Chancellor St / Loch St	Install pre-deflection at existing roundabout	\$53,333	\$26,667	\$80,000	Not approved for 2010/11 Black spot program	1.37
Rochdale Rd / Alfred Rd	Pedestrian phase including island widening for improved pedestrian safety	Federal funding \$320,000	-	\$320,000	Completed September 2010	







On track



High priority

Medium priority

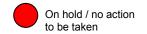
Low priority COM- Completed

- Benefit Cost Ratio BCR

BLACK SPOT FUNDING APPLICATIONS (KNOWN FROM ADJOINING COUNCILS, THAT MAY AFFECT CITY OF NEDLANDS)								
North St / Lyons St	Town of Cottesloe					Completed		
Intersection of Ashton Ave and Gugeri St	Town of Claremont							
Park Rd / Hampden Rd	City of Subiaco	\$120,000		\$60,000	\$180,000	Construction underway	1.87	

Tark Nu / Hampueri Nu	City of Sublace	Ψ120,000	φου,σου	φ100,000	underway	1.07
Gugeri St / Ashton Ave / Chancelor St	Town of Claremont Modify TCS, install overhead mast arms & replace existing lanterns with LED lamps	National funding	\$35,667	\$107,000	Pending 2011/12 – No cost to City of Nedlands	5.7
Aberdare Rd / Gardner Dr	City of Subiaco Install median island and signage	State funding	\$6,000	\$18,000	Pending 2011/12 – No cost to City of Nedlands	1.39
Aberdare Rd / Hospital Ave	Construct roundabout and clear verge	State funding	\$75,000	\$225,000	Pending 2011/12 – No cost to City of Nedlands	1.42

LIST OF ITEMS RECEIVED FROM COMMITTEE MEMBERS/ADMINISTRATION FOR DISCUSSION							
Date Received	Received From	Details Administration Comments					
5 May 2010	Peter Plaisted – Non Voting Committee	• Return Dalkeith road north of Carrington Currently being investigated Street and Karella streets to be made one way					









High priority

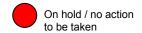
2 – Medium priority

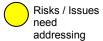
Low priority COM- Completed

BCR - Benefit Cost Ratio

TRIM Ref: M09/19905

	member	northbound only.	finalised it will be presented to the next available TMC meeting.
N/A	Administration	Pick up of all parking bays in City – divided into precincts.	Currently being undertaken by administration.
N/A	Administration	Parking restriction signage and location – precincts.	Administration officers currently undertaking pick up. Present to TMC upon completion and update into G.I.S system.
27 July	Cr Hodsdon	 Traffic Management Committee considers a parking permit system in areas bound by Stirling Highway, Dalkeith and Smyth Roads and Aberdare and Hampden Roads. 	Proposed parking and parking facilities local law to assist a parking permit system city wide.
			Community consultation has been undertaken with submissions closed on 25 March 2011. Report to Council at the next available meeting
5 April 2011	Cr Smyth	Investigate the naming of the traffic overpass between Karrakatta and Shenton Park railway stations.	Administration to present findings at the next available TMC meeting.
5 April 2011	Cr Smyth	Investigate the visibility and accident risk for the corner of Alfred Road and Wongin Way, Swanbourne	Administration to present findings at the next available TMC meeting.









High priority

Low priority COM- Completed

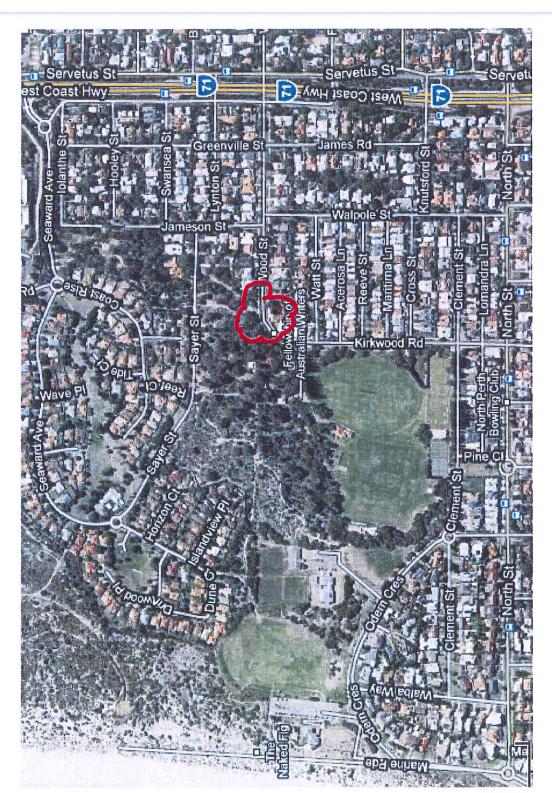
BCR

Attachment to Item 7.1

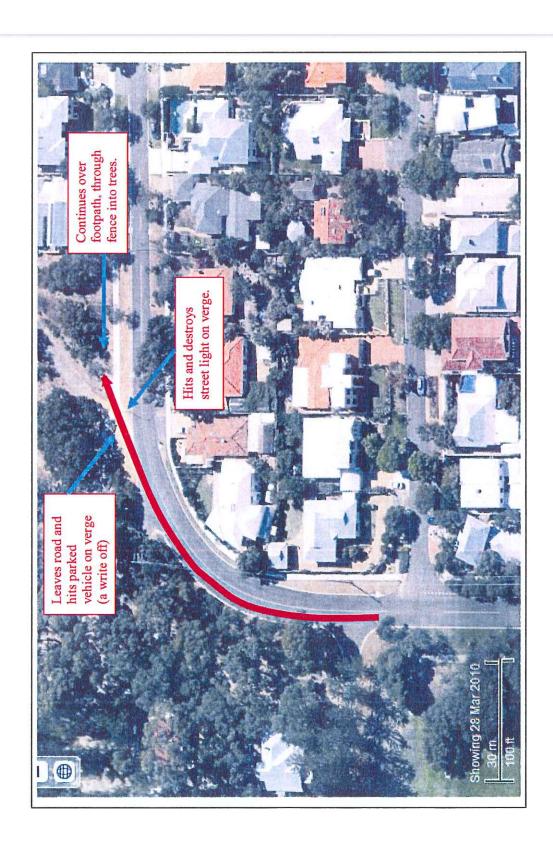
Traffic Management Committee Meeting 5 April 2011

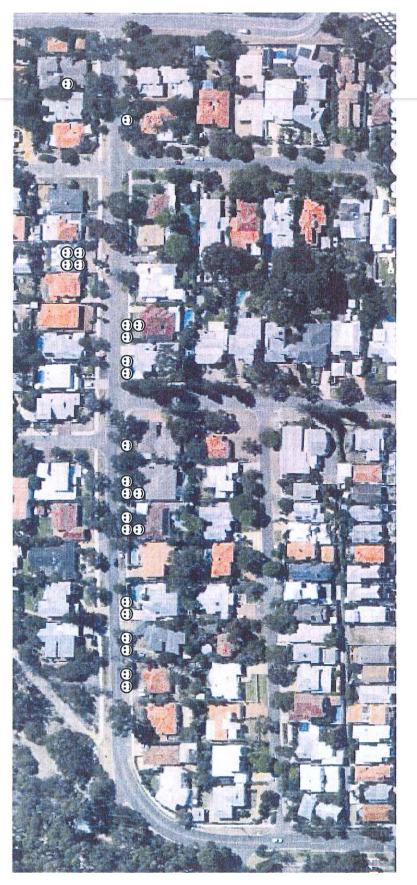
List of Outstanding Actions/Works/Requests of the Traffic Management Committee

Photos and survey tabled by Mr M Newland, 72 Wood Street, Swanbourne

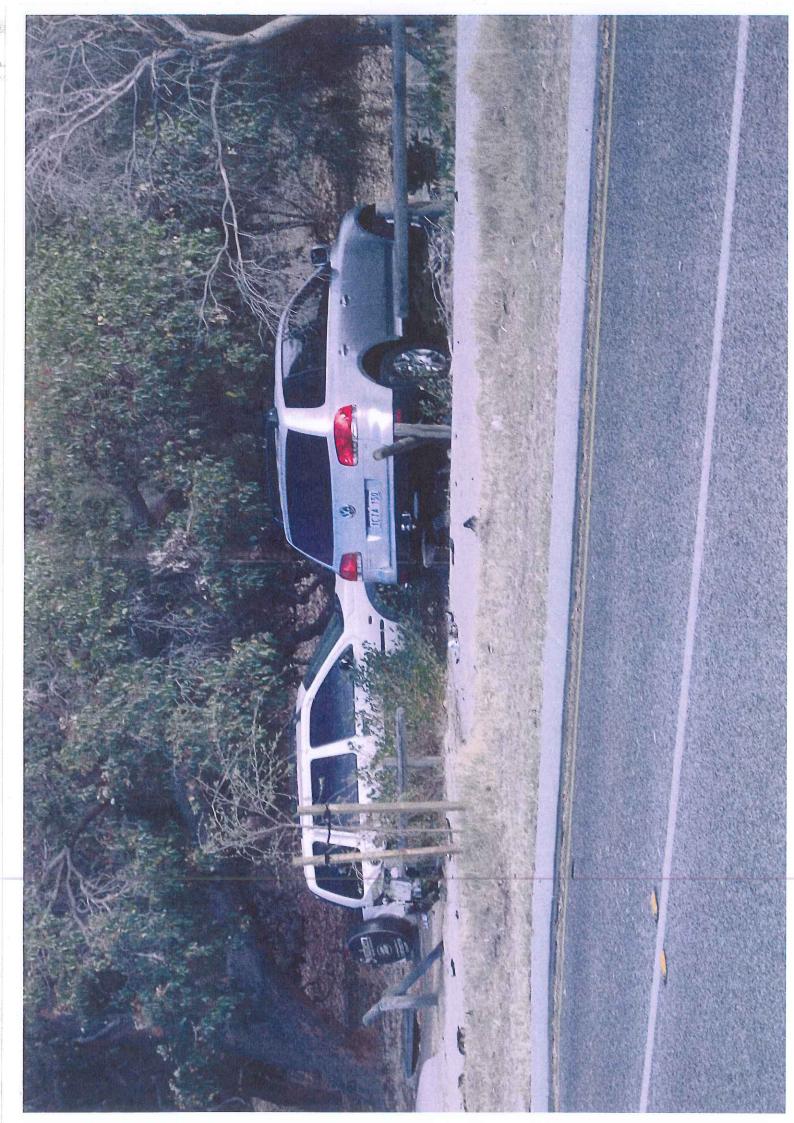


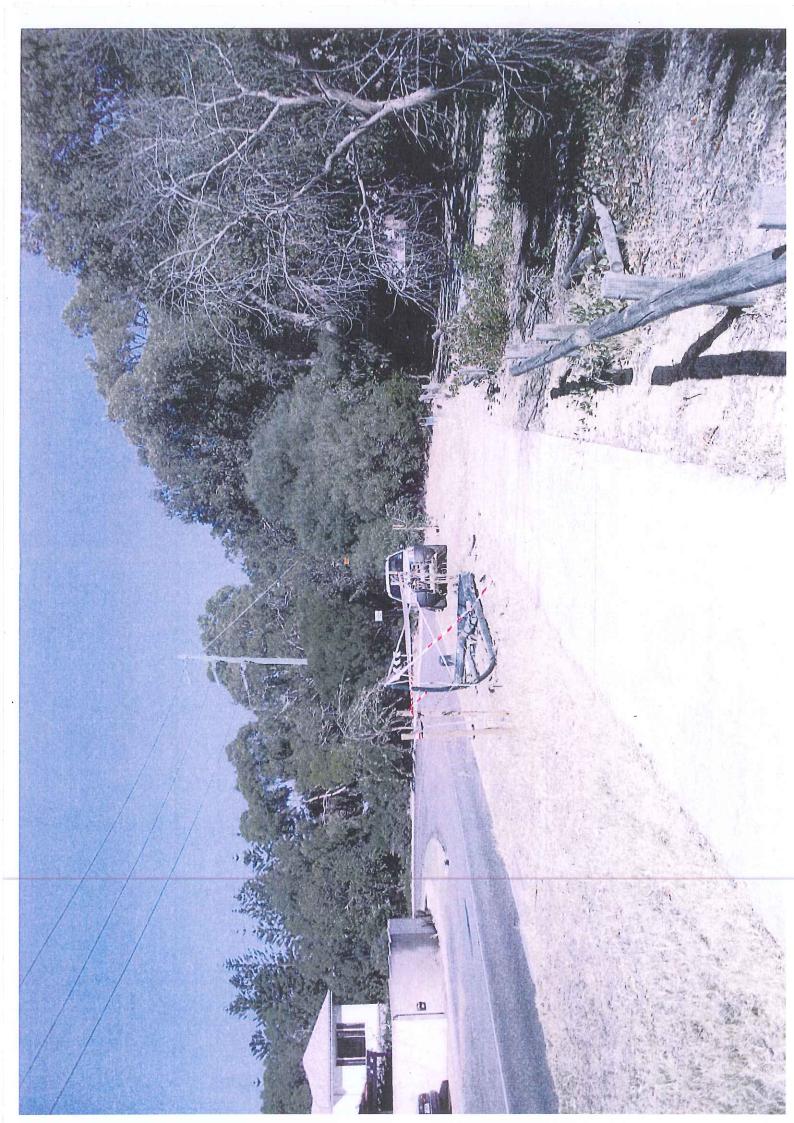
Allen Park Precinct

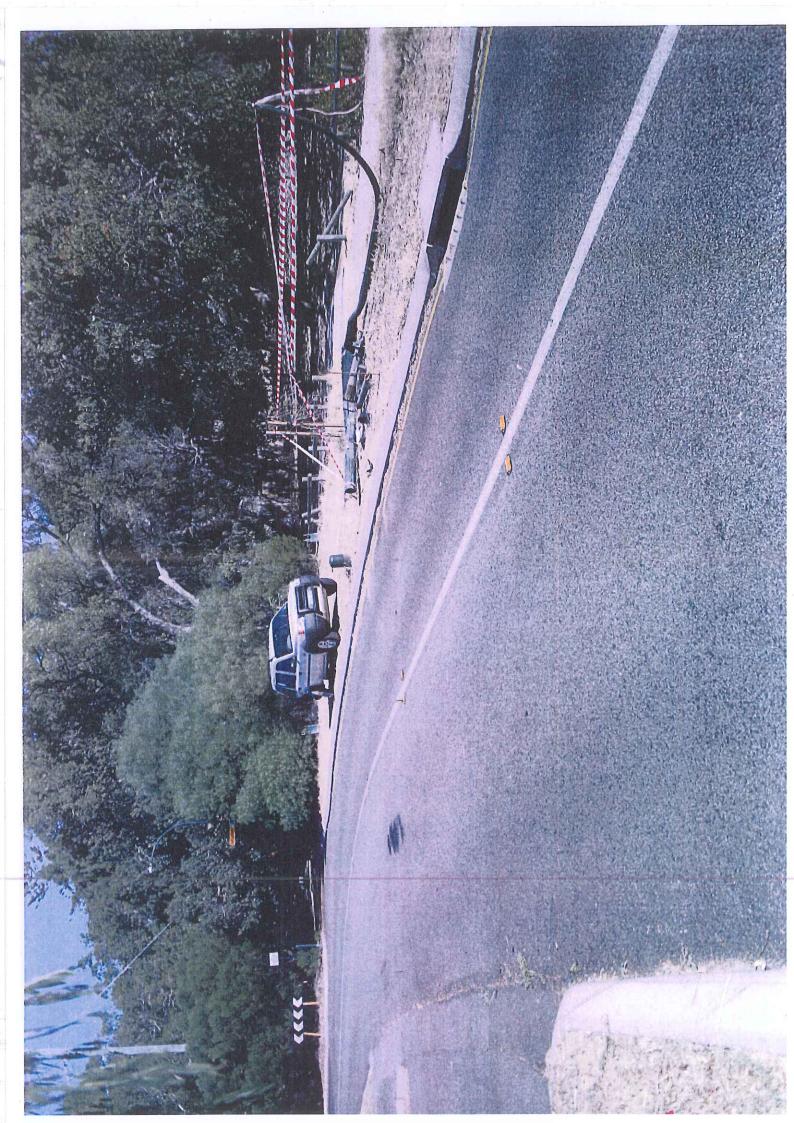


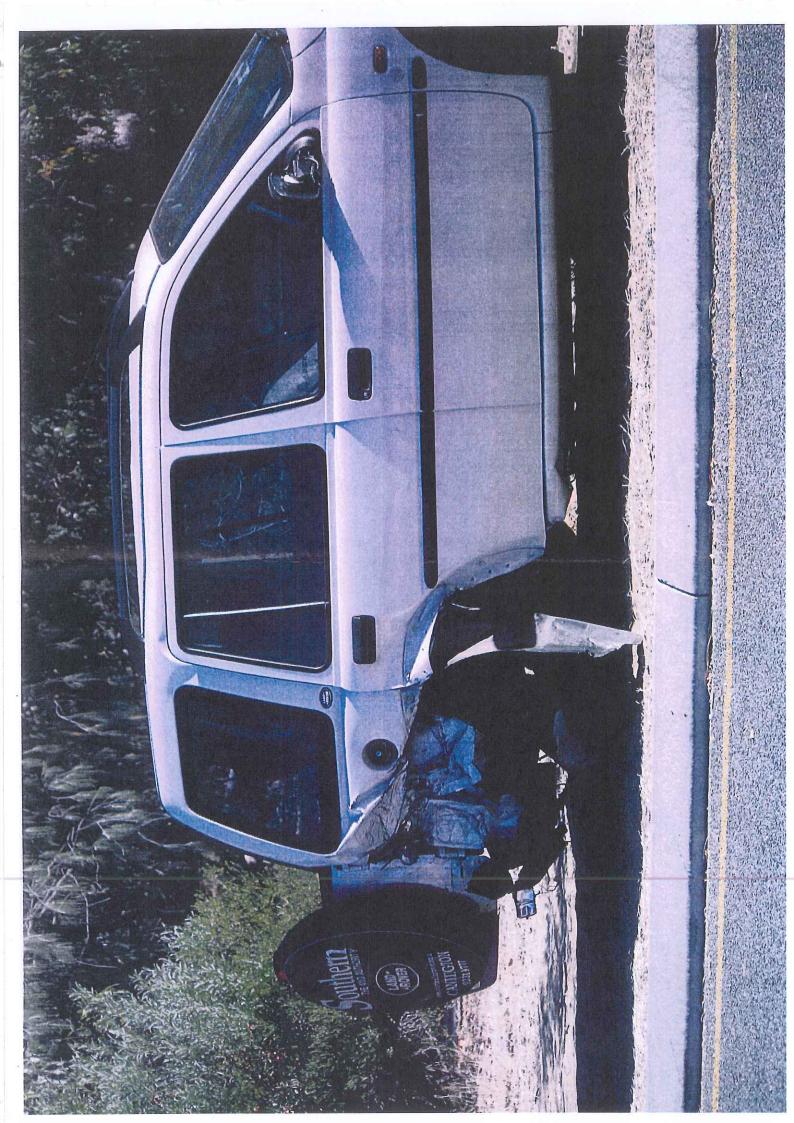


Residences of children under the age of 12 in Wood Street.









IS INCREASING THROUGH-TRAFFIC IMPACTING ON OUR NEIGHBOURHOOD?



The 'rat-run' through Allen Park Precinct to and from the beachfront, North Street and Cottesloe

THE IMPACT

Our children don't have the freedom of safe neighbourhood movement.

We retreat behind our walls and indoors away from the traffic noise.

We don't meet our neighbours.

Our enjoyment of Allen Park is reduced.

Our community is diminished.

WILL YOUR FAMILY
SUPPORT
IMPROVEMENTS TO
TRAFFIC MANAGEMENT
IN THE ALLEN PARK
PRECINCT?

Dear Fellow Allen Park Precinct Residents

I have resided in the Allen Park Precinct since 1995 and have become increasingly concerned at the volume of through traffic using our residential streets and the resultant deterioration in the quality of our neighbourhood. In May 2010 I made a comprehensive submission to the City of Nedlands Traffic Management Committee in an effort to bring some focus onto this issue. The process is on-going and you may have noticed the traffic counting devices that have been used to gather data on vehicle movements in our streets over the past few months.

I would now like to gauge the level of community support for further representations to Council on this issue.

Whilst you may not live on Clement Street, Kirkwood Road or Wood Street and hence may not feel traffic has any impact on your enjoyment of Allen Park and surrounds, I would ask you to at least consider that what is best for our broader community ultimately improves your neighbourhood and lifestyle also.

So please take the time to complete the attached preliminary survey and return it to my letterbox or drop it into the response box at Kirkwood Deli. If you would prefer to email a response, or would like me to email you a copy of this flyer or my presentations to the Council, then please feel free to contact me at markcn@iprimus.com.au

Your indication of support for actions aimed at improving the liveability of our neighbourhood would be most appreciated.

Regards and thanks

Mark Newland 72 Wood Street Phone 0400 600 551

March 2011

SOME FACTS AND FIGURES

Day	Time (1 hour)	Total Traffic in Wood Street	Total Traffic In Kirkwood Road	Total Through Traffic	%Though Traffic in Wood Street	%Through Traffic in Kirkwood Road
Friday 30.4.10	0715 - 0815	188	154	138	73%	90%
Tuesday 4.5.10	0745 - 0845	249	200	180	72%	90%
Sunday 18.4.10	1100 – 1200	110	85	68	62%	80%
Saturday 29.1.11	1000 - 1100	130	116	87	67%	76%
Previous Survey	Oct 2000				1,211	1070
Tuesday 10.10.00	0700 - 0800	85	77	43	51%	56%
Tuesday 10.10.00	0800 - 0900	130	114	77	59%	68%

The volume of through traffic at peak hour has increased 250% in recent years.

Up to 90+% of the traffic on our local streets is making the 'rat-run'.

During peak periods and on summer weekends up to 9 out of 10 vehicles are not local residents.

PRELIMINARY LOCAL COMMUNITY SURVEY

ALLEN PARK PRECINCT TRAFFIC MANAGEMENT

1.	Which street does your family live in?	
2.	Do you agree there has been a general incre neighbourhood in recent years? (please tick	
	Yes	No Don't Know
3.	Do you feel that the 'rat-run' along Kirkwood Street and West Coast Highway, should be s	
	Yes	No Don't Care
4.	Do you believe the Naked Fig Café and Brid the amount of traffic through the Allen Park	
	Yes	No Don't Know
5.	Do you have children who are less than 12	years old? Yes No
	If so, is traffic a consideration as to vindependently walk, cycle or scooter	
		Yes No
6.	Does the volume or speed of traffic in your	street make you feel it is unsafe to park a
	car on the road?	Yes No
7.	In general do you feel that traffic is adversel of our neighbourhood?	y impacting on the liveability and appeal
	Yes	No Don't Care
8.	Do you support efforts to have the City of N review of traffic management in the Allen P	
Comm	Yes	No Don't Care
Your N	Name:	
Your E	Email Address :	_
(please	kindly provide your email address so information	n and any notices can be readily distributed)
Your F	Phone Number (if you wish):	

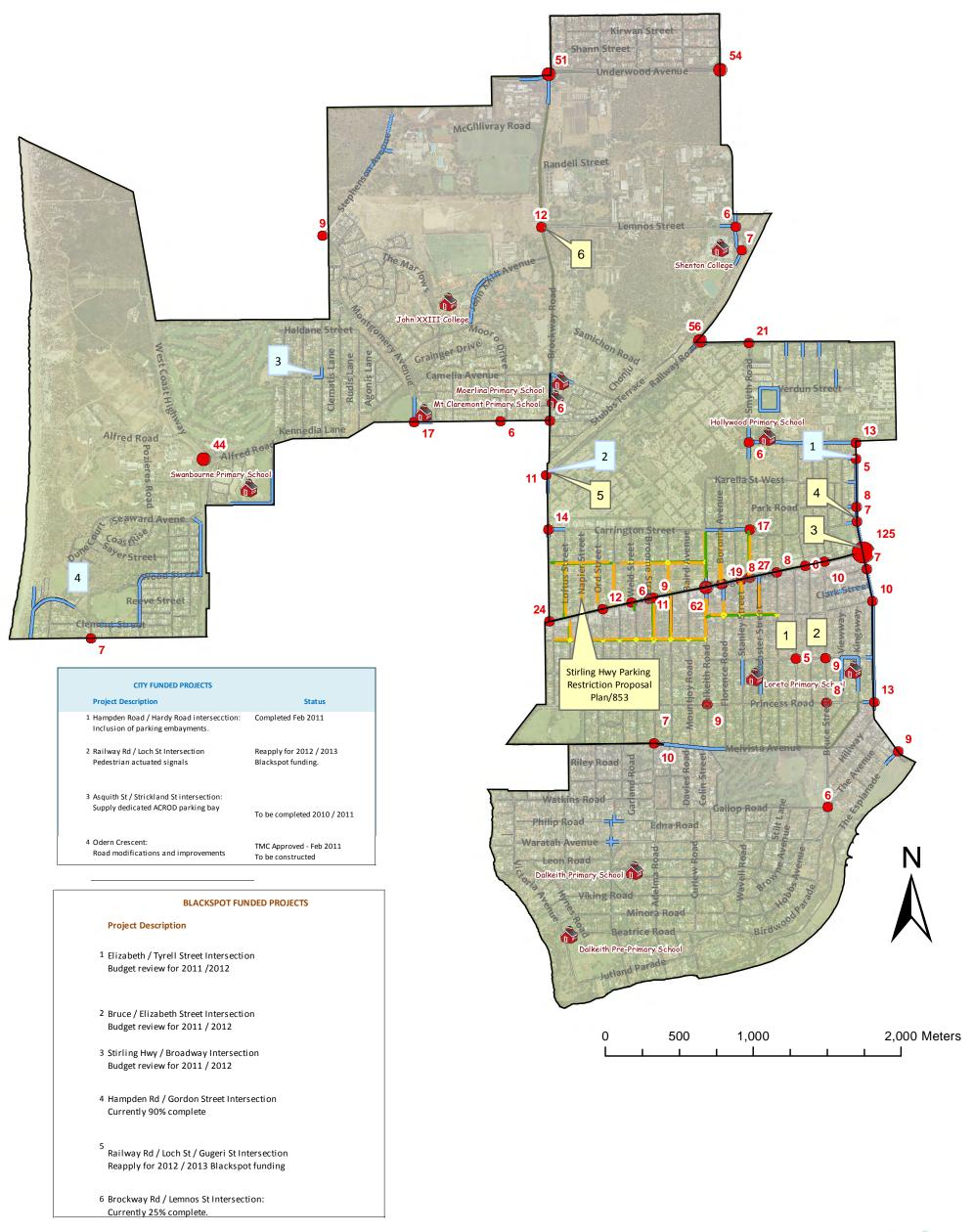
Please take the time to complete and return this page to the response box at Kirkwood Deli or into my letterbox at 72 Wood Street by Friday 8th April 2011.

Attachment to Item 7.2

Traffic Management Committee Meeting 5 April 2011

Traffic and Parking Hot Spots throughout the City

City of Nedlands Traffic Management Update March 2011

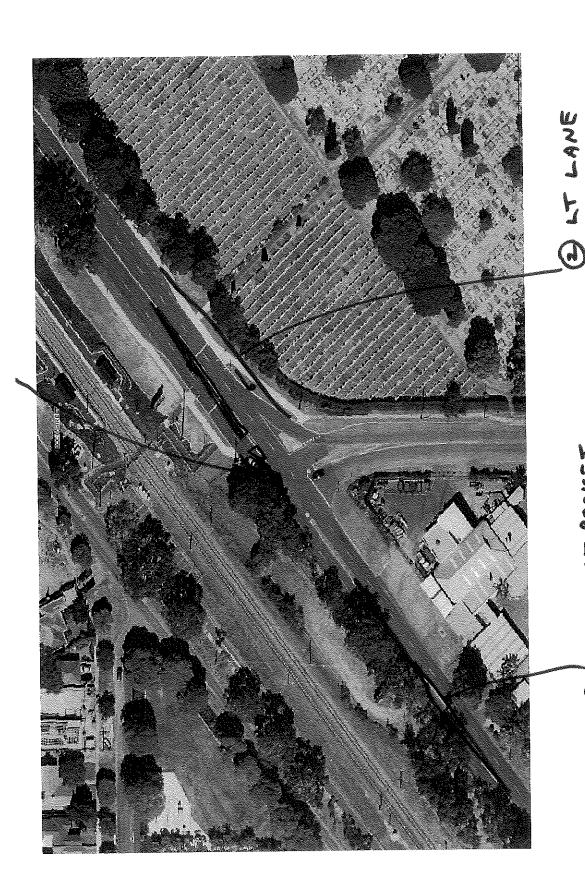




Attachment to Item 7.3

Traffic Management Committee Meeting 5 April 2011

Black Spot Project – Loch Street and Railway Road Pedestrian crossing



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Tuesday, March 29, 2011

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Individual Hazard and Treatment Report

Including assumptions and detail of action taken

Report generated on 16 Nov 2010 09:41 by Geoff Miles



Project No: CoN 2020 - 2

Investigation Date: 09 Nov 2010

Road Name: Railway Road Gugeri Street Loch Street

ID# WA085_09112010_200

Hazard: No permanent pedestrian crossing facilities exist across a four lane high traffic volume road where the 85th percentile speed is 67km/h in a 60km/h posted zone. Very high percentage of adjacent approach / right angle crashes.

Proposed Treatment: Traffic control signals

Chainage: 0,000

Location: intersection of Railway Road and Loch Street

Exposure Calculation

	Hazard (before case)	Treatment (after case)
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Traffic Volume	17500	17500
A division of Codes		The state of the state of the control of the contro
Volume Adjustment Factor	1.00	1,00
The second secon	17 500	47 EOO
EXPOSURE	17,500	17,500

Likelihood Calculation

200 See 1 200 1 20	Hazard (before case)	Treatment (after case)				
Length	0.30	0.30				
Road Type and Crash Risk	3 Leg Unsignalised Intersection: Built- Up 7.50	3 Leg Signalised Intersection: Built-Up 7.00				
ssue Type	Intersection Type	Intersection Type				
Relative Risk (Primary)	1,500	1,000				
nfluencing Factors		CONFESSION CONTRACTOR				
Skid Resistance (surface): Intersection 0.20	1.100	1,100				
Sight Distance: Intersection 0.40	1.075	1,000				
Pedestrian Issues: Intersection 0.15	1,012	1,006				
Intersecting Road Type 0.15	1.500	1.500				
Weather 0.10	1,267	1.267				
Relative Risk (Influencing Factors)	1,154	1,123				
LIKELIHOOD	3.893	2,357				

Severity Calculation

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	Hazard (before case)		Treatment (after case)		
CONSTRUCTION OF THE PARTY OF TH		ervesions and			
Site Location	builtup		builtup	.12000000000000000000000000000000000000	
	crash type; proportion; relative severity		crash type; proportion; relative severity		
	Adjacent approaches 0.75	1.90	Adjacent approaches 0.10	1.90	
	Rear end 0,10	1,00	Rear end 0.80	1,00	
Crash Types	Loss of control L or R turns 0.10	1,60	Loss of control L or R turns 0.10	1.60	
NOTIFICATION OF THE PROPERTY O	Vehicle hits pedestrian 0.05	2,60	Vehicle hits pedestrian 0.00	2,60	
And the state of t	and the state of t		THE RESIDENCE OF THE SECOND SE		
SEVERITY	1.82		1.15	K-g-169 (8170-g-649)	

Risk Reduction Cost Ratio Calculation

Hazard Risk Score	123,653	Initial Cost	\$ 350000
Treatment Risk Score	47,444	Ongoing Cost	\$ 0
Treatment Life	25 years	Salvage Value	\$0
Discounted Risk Reduction	1,074,093	Discounted Costs	\$ 350000
Discount Rate	5.00	Status	Action Pending
Hazard Risk Score / km	412,178		indukti videndid. Amilian midakin dinin Amministra miseka miseka miseka miseka miseka miseka miseka miseka mise
Treatment Risk Score / km	158,146		
			Control of the Contro

Risk Reduction Cost Ratio 3.1

Assumptions

Assumptions	at the transmission of
Hazard Assumptions	
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Treatment Assumptions	- [
Tradition results in the second secon	

Client

City of Nedlands

Study Area

Intersection of Railway Road, Gugeri Street and Loch Street Karrakatta

Purpose of Assessment

Existing road audit or safety review

Investigation Team:

Frank Strever Manager Engineering Services

Other details

Pedestrian safety issue crossing 4 lanes of traffic near an intersection

Status of Works

Julia Ottalia			
Action Taken	Date of Update	Status	ĺ
	9/11/2010	Action Pending	ŀ

Road Safety Risk Manager version 3.2.2 Copyright 2002. ARRB Transport Research Ltd. Geoff Miles Sound engineering judgement should be exercised when interpreting the outputs from the Road Safety Risk Manager. Note that the BCR as presented by RSRM is to be treated as a rough estimate only, and not as a firm calculation.

Wayne

Further to our discussion today, I confirm:

There are no means by which we can legitimately funds any of these options within the current approved programmes

- Only option is for Council to cancel the current project and to return the approved 2010/11
 State Black Spot funds (note that the Town of Claremont is jointly funding the Council contribution) and resubmit the project with Council's preferred option for the 2012/13
 Program.
- The advantage of this is that because the scores obtained are higher than other projects currently in the Draft 2011/12 Nation Building Black Spot for RSA projects, this means that the project would be most likely be fully funded by the Feds.

	the project would be most likely be fully funded by the Feds.
•	There is an opportunity for prefunding in 2011/12
For you	ur consideration

Lou Rho

Regards