

#### City of Richmond

6911 No. 3 Road, Richmond, BC V6Y 2C1 Telephone (604) 276-4000 www.cityrichmond.bc.ca

May 20, 2005

File: RZ04-275922, RZ04-272729

City Clerk's Office Telephone (604) 276-4007 Fax (604) 278-5139

Mr. Maurice White 6791 Gamba Drive Richmond, BC V7C 2G4

Dear Mr. White.

Re: 4111/4093 Granville Avenue, and 6840/6880 No. 1 Road

This is to acknowledge and thank you for your letter dated May 18, 2005 in connection with the above matter.

A copy of your letter has been forwarded to the Mayor and Councillors for information. In addition, your letter has also been forwarded to City staff in the Urban Development Division so that the concerns expressed may be considered by staff as the above noted land use application are processed in the context of the broader neighbourhood issues.

Thank you for taking the time to make your concerns known to Council.

Yours truly.

David Weber

Manager, Legislative Services

DW:wd

DC:

Mayor and Councillors

Raul Allueva, Director Development

Holger Burke, Development Coodinator - Development Applications

Sara Badyal, Planner 1



May 18, 2005

Councillor Bill McNulty C/o City of Richmond 6911 No. 3 Road Richmond, B C. V6Y 2C1 PROTOCORIED

MAY 20

& DISTRIBUTED

TO: MAYOR & EACH
COUNCILLOR
FROM: CITY CLERK'S OFFICE

pc: Director, Development for attachment to Planning Cte. report.

Dear Bill;

Our Gibbon's neighbourhood wishes to thank you very much for the opportunity of a Public Consultation Meeting regarding the Arterial Road Policy, Lane Policy, and the rezoning applications in our neighbourhood. Our meeting was held between 4 00pm and 8 00pm on Wednesday, April 27th at the Thompson Community Centre. The information sharing and the effort of City staff were excellent. The small room and comment sheets organized by the City staff, however, were insufficient for the massive neighbourhood attendance at the meeting. Staff adjusted "on the fly", and the event was a huge success from the perspective of the neighbourhood. We collected an attendance record and monitored neighbour responses. With over 200 people in attendance the overwhelming response was. Granville Avenue should not be a major or minor arterial road; a "patch work" of lanes with dead-ends and short lengths detracts from neighbourhoods; there is no appetite for multi-family rezoning in the area, and small lot downsizing was generally unappealing.

This is a very emotional process for our neighbourhood. The proposals challenge our core values in seeking out a single family lifestyle. We fear a negative economic impact on our house values which are the single largest component of our net worth. We fear a further negative impact on the use and enjoyment of our homes. We rely on the appearance and zoning status of the neighbourhood in determining the location of our "dream" homes. We are the incumbent residents. We do not want to live with the legacy of any rezoning long after developers have sold out. We want to maintain the integrity of our single family neighbourhood.

From our petition process within the Gibbon's neighbourhood, an overwhelming majority of the land owners, representing over \$100 million of property value and \$300,000 of annual property taxes, reject the multi-family rezoning of the two properties in our neighbourhood and the small lot conversion on Tucker Avenue

Developers are investors. They take risk in an attempt to capture returns above the "riskless" rate of return. When they take risk there is no guarantee of return. Sometimes you win and sometimes you loose. Our neighbourhood has no appetite to be reluctant partners in the risk taking schemes of developers. There is plenty of increased density occurring in other more suitable areas within Richmond. Do not apply a misdirected Arterial Road Policy or pro density thesis in an area for which it is inappropriate, and that clearly does not want it. Our area has over \$100 million dollars of property value at risk let alone our lifestyle.

I will call you shortly to enquire again of your support in rejecting the rezoning applications at 4111 & 4093 Granville Avenue and 6840 & 6880 No 1 Road, and small lot and lane rezoning at 4031 Tucker Avenue

We have enumerated and organized our neighbourhood in our effort to defeat these proposals. Newsletters, telephone committees, regular home meetings, and discussions with City Councillors and Staff are but a few of our coordinated activities. However, we want to get on with our lives and enjoy our neighbourhood. I am sure you would like to get on with the more creative and rewarding aspects of your Planning Committee roles. We would like to bring a motion before Planning Committee that places a moratorium on multi-family rezoning and small lot conversions in our neighbourhood. We want an element of certainty in our ability to plan. We have had it up until now, and we want it carried forward. "In-stream" and other applicants knew they were challenging our existing R-1E zoning when they got started. It was their risk. We want a 20 year moratorium that gives us a planning time frame for families to enjoy the endowment of the single family lifestyle in our neighbourhood. We want a time frame which allows families to put down roots without constant fear of an onslaught of rezoning against which we must rise up and defend ourselves. We are the resident incumbents which by a significant majority prefer it this way. The trauma and emotional duress that is caused by this "open hunting season" in our neighbourhood is untenable

We would be happy to arrange a Planning Committee meeting in our local community centre to accommodate the anticipated neighbours that will come in front of the Planning Committee to go on the public record in favour of such a motion. Our neighbourhood is not willing to wait out the agenda of a few developers in picking a time of their choosing to move their proposals in front of Planning Committee. For the convenience of a handful of developer applicants our neighbourhood is being held hostage in a disrupted state. Developers may come and present at our agenda if they wish. I will want to talk to you about the timing and facilitation of bringing this motion before the Planning Committee.

Yours truly,
Mann White

Maurice White

(On behalf of Gibbon's area neighbours)

cc Mayor Malcolm Brodie Kiichi Kumagai Derek Dang Evelina Halsey-Brandt Harold Steves Sue Halsey-Brandt Linda Barnes Rob Howard To: Mayor Malcolm Brodie;

Copies to Cllrs: Linda Barnes, Evelina Halsey-Brandt, Rob Howard, Bill McNulty, Derek Dang, Sue Halsey-Brandt, Kiitchi Kumagai, Harold Steves.

Copy: Sara Badyal, Urban Development Division.

Re: The Arterial Road Policy, The Arterial Lane Policy, and the April 28, 2005 Public Information Meeting at Thompson Community Center.

Thank you very much for giving our Gibbons/Riverdale/Thompson residents an opportunity to have some input into the redevelopment of our neighborhood. There is now an almost unanimous opposition, anger, fear, uncertainty and disappointment with the management and implementation of these two Policies. The redevelopment plan presented at the April 28 meeting by the Urban Development Division was 'shocking'. Private property owners found out for the first time that there were plans to run lanes through their property. They found out that their lots were in a redevelopment zone that would be turned into town houses or small lots. They found out that there were plans to force a certain type of redevelopment onto their private property whether they liked it or not. The fact that these plans had been developed to the extent that they were without any neighborhood input (until now) is totally unacceptable. Our neighborhood flatly rejects these plans and now wants immediate action taken to protect our single family neighborhood from this destructive redevelopment.

The Arterial Road Policy and the Arterial Lane Policy are two of the worst pieces of legislation that I have ever seen, certainly in my 37 years as a Richmond resident. The Policy as it now exists could only have been written by the Urban Development Institute or other pro Developer organizations. Previous Councils adopted these 'poorly thought out' Policies and now the current Council and Urban Development Division are struggling to implement them. We are now in the 'fire fighting stage' where City Hall is now finding out that these Policies do not fit everywhere in Richmond (certainly outside the City Center). We are now at the stage where single family property owners are 'banning together city wide' in opposition and will now fight to preserve the character and integrity of their neighborhoods.

These Policies are going to 'Box In' single family neighborhoods with rows of 3 storey townhouses and small lot development. All the main streets will be like bowling allies with out – of - control traffic problems. Richmond will be full of incomplete short lanes destroying back yard privacy. These Policies are major ones that change the 'entire landscape' of Richmond for the worse. Twenty years from now as people drive down these arterial roads looking for a way to break into the single family core, they will be looking at a mess. Inside the 'townhouse box', single family neighborhoods will be full of overflow parking and cut through traffic. These Policies are supposed to improve traffic volume and safety. This is a false belief as the opposite is happening. The ratio of public transit users has not changed. These Policies are simply rapidly increasing the number of cars on main roads and decreasing the safety. These Policies are simply creating overflow street parking and cut through traffic into surrounding neighborhoods.

Richmond is the only Community that I can find anywhere that has adopted an Arterial Road Policy and that has these types of problems. Richmond is unique in destroying single family neighborhoods with 'out of control' high density redevelopment rezoning. Is this the Richmond that Council is trying to create?

Richmond has many different areas, each with their own distinct characteristics. Each area should have been assessed with public consultation before implementing these Policies. Council made an error by not seeing that this was done. The Developers were turned loose and encouraged by the Urban Development Division to accumulate land all along the designated Arterial Roads and to apply for rezoning. The Urban Development Division made an error by working only with the Developers while forgetting and ignoring the single family property owners. The Urban Development Division made a further error by trying to implement the Arterial Road and Lane Policy in 'blanket fashion' all over Richmond. Redevelopment plans that are now being presented to us should have been discussed with the neighborhoods before declaring open season for developers to accumulate land.

Well here we are in an escalating fight with each other- single family property owners (tax payers and voters), the City Council, Developers and the Urban Development Division! Our neighborhood will not accept the planned redevelopment. There are 5 unwanted rezoning applications in the works already with more to come. This is such a waste of every ones time where we have to cut our work day short to come to meetings and try to protect our single family neighborhood. Our neighborhood would rather be spending time at our jobs earning money to pay our mortgages and taxes (Federal, Provincial and City of Richmond) and enjoying the life style at our single family homes.

We find it distasteful to be in a serious conflict with our own 'tax funded' City Hall and its 'stealth planning' to destroy our neighborhood. We are determined to fight to preserve our single family life style and will continue to do so - only more vigorously going forward towards November.

#### What is the solution?

- 1. Council should recognize that there is a serious problem and take immediate action to start correcting it.
- 2. Council should immediately put a moratorium on the Arterial Road Policy and the Arterial Lane Policy implementation until it is in 'final workable form'. Continuing to process rezoning applications while the Lane Policy is under revision is not the correct thing to do. Continuing to force redevelopment into single family areas where it does not fit is not the correct thing to do.
- 3. Council should be 'steering' the redevelopment and rezoning to areas where it is suitable near transit hubs, near shopping malls, along the Rav-Line, and other City Center locations. This simply has not happened!
- 4. There is concern and lack of agreement on the Arterial Road and the secondary Arterial Road classification. This classification should be reworked with Granville Avenue West of Railway removed. There are other areas that should be removed as well. To draw blue lines on a map with very little thought is totally unacceptable. To apply these Policies in 'blanket fashion' along these blue lines is also unacceptable. 5. The Urban Development Division requires some changes. Council should initiate a badly needed 'proactive planning process' in the Urban Development Division where more than just Developers have a say. This planning process should consult with neighborhoods before policies are implemented. This planning process should steer redevelopment to where it should go and public consultation should take place before Policies are implemented and Developers start to accumulate land. The City of Richmond should hire some more Staff to alleviate the current overload situation that the Urban Development Division is currently in. These new hiring's should have experience with aesthetics, buffer zones, transition zones, parks, setbacks and open spaces and be able to properly lead the City in managing redevelopment and densification outside the City core.
- 6. Council should establish a 'Protected Area Policy' where single family neighborhoods can have some certainty about zoning and not be living in fear of the next Developers rezoning application. Neighborhoods do not want to constantly fight one rezoning application after another that threatens their investment and single family life styles. A Policy should be formulated immediately for the Gibbons/Riverdale/Thompson neighborhood.

Developers have accumulated land at their own risk and the City of Richmond does not owe them automatic rezoning approval. A common argument is that the Developer has a large amount of money invested in his rezoning application. He is following the rules and only doing what the City has asked him to do. Therefore, we should support their rezoning application (even if it will destroy a single family neighborhood and hurt people's lives). The problem here is that Arterial Road Policy is flawed! Council is trying to implement a flawed Policy! The Urban Development Division is trying to apply this flawed Policy in blanket fashion throughout Richmond with no preplanning or consideration for where the redevelopment should go! Do not blame either the Developer or the single family property owners for being mad at you. To allow rezoning based on this common argument will be to forcing unwanted rezoning onto single family neighborhoods who do not want it. It will destroy single family investments and life style. Once again, please recognize that the problem is the poorly thought out Arterial Road Policy and the mismanagement of its implementation! Council should focus its energy on fixing these problems. The City of Richmond is not 'locked in' to giving Developers rezoning approvals and should stop doing so until a workable Policy is in place. Do not continue to try to fit a square peg into a round hole. Do not continue to process rezoning applications based on this misguided argument - that you owe something to the Developer.

It is difficult to have to write a letter of this nature, but hopefully it will assist Council in solving a growing and already an explosive problem. The problem in the Gibbons/Riverdale/Thompson neighborhood requires immediate action. I recommend to Council that immediate action be taken 'on all points in this letter'. I also recommend that Council stops the unwanted rezoning and redevelopment in the Gibbons/Riverdale/ Thompson area. Our entire neighborhood wants to have No.1 Road as a buffer zone between the high density townhouses on the West side and our single family R1-E zoned neighborhood on the East side. We all know that once one rezoning application approval jumps over No.1 Road, our whole neighborhood will fall 'domino style'. This high density encroachment would be 'neighborhood busting' and 'neighborhood destroying' at its best.

Let's hope that some common sense prevails.

Yours truly, Tan Frier

4240 Tucker Avenue

Richmond, B.C.

V7C 1M1

To Raid May 10,05

MAY 10/05

CITY OF RICHMOND URBAN DEVELOPMENT DIVISION

FAX 604-276-4052

FROM.

JR & DS. KIRK

604-274-7320

City of Richmond Council, Urban Davelopment Division

City of Richmond 8811 No. 3 Road Richmond, BC V8Y 2C1 Canada

RE: ARTERIAL ROAD REDEVELOPMENT POLICY LANE ESTABLISHMENT POLICY

Dear Sire!

This is to express our support for the redevelopment of properties along arterial roads, particularly for multi-family use.

The need to provide for a range of housing options for a growing community is best accommodated through controlled redevelopment along arterial roads. Multifamily developments concentrate the growth on the busier street frontages which have become increasingly less appropriate for single family homes, reduce the number of driveways onto busy arterials, and leave the existing single family neighbourhoods intact.

We understand that multi-family developments permit greater control over design and allow opportunities for the public to be involved in the approval process. Generally we would prefer a well designed multi-family development with good quality landscaping, over small lot single family redevelopment with lanes.

Thank you for the opportunity to express our support for greterial road redevelopment.

Sincerely,

Mr. Julian R. Kirk, Property Owner

4171 Wastminster Highway Richmond, British Columbia

V7C 1B3

Mrs. Dearing S, Kirk, Property Owner

4171 Westminster Highway Richmond, British Columbia

V7C 1B3

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Granville Avenue
No. 1 Road

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Please leave in the designated Comment Sheet box or give to a City staff person. So that our neighborhood does not have to fight to protect owise ves from much teel developers. Thanks for you feedback.





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April 27, 2005 Open House

Granville Avenue No. 1 Road

COMMENT SHEET	
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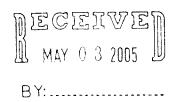
Granville Avenue No. 1 Road

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Please leave in the designated Comment Sheet box or give to a City staff person.

April 27, 2005 Open House



Granville Avenue No. 1 Road

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Please leave in the designated Comment Sheet box or give to a City staff person.

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Please leave in the designated Comment Sheet box or give to a City staff person.

Granville Avenue No. 1 Road

## **COMMENT SHEET**(Please print or write legibly)

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Please leave in the designated Comment Sheet box or give to a City staff person.

Granville Avenue No. 1 Road

## COMMENT SHEET (Please print or write legibly)

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Address:	
Comments:	THE REZONING WILL DIRECTLY
	EFFECT THE SAFETY OF OUR
	PROPERTY. WITH THE DEVELOPEMENT
<u></u>	OF A LANE BEHIND THE PROPERTY
<u> </u>	DUR HOUSE WILL BE MORE VOINTRABLE
I	O BREAK-INS. ALSO THE TRAFFIC
£	ND CONGESTION IN THE AREA IS
<u> F</u>	HEREADY INCREASED TO A POTNT
	HAT AT TIMES IT IS QUITE
	WSAFE TO WALK ALONG THE
	ESIDENTIAL LANES.

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:
Address:
Comments: (1) TRAffic in the ones is congested stresdy
(without more multi-formily somplex)!
@ Back lone recess will increase crime
vote.
(3) I m definitely to not wont to
give up my sver of my property to faciliste a back lone poll
4 Denser bopulation means crowded
Me hou enough school
children for the schools in our over!
More multi-fruity complex come up HIII
Please leave in the designated Comment Sheet box or give to a City staff
person. (I am vaining out of space of mile dell mus
Thanks for you feedback. Comments here !!!!

Name:	
Address:	
Comments:	THE STATE OF THE S
	KEZONING. We would like
	the this trea the way
	its. No Town howses.
	I would like to make a
6	Freen house. Don't wont
-	tuis area Crowded with
- -	traffic:
-	
_	
_	

Please leave in the designated Comment Sheet box or give to a City staff person.

Granville Avenue No. 1 Road

#### **COMMENT SHEET**(Please print or write legibly)

Name:	
Address:	
Comments:	lle are in favor of
	developing # 1/ Road as
	the existence are old and
	ugly houses which make
	the neighbourhad look
	terrible,
	Please do something
	to improve our neighbouhoux
	in # 1 Porce . Hu houses
	ocross our hour look better
-	nese take a book in # / Road Getween
Place leeve	Gransle and wet muster.

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments	: We are in favor of having a multi-family
	duelling along No. 1 Road.
	We are also in favor of small lot
	N-2011y.

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comment	s: TOWN HOUSES WILL BEDE
	MUCH VETER THAN THE AUGUS
	OLD HOUSE THAT ARE THERE
	GO AHEAD AND DEVELOP
	ALOT OF PLACES ON #17
	ARE ALLREADY CONVERTED ON
	# 1 RD SO WS NOT THE ONE
	OF 6840 AND THE ONE SOUTH OF
	1T,

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comment	ts: NO OBJECTION FOR DOIGLOPMENT
	EVERY ONE CANNOT AFFORD MILLION DOLLER
	House, You Couns STOP Derelopment because
	Some people leke to legre in Big (of
	House only we need Town Houses or
	Small lot so that People Con affert
	to leave in neighbourhood
Please leave person.	e in the designated Comment Sheet box or give to a City staff

Thanks for you feedback.

person.

COMMENT SHEET
(Please print or write legibly)
Name:
Address:
Comments: Preserve sende family character & lunkility of area
Reject multiple family tregomingapples 15 Ex /4011
- Retain our neighborhood as a sengle farmely with RI-E large los
Reject small 30-33 ft housing within our neighborh
Have Grenorlican Was railway kerning from the arteric
- Harethopingle family zone of make permanen so that our might orthood does not have to
fight to protect ourselves everyters e a Neveloper puls en an application

	COMMENT SHEET
Name:	(Please print or write legibly)
Address:	
Comments	: THE FEORLE OF THE NEBBORHOOD PONT NOW,
	THE LANE ON THE STOP OF TUKER
	HOWEVER SOME HAVE EXPRISHED INTEREST
	IN TWO BRIGE FAMELY LOTS - HOFF COMMENTS
	TO COME
-	

Name:	
Address:	
Comments:	I AM OPPOSED TO ANY RETOUNDLY
	OF OUR ARBA, I DONOT WANT
	ANY HIGHER DRINGITY HOUSING
	IN OUR AREA, I THINK WE HAVE
	FLACUSH WITH THE TERA NOVA
	DE VEWPHINT. WE MOVED TO
	IMIS ARRA ZZYRARS AGO ROR THE
	STYLE AND THAT IT HAS NOW. AND
	A DONT THINK HUHRR DIGISITY.
	WOULD BENJET THE ARRA.
-	

Please leave in the designated Comment Sheet box or give to a City staff person.

COMMENTSHEET
(Please print or write legibly)
Name:
Address:
Comments: I am completely 100% opposes to
all the rezoning applications shown at this
Open House (File Nos RZ 03-244042
RZ 04-272729, RZ 04-275922, RZ 04-2757
RZ 04-2075)
I have lived in this neighbourhood for over
22 years. I DO NOT WANT ANY OF
THE APPLICATIONS TO BE APPROVED.
I do not want higher density, smaller lots or more
multi-family homes.

**COMMENT SHEET** (Please print or write legibly) Name: Address: Comments: developments Congertion townhouse will decrease Please leave in the designated Comment Sheet box or give to A City staff

Thanks for you feedback.

person.

#### COMMENT SUPET

	(Please print or write legibly)
Name:	
Address:	
Comments	S:
	Please det air Single Family
	Residential zoncy on large
	lots for the area is question.
	This will continue the development of large
	and not charge the
	character of the neighbourhood.
	There are payme who wish to marke
	in this area & Iwi the Histyle - Lorens
	alwayt sell genilly.
Please leave person.	in the designated Comment Sheet box or give to a City staff
Thanks for	you feedback.
$\rho_{\sigma}$	Tuche Ave De tet 1 access
<i>/</i> CC.	a la tre access
1480248	Tuche Ave De tet put

1480248

Name:	
Address:	
Comments	: I DON'T WANT ANY MOUTH - FAMILY DWITHING
	OTHER THAT THE EXISTING DURGETES, IN
	THE BIBBONS AREA. ( ALSO OBJECT TO
	THE INSERTION OF BACK LANES IN OUR
	AREA. THORE ARE ENOUGH MULTI-FAMILY
	HOUSES IN THE NEIGHBOR HOOD. 1E WEST
	SIDE OF NO. 1 RD PLUTSE LEAVE OUR
	BLOCK ALONE

Please leave in the designated Comment Sheet box or give to a City staff person.

#### Granville Avenue No. 1 Road

# COMMENT SHEET (Please print or write legibly)

Name:			n e		
Address:					
Comments	My family change our	_did cammi	not mity	like	10
-					
-					
-					

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments:	I dent Think This is fair far no to
	be cricted from our very first hame
	We came here 10 years ago and warked
	so hard for 5 years after immigrations
	Just 80 we can penhalan and and projectly.
_	No are not getting any yourget and to
	Start all arch again will be very hard
	for my. In a few years time, we would
-	like to retire and what appears workfully
	fair cent montgage.
	N& feet secure as in this area and me
	in the designated Comment Sheet box or give to a City staff in a lain

Granville Avenue No. 1 Road

# COMMENT SHEET (Please print or write legibly)

Name:
Address:
Comments: I want the multiple family hegaing
# 6880 Mo. 1 Rd. plus The 4031 Ducker au
\$ 6880 mo. 1 Rd. plus the 4031 Ducko B.
KEJECTED!
The want our neighbourhood to so man
The want our neighbourhood to remain as sengle family with RI-E going
Le elsewhere to devolop!

Please leave in the designated Comment Sheet box or give to a City staff person.

Granville Avenue No. 1 Road

#### **COMMENT SHEET** (Please print or write legibly)

	3 77
Name:	
Address:	
Comments:	I AM 9611WSV ALL 5 REZUNION
	APRICATIONS, THE ARTERIAL NOA
	Pokicy is THE WORST POLICY
	I HATE EVER SEEN IN MY
	35 YEARS AS RESIDENT OF
	RICHMOND,
	I WILL WRITE LETTERS TO
	EXPRESS my VIEWS AT
 L	THERE IS NOT ENOUGH ROOM
	DU Atie HGE
	n the designated Comment Sheet box a City staff
Thanks for yo	ou feedback.

Name:		# · · · · · · · .	*
Address:	19 P. Com		
Comments:			
	This is last	and of Richmo	and with
_	targe tots	Do Not a	llow this
	This is last, targe town	house Congla	2 P/SC
_		/	
_			
_			
_			
_			
_			

Please leave in the designated Comment Sheet box or give to a City staff person.

Thanks for you feedback.

1480248

		COMMENT SH			
•	(1 lea	ase print or writ	e iegidiy)		
Name:					_
Address:					
Comment	s:	Δ			
2	I Alink	17 13 pan	absolut	Shame	-
intend	to char in	P the list	of Chale	with	
	Parge, Osto	Me 8120	- los wi	nd million	· /
	the over of	milhon a	dar hon	nes, and	/
	Create in 1.	MX Of Ma	By Minishy	mit Ahs	
	arra !	Am A Ki	ome Onner	and	
	also pr Mi	rator s	o Jam a	Sfea know	
	7//-	of chim	B & Marly,	hous	
/6	10 Well. 1)	15 /5 /00	unique	n Atea	
(	to be Sports	ed !!! f	Mape 15	to Starl	
Please leave person.	Do WM. Do Sports  The Sports  In Run mont of the designated Company  you feedback.	Ans Jutta Comment Sheet	box or give to a	City staff	Yeals
Thanks for	you feedback.	, <b>v</b>	,	in Ahrs c.	Thy 1
	Sollard				
1480248					

Name:	
Address:	
Comments (	Daton strengly against the major roads to
	blild townhomes and multiple family homes
ú	because they will get the traffic very busey and
Į	Ery roise and the traffic accident will happen a lot
ي)	I very very against to have the land because
=	is very dangerous for the people and wive
	And will have orininal things happen
	Very very strongly against to build the townhomes
_	and small single family house in NO I Road and
6 <u>7</u>	narvelle the they will get these is low density area
2 2	be high density area: Around the Louse price will to the back on the designated Comment Shoot how and it to
rease leave i	In the designated Commont Shoot bear and the common of the

Please leave in the designated Comment Sheet box or give to a City staff person.

- 3 becomes lower they traffic is very busy, is not good for the Kids water walking to school and play outside He house And No more private area in the house.
- A City Planer and traffic Planner please when you start to design somethings. You need to the think about it is useful or not. Someth Sometime will tring trouble to the user.

Name:	
Address:	
Comment	s: 1 Moved into the bilobins were 15 years
	ago due to the single family nature of the
	aven. There years ago I would and elected
	to stay within the even. Today I am upset
	that the disputer of the negations hood is
	bang throatened
	- Will likely moss eventually into a
	Multi-family neighbourhood and appreciate those
	mighton hoods in Richard. However, I feel Strongly
	Cets about protecting my current single family
	heighbourhood for those who come after me.

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Comments: _	This heighborn bord stall remain a single family
neig	nbuchova - I am against these current applications
	further sub-division and any multi-family development.
	I Change will gravely affect our neighbourhoods
	ty, the traffic congestion That is already
si <u>g.</u>	reficant and will only increase with the
film	noval of River Road for cross town traffic.
Gr	anville Are is to should be permanently
/les	moved from any Arterial road designation
, 3	he privacy of our home, the safety of our
	ruly and the security of our home are all rish with any further development of our in the designated Comment Sheet box or give to a City staff
person.	neighbourhood. This must stop now

Granville Avenue No. 1 Road

# COMMENT SHEET (Please print or write legibly)

Name:
Address:
Comments: / absolutely am AGAINST ALL OF
THE EXISTING and any FUTURE applications
for any multi-family dwellings in This neighbourhood
NO ARTERIAL ROAD designation for Granville Ave
o No lanc way establishment along the EAST
Side of No. 1 Road and Granville Ave.
This neighbourhood is to remain for as a designated
single family neighbourhood, roned completely as
existing lot size designations - no further lot subdividing
permitted.
These proposed changes to our neighbour hood will

Please leave in the designated Comment Sheet box or give to a City staff person.

COMMENT SHEET
(Please print or write legibly)
Name:
Address:
Comments: Current regaring applications on Tranville
between Riverdale Drive and #1 Rd is too
piece meal. There is no bridence of an OCP
for the Gilbons, Lamba Tucker, Riverdale and area.
Luture reactestial along hawille are from Kinerdale
Drive to #1 Rd, and #1 Rd to Thompson Elementary
school will affect all properties which they back
on to
This area must be maintained as a single family
Klighbourhood, Multi family (Townhomes) are
not part of this area and future proposals
Please leave in the designated Comment Sheet box or give to a City staff person.
Thanks for you feedback.

for these types of regoning should be not permitted through a moratorium. Single family residential is how this neighbourhood and area should remain. Proposals in this area for multi-family needences will inculase the already blavy maffix flow on Granville and #1 Rds. Heter In some ruses where there are I homes, 28 townhomes are proposed. The amount application is an example of the increased fraffic which will shirt, luneatly 2 homes x 2 vehicles = 4 vehicles, 28 townhomes x 2 vehicles = 56 vehicles

	COMMENT SHEET (Please print or write legibly)
Name:	
Address:	
Comments	:
	Under no sucou stances
	Le like 3 stoney
	two homes lieura leur It
	behind up. My buckgards
	belongs to me and not
	to 3 sterey togonhames with
	ho bock your
	Courant Perking an Gamber St
	ho way 6

	COMMENT SHEET (Please print or write legibly)
Name:	write regiony)
Address:	
Comment	s: We have lived in this
	quiet reighbourhood for
	almost 26 years. We love
	the ofmosphere; large lots single
	tamily home, ditable and small
	streets Please do not allow
	Lownhouses and small tots to
	come intour neighbourhood

(Please print or write legibly)			
Name:			
Address:			
Comments:	I am opposed to am		
	townhouses being developed		
	in our neighborhood. I am		
	willing to put up with single		
	family homes on smaller lots		
	but the feeling in the neighbord	] 1000	
	the traffic, etc would be changed	/	
-	dramatically the very reason		
-	We purchased in the neighborhood		
-	would be lost.		

Name:	
Address:	
Comments:	
	Léave as is
	Your fing Making
-	Richmond un Liveable +
-	Wanting to get out
	Been here all my hife
_	

Please leave in the designated Comment Sheet box or give to a City staff person.

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments: I am against the redevelopment of our	
neighbourhood! I wish the city to retain to	C
single family envisionment. The area trus date	1000
who a unique neighbourhood with single tamilly	y har
do not goilthe idearity by atting no mall	(
services next to anyle terriby. Theremest be a co	trai
That supports the liestile & desires of the crow	ا ما سان
THE MEIGHTOOK WE WANT IN CAME	+ 1
will the season will	
The state of the s	
supposed more cars (GIVXXIIS cannot be made who area be	عد کے دمان
and and and and and	Do
Please leave in the designated Comment Sheet box or give to a City staff person.	L
Thanks for you feedback. Not destroy as neighbour ha	211
Please keep it as a single terriby area -	- · ·
(a) CARANTANAN	

Name:				,	··
Address:			**. 9,	÷.	
Comments	I am a	saired the	building of	They Condos	/ <u>)^</u>
	mult forty	housing di	explopment. I	vish for	this.
	Corr area	to Remain	Single- Forall	ly houses. I	- want
	PHJacy!		,		
					···
				480	

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:  Address:  Comments: - maintain sample family may know hered  within largery sample family may know hered  less of privacy largery sampley  and security lors  - do not work my property  dividual by mills family  which is a mistale take interessent  derich already on place  The force and turn to a brandouse jungle  Please leave in the designated Comment Sheet box or give to a City staff - me of to  person.  Thanks for you feedback.		COMMENT SHEET (Please print or write legibly)
Comments: - maintain single purchy reighbourhood with Corporary ARRIA  - do not want encolated deanly loss and receiving loss and property devalued by mally family land and her mally family learned and application along many account dennity wheals in a mintake take into account dennity wheals in place.  Please leave in the designated Comment Sheet box or give to a City staff - mand to person.  Thanks for you feedback.	Name:	
- do not want evoluted deardy  less of property loss  - do not want my property  devalued by mills family  emerchment  - un form replication along major  attended in place  - the Roma and turn the a bunkness graph  Please leave in the designated Comment Sheet box or give to a City staff - need to  person.  Thanks for you feedback.	Address:	
Los of privary harfur safely  and security loss  - do not want my property  divalued by milk family  ensemblement  - unfor application along major  atteries in a mirtale - Take into account  tourity already in place  to kova and turn to a trustance jungle  Please leave in the designated Comment Sheet box or give to a City staff - need to  person.  Thanks for you feedback.	Comments:	
devalued by mills family  Linearchiners  - un form application along major  alleries is a mistake - take into account  lemily already in place  - to I know and turn to a brushouse garge  Please leave in the designated Comment Sheet box or give to a City staff - most to  person.  Thanks for you feedback.	-	- do not want encolated demide, los of privacy, happie, raply
Please leave in the designated Comment Sheet box or give to a City staff - need to have variety.  Thanks for you feedback.	~	-do not want my property devalued by medic family
Thanks for you feedback.  The state of the s	_	uniform application along major utlevies is a mistoke - Take into account dermite alreade in stars
Thanks for you feedback.  along its		and the state of the state - meet to
to and the formation	Thanks for yo	

	COMMENT SHEET (Please print or write legibly)
Name:	
Address:	
Comments:	I am concerned at the puce
	ment plan heing presented.  Touching thich Dhalwal's plan.  This land and men is far  too descreable and rare to back  into t and to screek haphyandly.  There was a plan presented  to us 15 years ago showing single  Ramily subdivision going in
Place leave	road could go off of grandelle.)
person.	in the designated Comment Sheet box or give to a City staff so they ou feedback.  Side 6811 and 6851.
Thanks for y	ou feedback. Side 6811 and 6851
2 hv allt 1480248 at a	w presented an opportunity to white and a good plan white suld increase into the

the City to look at, than this one.
I will contact you, as I have to
go back to work but feel this
may be a better plan.
This
take I had again
we unfair to the residents.
Let's take another lask at
this previous idea & make it
at a luxury level.

Name:

Address:

Comments: We originally porchased the above property approx & years ago, one of the reasons being we appreciated the neighbourhood with unique Single family homes and would like it to wemain the same. We strongly object to Mezoning Single-Pamily lots to town house and other multifamily é meleings. In particular, the culting down of large trees that are part of the Character of the neigh boothood

Please leave in the designated Comment Sheet box or give to a City staff person.

COMMENT SHEET (Please print or write legibly)
Name:
Address:
Comments:
THERE 15 NO WAY
TOWNHOUSES BELONG BACKING ONTO
OUR PROPERTY WER CROWANG SCHOOL
PARKING ON STREETS NOISE
THE TERRA NOVA DEVEL HAS CREATED
MUCH NORE STUDENT TRAFFIC ON OUR
AREA I WOULD HAREE TO 2 HOUSE ON
LLOT BUT NOT TOWN HOUSES.
10. No. No
FOURTEEN TOWNHOUSES MEANS AT LEAST ANOTHE
Please leave in the designated Comment Sheet box or give to a City staff
Thanks for you feedback.  ## ROAD (WHICH SHOULD)  BE BANNED
Thanks for you feedback.  BE BANINED

MORE LANES COMING INTO A QUIET SINGLE FAMILY AREA.

Name:
Address:
Comments: Radavay Franville Turning
into Rachway must be the
end of the arterial road
The quet safe nature of the
existing subdivesion must reasure
as is - alteracy the townhouses
on the east sede of No. 1. are
beginning to look neglected
- Where will all the extra
Cers park? - Reople abready
Vilat Mittons as a heat was
Please leave in the designated Comment Sheet box or give to a City staff
person.

Name:	
Address:	
Comments	S: I STRENGLY BISAGREE WITH ANY APPLICATION
	TO CHANGE THE ZUNING FROM SINGLE TO
	MULTIFAMILY DWELLINGS. MY WIFT AND I
	CHOSE THIS AREA TO RAISE OUR TWO
	SINS IN OUTR 18 MS AGO BELANSE OF THE
	QUALITY OF THE AREA AWS IT'S WELL
	ESTABLISHED SINGLE FAMILY DWELLING ZONING.
	THE TOWN HOUSE DEVELOPMENT! ALONE THE WEST
	SIDE OF NO 1 RD. HADE NOT IMPRECED THE
	QUALITY OF THE DEIGHBONNITOOD IN MAY WAY
	AND IN FACT HAVE ERODED IT. THEY MAKE
Please leave	in the designated Comment Sheet box or give to a City staff
Jet 20II.	- O CERTAINS THAT A DEVELORA-FAST - 1 PLANTER
	TUPN IT
uanks ior //	You feedback. NEVILE WOOLD TRAVEL TOO FATT
O.	" THEIR WAY THROUGH ANOTHER PLASTIC
	EIGHBOUR HOOD THAT FEW PEOPLE REALLY CALE
180248	BOUT ANYMORE IN THERR LITTLE CUBICLE

CTACKER DUM THEIR

Granville Avenue No. 1 Road

## **COMMENT SHEET** (Please print or write legibly)

Name:	
Address:	
Comments	Concum as there is little continuity.  Some areas and up with 33' potential  for the whole shout the plan for Examilhe  so a mix of 33' / Tourhous / New house (southing  and is a mess.  We are not us support of this

Please leave in the designated Comment Sheet box or give to a City staff person.

Granville Avenue No. 1 Road

## **COMMENT SHEET**(Please print or write legibly)

Name:	
Address:	
Comments:	Gibbons Drive is already a very busy road
already problem	and with the elementary school nearby there are with safety. If we have multiple-family rezoning
approved, this	will worsen the traffic congestion. Crime and
Security wi	Il be worse. Neighbourhood will become
more noisy-	Townhouses do not fit the character of
thes neighbore	surhood
It is HIGH	t TIME to fill in the ditches to prevent
	iterborne diseases such as West Nile Virus.
LEASE FIL	LIN THESE DITCHES before West Nile
livus become	es a problem out of control
Place less.	

Please leave in the designated Comment Sheet box or give to a City staff person.

Thanks for you feedback.

: are AGAINST multiple residential units rezoning

1480248 Thank you.

Name:		
Address:		
Comment	: Me have taken fifty years to develop our	
	properties with mature trees and laune who	
	The Sull degree destroy in thirty minutes . Ou	4,
	Graperty was originally earned with grove The st	L.
	have and maintain our own diteres, the reads a	 <u>EC</u>
	marker and we have speeding cars in Ribbons +h	
	refuse to wait for the light on the and Mostminter .	
	Oll the local amenities are hursting at the seams!	
	The hopfistal, they basking lot at Save on Forder -	_
	what is this nursy - its a lond grab-pure & simple	1 2
		-

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:
Address:
Comments: CONS - The "city has less introl
over design - it should not make
a différence.
STOP the rising density, more the
density to the flat Line area.
START Listening to The Neighbors of the
agende needs to be balanced - not
Ithat of the zurlous Gort. employees.
Save the existing Character 15 it
maintainthe culture of the area.
Rochmelis becoming the residential WAR MART
Please leave in the designated Comment Short box of the GVRD.

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments	s: We would like to keep the existing frontage
	ef our properties and we object to
	multiple unit housing in our avea.
	We would like to keip our heighbourhood
	residental
	family zone. The proposed re-zoning
	well change our neighbourhoods
	Strengthone

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments	- lie nied to protect the all
	_ cour for Single Framig
	Homes - lucy ferry needs garden,
	Jaggenoure in safe neighberhoose
	I Love where I have I feel me new
	to puolect the acrean from Granwelle/le
	to Riberdala. Where else me
	care live ence tise our children?
	In Joron James? I don't think so.
	I himt filher for net generation
	in Single fernig homes.
Please leave person.	in the designated Comment Sheet box or give to a City staff
	1 les 4 de lucy leing is
Thanks for y	ou feedback.  My four to puo Lees
	our Reighlochood our
1480248	Comeny !

## COMMENT SHEET (Please print or write legibly) Name: Address: have tradited & level many Mucas access Canada & The Blatic And Luy 1909 The Mars Commencer 1 The forestill of many Mus Jorks & Whiteak Jokes James and Theodo price operat. Don't exmot making enough with the leveloling soldnets. Do you think Please leave in the designated Comment Sheet box or give to a City staff, person. this glasse Thanks for you feedback. flushing

ı	COMMENT SHEET (Please print or write legibly)
Name:	
Address:	
Comments:	
	NO MULTI TENNANT
	DWELLINGS NEEDED IN
	THE GIBBONS DRIVE AREA
	NOW OR EVER
_	THANK YOU

Please leave in the designated Comment Sheet box or give to a City staff

Thanks for you feedback.

person.

Name:	
Address:	
Comments:	Tox for You AND  Luc nes of ony Hink  No diday No special bought.  De You think We gone  Vote for You? No!!  Know be opose this!  You only cove about I for you
	And then you look for new jobs.

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:		
Address:		
Comment	nts: 1 DO NOT AFFREUZ OF THE NEW PLAN F	in_
	GRANILLE NO I ROAD. BEGNUSE IT WILL LOW	
	THE PROPLEMS THAT HIGH DRUSETTY BRING TRAFF	
	PEOPER CRIME. THE LANE IDEA IS A INVI	MITTON
	FER CRIME.	
		<del></del>
		-

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments	: Rezoning on #1 + Granville is going to
	Ald more traffic which is a concern.
- id	Iam concerned about Security at Thompson
	School- gates closing the parking lot on Forcythe
	næt lend regular police drieby- Now He
	irch" + parking lot are popular drinking & drug
	langouto.
	Concern with exteet lighting on Abbens between
SA	one crop + Forseythe + along forseyther to Westminster.
The	skeetlights go on and off weexpectedly making
W 12	hter evening walks require a flash light for those extions.

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:
Address:
Comments: The want to
Pracede the sigle family charetar and Evaluitity
our neighborhood,
"Rejot Maltifaril townhouse Verning polication
at 4111 & 4093 Graville à 68 par 6680 NOIRO
OKetan as Sigher family with RI - E lauge 1st rong
. have Not Rod Yemainas buffer between our sight
family nighted adcorred of 645 hight deasity
town houses on the west side of NO, IRal
dave Granville fre west of Rinkway removed from
-the Arterial Road charles is
Please leave in the designated Comment Sheet box or give to a City of St.
The So that our horal ( amily Zoning made permanen
person. 4 Have the Sight family Zoning made permanen Thanks for you feedback. Heighbourhood does not have to fight to pretoct our selves every time
a Developer puts in an application

Address:	
Comments	
	We fait the add't dweling.
	Hours Pur the Lett of ff.
	Might southour 14 15 0 Cheale
	gueste busy with lots of cars
	Yacing down Gibbino.
-	

Please leave in the designated Comment Sheet box or give to a City staff person.

## **COMMENT SHEET**

(Please print or write legibly)
Name:
Address:
Comments: I have had the pleasure of living on
Gibbons Dr for the past 25 yrs I'm
opposed to the latest developments.
Not to mention the increase in traffic
to this area, which is already a hazard
Our ichildren have grown up in this area
They have attended the local school.
They have been lucky to have a large
yard to play in, open fields at the
School and well even ditches to play
about. In my 25 yes living in this
About. In my 25 yrs. //ving in this year I have Seen many Changes and person.
person. This is one I really don't
Thanks for you feedback. Want to see It is a
unique reighbourhood, one that many
reaple from other communities envy. I
unique reighbourhood, one that many beople from other communities envy. I nave noticed that crime + property damage
The state of the s

many years on the traffic issue on Gibbons It is horrendous! This past week we have seen a white line added to the edge - to me it really points out the how narrow the street is. More traffic - no way I hope a med will listen to us when the is not wanted in our neighbourhood. I cannot imagine anyone who lives in our area would want multi-family dwellings. I am sadden also at the lass of the trees and wildlife due to developments. Lynas Lane by the community centre Looks used to be lined with large trees now they have been taken out Please listen to us - no multifamily, smalle 1st developments I grew up in Cora Brown which was expropriated by the airport None of the Families there had a choice - I do. The Thompson area was the next best place to bring up my family to allow them the type of childhood I had.

Thanks

Name:	
Address:	
Comment	s: AS A RESIDENT OF GIBBONS DRIVE FOR
	OVER S3 YEARS I WOULD LIKE TO
	GREONGLY PRORST ANY REPEAT ANY
	MULTI-BATICY DWELLINGS IN OUR AREA
	THE INCREASED THATTIC ON GIBBONS DRIVE
	WOULD TURN A BAD SITUATION INTO A
	PART POTENTIAL DANGEROUS CNE, CARS
	UNFAMILIAR WITH THE SMET HAVE &=
	A MAJOR CONCEST
	AURSMUS PROVIDER SCHOOL ARCHS NO
	CHICAREN, ANY MORE TRANSPORCE
Please leave person.	e in the designated Comment Sheet box or give to a City staff
Thanks for	you feedback.

THE CHARACTER OF THE NETGHBOUR HOED IS ALSO IN QUESTION. HUDWING DEVELOPHENT OF THE SORT PROPOSED WOULD UNDERMINE A QUIET NETGHBOUR THAT HAS TEN SEZURITY AND MATTIC PROBLEMS.

WHEN THIS (550 WILL WITH AT

A COUNCIL MEE A PROPERTY

OF THE GIBBONS DRIVE SUBDIVISION ALONE

AT THE REALEST OF THE RESIDENTS WHAT

HAS HAPPENED TO THAT AGREEMENT?

AGAIN, PREPENT LEAVE THIS AS A A NETGHBOURHOUS AS AS A STOCKE I SEE NO THING POSITION I SEE NO THING POSITION OF THE AREA UP TO MULTI- FAMILY PAUCICINGS AND THEIR ENGLY PRIBLEMS.



( Land Land Land Land Land Land Land Land
Name:
Address:
Comments: ONCE THE HIGH DENSITY IS IESTABLISHED
ELBBONS WILL BECOME A MAJOR HIGHWAY
PEOPLE ALREADY BYPASS / ROAD O
TRAVEL AT GREAT SPEED ON GIBBONS.
WE HAVE A SCHOOK - THOMPSON - PITCHES
1 NO SIDEWALKS - YOU ARE COURTING
A PANGEROUS SITUATION - YOU'LL LIVE
TO REGRET HIGH DENSITY.
PLSC HOW ARE YOU GOING TO MOVE PEOPLE
OUT RICHMOND? ALREADY THE TUNNEL
NO 2 RP & DINSMORE ARE BACKED VP.
Please leave in the designated Comment Sheet box or give to a City staff
PLREADY OUR HOSPITAC 15
Thanks for you feedback.  OVERCROW DED - THINK
SERIOUSLY ABOUT THIS SITUATION
1480248 TTS TIME WE FORGET GREED

Name:	
Address:	
Comments:	
	Enjoyment of single January Civing
	sell be gone.
	Investments in single Junily dellings
	will be exoded.
	Townhouses do not get character
	of newton took
	Increased taffee on Gilbers - parking on
-	boulevochs etc.
-	
-	

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments	s: 10, 10, 10,
	Please do not altre change one
	neighbourshood Gibbons Drive have
	There are enough development
	This townhowses development will destroy
	are our unique forea.

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments:	We moved to the neighborhood becouse
	of its exclusivety. This is the area of
	big houses and larger lots. This is one of
	the most desirable areas in Richmond We
	do not want to live test next to toucho.
	with mostly rented cenits. We want to
	preserve out area and our livelihood where ne know our neighbours and felp
-	where we know our neighbours and frelp
-	watching securing other houses from burguers
-	There will be way more breaking ins
-	with multiple housing. Thope you will
Please leave i	in the designated Comment Sheet box or give to a City staff

Comments: Introducing townhouses into an  exclusive and presh grown area such crawille area as(cribbons Dr. ve) is contrageous! It breaks the continuity of the housing which is currently sincle family lot size.  It will make the townpharm of only Cheap looking, but also give a sense of doprenation to the area Somethiner current armors of expensive homes are against Tounhouses will bring more unwanted traffic to the area and will contribute to being an eyesaar for those who live the text trumhouses in areas school or they be to be the fire to	Name:	
exclusive and presh glows area such crawille area as (cribbons Dr. ve) is contrageons! It breaks the continuity of the housing which is convently single family lot size.  It will make the townphaming not only cheap looking, but also give a sense of depreciation to the area, Smething current owners of expensive homes are against. Townbauses will bring more unwented traffic to the area	Address:	
breaks the continuity of the housing which is currently single family lot size.  It will make the townplanning not only cheap looking, but also give a sense of depreciation to the area something current owners of expensive homes are against. Townbruses will bring more unwanted traffic to the area	Commen	excelusive and presh grand area such
It will make the townskemming not only cheap looking, but also give a sense of depreciation to the area, Smething current owners of expensive homes are against. Tounhouses will bring		breaks the continuity of the housing
homes are against. Tounhouses will bring more unwanted traffic to the area		It will make the townpleaning not only cheap
cand will contribute to being an eyesour for these who live there telep trumhouses in areas where they belong, not hore!		homes are against. Tourhouses will bring
Please leave in the designated Comment Sheet box or give to a City state		and will contribute to being an eyesour for these who live there telep trumbouses in areas who is there there was the sol
nerson	Please lea person.	ve in the designated Comment Sheet box or give to a City staff

Name:	
Address:	
Comments	: At the moment, (Globan's Drive) is an
	exclusive neighborhood. There you will
	fird large lots and either newly but mansions
	or renovated hamos. This means that the people
	who have purchassed homes in this area would like it
	to remain excelisive + single family lot size.
	Introducing smaller tourhouses would change the
	prestige It living in such a reighbrushood and
	would introduce more traffic and noise which
	current owners would like to keppata
	MINIMUM Continuity should be Kept in xuch awars,

Please leave in the designated Comment Sheet box or give to a City staff person.

#### **COMMENT SHEET**

(Please print or write legibly)

Name:
Address:
Comments: 1. Ody staff seemed very reluctant to lister (observation)
2. We want to retain single family character and
3. No backlenes in applications traffic does
not Justify Hus for Fucker road Application
4. Remove Grandle Ave Dotwn Railway & Hol from
Arterial Road Designation & reclassify as feeder.
5. Dengrate No 1 road 25 2 puffer between high
density an west side from single family on
East Side.
Protect our neighbour bood by designating our area a single for 25 years.  Please leave in the designated Comment Sheet box or give to a City staff
person.  2 Stoat including all stakeholders
Thanks for you feedback.  7. Start including all stakeholders  in plant policy planning, not
leave the neighbourhood,
1480248  Just accuerty 19 Just accurrence of leave the neighbourhood, leave the neighbourhood, leave the neighbourhood,

Name:	
Address:	
Comments:	· I don't believe Granville west of Railway can
	properly in characterized as arterial.
•	. Gibbous area is unique in Bichmond in that it has
	large lots, makure trees and an established character
,	Existing homeowners on Gamba + ohm streets
	should not have multifamily developments imposed
	on them then adjoining lots a near Ion from the
	back boundaries.
	The only way to preserve the character of their
	uniqueland is to containe the K-1 coming
	throughout, enclosed Exercise and the Chi.
	in the designated Comment Shoot have are give to a City at S

Please leave in the designated Comment Sheet box or give to a City staff person.

Thanks for you feedback.

there are alredy a large outmone of nuclei-family monits in the adjoining Terra Mova neighborhood

#### A Commence of the Property of the Party of t



- also, extra cenits on Granville west of hom Gibbons will increase traffic on Gibbons brive.

Name:	
Address:	
Comments:	Density Ranges do not
	Fit to character of the
	-bahuchen

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:		3
Address:		
Comment	ts: Changes to multis	and Dank of
	residences on our p	roperties
	thanges the charact	ter of our
	avea completely I	have been
	In residence of this	Jocation
	- Jor 60 years an	eith be
	Ista biggest and	1 most
	yselling change	Thang
	ever seen.	

Please leave in the designated Comment Sheet box or give to a City staff person.

	• •
Name:	
Address:	
Comments	s: We want the multiple family regence application
	at 4/11 and 4093 Granville file R Zoy - 275 922 and
	regiming application at 6840 and 6880 Me 1 good file
	RZ04-272729 rejected
	We frefer the uniqueness of the neighbourhood and
	processor the Character of our area to maintain as is.
	We har so many land in Richmond that are more
	appropriate and consinuence for townhouses to be built.
	Once they are from on one over its better for RCPP
	to Control the crime of that neighbourhood,
	We prefer Single family Resilential on long let option o

Please leave in the designated Comment Sheet box or give to a City staff person.

Granville Avenue No. 1 Road

## COMMENT SHEET (Please print or write legibly)

Name:	
Address:	
Comments	CE WART PLE ZONING BECAULE
	7 4111 a 4093 BRANVILLE RZO4- 2709
	A regening app = 20 6800 a 6800 no 1 Ro
	file 1200-272729 to be rejected
	because it is not fair to existing
	other own sight - home owners of
hani	tivested tie Thei properties with
	towahours around Them
	Privary will be endangered with
	toha hours soon as your
	backyard 1

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments	: would like to see "quiet" end of
	GRANVILLE AVE ( From RAILWAY TO * I RD)
	REMAIN SINGLE-FAMILY ON LARGE LOT.
	The only may to ensure a little
green spare in a	green space in this city is to
	own your own - and we all
	need and want that bit of
	Secenity in our Rives. There are
	enough townhouses in Terra Nova
	now. Take the pressure off this
	alea

Please leave in the designated Comment Sheet box or give to a City staff person.

RZ04.275922 RZ04.272729

April 27, 2005 Open House

Granville Avenue No. 1 Road

#### <u>COMMENT SHEET</u> (Please print or write legibly)

	(market Product of Market Legislay)
Name:	
Address:	
Comments:	Vehemently oppose any rezoning
	in our area. To accommodate
	either townhouses or smaller lots
	for single family homes.
	as residents of Gibbons DR. We
	have already approached city hall
	re! the heavy traffic on our street-
	We don't went or need any more.
	Why break up the aesthetie nature of
	Granville Street which has quite a numbe
	of newer executive Style homes by adding
	ligh density and charging the feel of
Please leave person.	high density and charging the feel of in the designated Comment Sheet box or give to a City staff the neighbourhood
	you feedback.
	We are also concerned to 1. 155 cels
	We are also concerned for the issues of safety, noise, parking etc.

1480248

Name:	
Address:	
Comments:	We are strongly opposed to the multi-family
	retaining in the Arranville / No 1 Rd. Arrea.
	Reasons - property valley decrease
	- put increased traffic + road noise
	- 1835 privacy.
	- Security issues
	- guality of people morning into me
	multi-family housing is In gyestion.
	We're man new residents of this area and moved to
	ou new residence that to live in a margle family
	neighbourhood and now those Dung taken away.
	$\cup$

Please leave in the designated Comment Sheet box or give to a City staff person.

Granville Avenue No. 1 Road

## **COMMENT SHEET** (Please print or write legibly)

Name:	
Address:	
Comments:	I would like to see the large lot
	Single family home protected. I do
	and went homes that take up the whole lot
	Mo green Space - Trees all Cut no
	PRIVACY - Sunlight Carl off by the home wext
	Cloop filling the dot so no Seen in the
	Gard Except at 12 Noon.
	Please tax all homes that have
	Suites in them - More than you
	Tax "quote Single family houses".

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments	S:
	PLEASE LEAVE SINGLE FAMILY
	HOME AREA'S ASIS. I ENJOY THE
	PRIVACY, SUNLIGHT AND SPACE THAT
	THESE PROPERTIES OFFER. I PAY MY TAKES
	FOR THIS PRIVILAGE.
	HOW CAN YOU DEVELOP MUCH FAMILY HOWSING IN THE MIDDLE OF A SINGLE
	HOUSING IN THE MIDDLE OF A SINGLE
	FAMILY DEVELOPMENT.

Please leave in the designated Comment Sheet box or give to a City staff person.

COMMENT SHEET	
(Please print or write legibly)	
Name:	
Address:	
Comments: 100 are against Rezoning plans	
and I would like sallare voice	
to be head	
* No Town houses	
X Single Camilly onld.	
Xwe want pravilet	

Please leave in the designated Comment Sheet box or give to a City staff person.

	COMMENT SHEET
	(Please print or write legibly)
Name:	
Address:	
Comments:	we are against Rezoncing Dans
	and I would likes awar voice
	to be hand
	* No Town houses
	* Just Single Canully only
	* we need privacy
	* thankfay

Please leave in the designated Comment Sheet box or give to a City staff person.

Granville Avenue No. 1 Road

	COMMENT SHEET
	(Please print or write legibly)
Name:	
· · · · · · · · · · · · · · · · · · ·	
Address:	
Comments	
Comments	
	PRIOTHER ATTEMPT TO CRAM WAY
	Too MANY PEOPLE INTO AN
	EXISTING, BASICALLY SINGLE
	FAMILY SUBDIVISION
	TAMILY DUBBIUISION
	MORE PENTALS - INCREASED CRIME
	NEALLY 1 REALLY DON'T UNDERSTAND
	THE ENTIRE CONCEPT BUT FROM
\	WHAT I SEE & HEAR I AH
	Opposed To REDEVELORMENT TO
\	MULTI FAMILY HOUSING IN THE ROSE
Please leave	in the designated Comment Sheet box or give to a City staff

Thanks for you feedback.

person.

Name:	
Address:	
Comments:	
	live want the multiple family regoing
	application at 4111 and 4093
	Granotte file R204-271822d
	application et 4111 and 4093 Grandlle file B304-271822d regorny application at 6840 and 6882
	No 1 Rad Fle R304-272729
	rejected.

Please leave in the designated Comment Sheet box or give to a City staff person.

Granville Avenue No. 1 Road

# COMMENT SHEET (Please print or write legibly)

The region,
Name:
Address:
Comments DNo to turnip our beaul. In and
area
2) 9 reject the mull-gaily tourhouse rezon
Tphalon at 4111 & 4093 Comble & 6840 &
3) Please retain our veighbourhood as suple for ly
With RI-E large lot 30 T Diegist mul 30.33 foot hour willing som
neightoutual
Please leave in the designated Comment Sheet box or give to a City staff every time a person.
Thanks for you feedback.  Thanks for you feedback.

### COMMENT SHEET

(Please print or write legibly)

Name:	
Address:	6371 RIVERDALE DRIVE PICHOLOND BC
Comments:	OPPOSE GRANVILLE AVE AS ARTERIAL ROAD.
	RIVERISHER IS AN ARTERIAL ROAD AND IT IS NOTSY
	AND BUSY. LEAVE NOT AS ARTERIAL ROAD.
	OPPOSE ANY MULTI DWELLING CONCERTS
	WHATTO EVER - : T IS JUST GET RICH SCHEME
	TOK CITY + DEVELOPERS. RENSON WE MOVED
-	TO RICHARD 32 YEARS AGO WAS SMELE
-	FAMILY RESIDENTIAL LIFE STELE. IT ALONES
17 15	NOT NECESSARY TO CHANGE THESE PROPOSED
	PROPERTIES CLEHARNITY CENDER REZONING APPLICATION.
_	CIFY DOES HAVE CONTROL OVER DESIGNOF
Please leave i	CIFY DOES HAVE CONNOL OVER DESIGNOF STRUCTURES; OTHERWISE WOOLD HAVE BREW in the designated Comment Sheet box or give to a City staff ANOTHER
	DEC RILEY
Thanks for v	OU TEEGDack.

480248

PRINCIPALITY DEN GIHBULIA HOODS - RIGHT IN MIDDLE,
WHY IS CITY EN COURA GING DEVELOPIERS TO BUYLD DEVELOPMENT TO BUILD MORE
MULTI DEVELOPMENT AND MORE DEAFFIC AND MORE
DENSITY- FOR GET IT / I AM IN FAVOR OF
SINGLE FAMILY DEVELOPMENT ONLY.

THERE ARE TOO MANY CONTRADICTIONS CONTRAVED IN YOUR ARTERIAL REDEVELOPMENT AND CANE ESTABLISHMENT POLICIES!

RICHMOND HAS BEEN EXCELLENT COMMUNITY TO RAISE FAMILY AND OFFERED EN SOYMBLE CIFE BTYLE. TO CENTIL 2000: IT HAS DETERMERATED SINCE DUE TO DENSITY AND CRIME.

WITH TOWN HOUSES DOWN ARTERIAL READWAYS WITH TOWN HOUSES & MULTI DWEILING STREETWAYS ONE IS BRIVING DOWN A BALL NEET AS UPPOSED TO SCENIC VIRW

To Whom It May Concern

Regarding the cost to our neighborhood due to resoning along # 1 Rd and Granville 1. Jose of character in the neighborhood due to high density, uniformly monotonous Town homes 2. Further loss of Safety for children streets due to increased traffic on Ilrecto already overwhelmed by vehicles. Please come observe biblions on a wakday between 8:30 AM and 9.4M, and at 3 PM as children are unlking to and from school.)

There are already many areas of high density living in Richmond - Steveston, the " city center, Terra Nova, the Cambel area - to Mame only a few. High density dwellings are encraching upon almost every neighbor hord in Richnord. Our small quadrant does not meed, mor desire, to be one of those neighborhoods. We are sposed to the developments of these sites on #1 Rd and on Granvelle as tourhouse dovelopments.

Name:	
Address:	
Comments	More density = more traffic = more vandaline = more property damage. Riverdale is already a "freeway"
	vandalise = more property danage.
	Riverdale is already a "freeway"

Please leave in the designated Comment Sheet box or give to a City staff person.

Granville Avenue
No. 1 Road

#### <u>COMMENT SHEET</u> (Please print or write legibly)

Name: Address: REZONOS LOSEL Comments: YINCREASE TRAFFIC ON MAIN STREETS & CUTTING THEROUGH NETGERSHOUS STETY IN THE WESGHETRHOOD WILL BE WIRSE CRIME AND SEXURITY WILL BE WORSE NEIGHBORHOOD WILL BECOME NOISX FIRE HAZARD WILL BE INCREASED FOR SURROUNDING HOME WITH LATE OF GREEN BYRCE IN HIGH LEDSITY DEVELOPMENTS TRUDISCHOE DO NOT FIT THE CHAPACTER OF THE NEIGHBORMOND, SHADE WILL SUKO GRASS Z GARADEN) PANNACY MILL BE LOST, VIEW WILL BE BLOCKED, ENDOYMENT OF SMOLE FMILL BE GOVE FORCING LONG TERM BINISTE FORMELY FREDERITY MUNERS TO PARTE OUT OF BACKWOOLS BEZUNINA FLOW + BRYESTINE Please leave in the designated Comment Sheet box or give to a City staff

Thanks for you feedback.

person.

	• • • • • • • • • • • • • • • • • • • •
Name:	
Address:	
Comments:	I against rezoning plan and arterial
	roads to be repreu berause il will
	urcreased traffic on maci streets, traffic
	Cutenp Herough reighborhord, Safely
	in neighborhord will be worse Crime
	and security will be worse, lack of
	buffer between 3 story founderese and
	Emple family homes, neighborhood will
	bleene more noisy, tril be incraised fine
	hazard, frivary will be lost with peroning
-	Views brild blocked evayorquent of sinh tained.

Please leave in the designated Comment Sheet box or give to a City staff person.



April 27, 2005 Open House

BY:....

Granville Avenue No. 1 Road

## **COMMENT SHEET** (Please print or write legibly)

Name:	
Address:	
Commen	is: Theres for the open house - It
	Those is an opportunity to see
	For another all the tratased
	Cyculs.
	Must lifeway Recepted a freed better
	should us publicacionades gestillages
	as minor or local ordered roads.
	There are received to
	rade the excestallatic flows
(	Frankle Aue Detween I roader Parlicary
	pas cogracue and prish my rosiger?

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments	s: We do not support the mustifamily
	regaring proposal along Granville Ave.
	or the subdivision of larger lots into
	small let Residential
	We are concurred about the meners
	in traffic through the neighbour hood.
	4 the resulting decrease in proposely values

Please leave in the designated Comment Sheet box or give to a City staff person.

Tion to PRODUCED NOWER MEST OF I Road using grandle as their main Thoughture stading midtifandly unds along the road would really infect rosigeds of the singularion 5) rapid that the considering tomos sensisson se suite Lowestically ask councel to stop cutting but cutient lots in half to endurage more housing roughly suggest this would make housely in our grow more affordable and Herefae affordingle Hettinstine or jourger buyette just advoin Subdividing only gives enalter lots with beginness and at the destruction of groensprace in Ordinal Justine of groensprace in Orchand of the Ho agreet of the enable (yz He to the crafton of new loves - Ho absolutely not These subdivisions are neighbourhoods 100 DE participations connection and having lass built and house and house and house and house

The new residents and deleteres

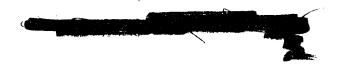
The new residents and deleteres

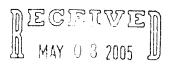
" whishould be howed about that the areas

The people who have established

The people who have est

You new trace policy that states alone should be Grath sides and we do not work more roads in our area.





April 27, 2005 Open House

BY:....

Granville Avenue No. 1 Road

### <u>COMMENT SHEET</u> (Please print or write legibly)

Name:						
Address:	4			4		
Comments:						
	AS	A	RESIDE,	NIT	OF	12/641

AS A RESIDENT OF RICHMOND
WHO HAS LIVED WITHIN 20 METER!
OF THE SAME SPOT FOR 53 YEARS
I HAVE SEEN MANY CHANGES
IN MY NEIGHBOURHOOD AND
VERY FEW OF THEM HAVE
BEEN FOR THE GOOD.
ALL THE FARMLAND THAT IS
NOW SUB-DIVISIONS, ALL THE
SMALL ROADS WITH COMFORTABLE

Please leave in the designated Comment Sheet box or give to a City staff person.



HOUSES THAT ARE NOW WIDE ROADS WITH MEGA HOMES, ALL THE STORES AND MALLS NOW UGLY SHOPPING CENTERS.

AND AFTER ALL THIS YOU
NOW WANTSTO CHOP OP THE
SUB-DIVISIONS WITH TO HOUSES
WHERE ONE STOOD, PUNCH
THROUGH LANES THAT LEAD TO
NOWHERE, INSTALL STREET LIGHTS,
AND INCREASE DENISTY,

WHILE CHANGE IS INEVITABLE
WHY MUST IT BE AT THE EXPENSE
OF ESTABLISHED NEIGHBOURHOODS?

I AGREE WITH RECOMENDATIONS
#5 AND #7 CITED IN THE MARCH 4IH
REVIEW OF LANE ESTABLISHMENT AND
ARTERIAL ROAD DEVELOPMENT POLICY,
AND WOULD LIKE TO SEE THEM
IMPLEMENTED IN MY COMMUNITY.



Name:	
Address:	
Comments:	apposed to rezoning because of:
	I increwed troffic through neighborhood
	z) lack of buffer between townhouses and
	Single family homes
	3) loss of prices
	4) large investments in single family homes
	will be negatively impacted
-	
· -	
-	
-	

Please leave in the designated Comment Sheet box or give to a City staff person.

are so cremmed in that it's dangerous to let our kids actside because of all the traffic from all the families in the multi-formily complex.

To the developers: Go SOMENHERE ELSE! Go somewhere less developed where families are not established.

Name:	
Address:	
Comment	is: Single framily homes are welcome-
	Il someone wants to have a small lot,
	they can choose, I do not want to live
	in an area with multiple family dwellings. That
	was very us bought a house in this area.
	The developers could have bought up these
	chunks of land long ago before young families
	moved in. Where are we supposed to go to
	find a me quiet neighbourhood if this
	goes through? ladner? I quess so,

Please leave in the designated Comment Sheet box or give to a City staff person.

COMMENT SHEET (Please print or write legibly)					
Name:				(max 1)	
Address:			Pio.	Maria Salaharan	
Comments:	Would	Like To  Family.	SEE A	AREA ST	744
	Single	Family.	No	Towaston	155
			-		
-					
-					
-					

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:				Sygnation of the Control of the Cont	State of the state	
Address:					Segar Alberta Maria Carana Maria Carana	
Comments:	I 11/2	1	<u> </u>	1/20		
	<u>, , , , , , , , , , , , , , , , , , , </u>					
		1 1	· / *		J. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
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	X					
		, i			J.	
		1/4	: :			
	. ,				/ /	
	marine 1		1 4 8		1. 1. 1.00	" A.A

Please leave in the designated Comment Sheet box or give to a City staff person.

# **COMMENT SHEET** (Please print or write legibly) Name: Address: Comments: NEIGHBORHOOD WILL Be

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments:	_ C) At will lectron the Made emporralment
	Vert my
	19 DE will Course the danger of use road
	(8) 1+ mails as Community not- 113;
	1 The schools convert officer a good schools
	Chance because the win to gus consisted.
	(P. ). Afte proplem
	@ high dansing williahount and will do gray-
	Mr. Proceeding C
-	So 9 Sarray ( poport -1622 -1622
-	TO MODELLE STATE OF THE STATE O

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments:	VERY MUCH AGAINST MULTI FAMILY RES. ON
	ANY LOTS. THE DENSITY OFFEDRIE AND
	VEHICLES IS ALREADY HIGH ENDUGHIN DUR
	AREA.
	NORTH BOUND DAY FORSYTH TO WESTMINSTER HWY
	TURNING WEST IS NEXT TO IMPOSSIBLE MOST
	TIMES OF THE DAY.
	THE AREA IS DENSE ENOUGH LOOK AT THE
	WEST SIDE OF # 1 ROAD - ISN'T THAT ENOUGH?
-	KEEP IT THE WAY IT ISON THE EAST
-	SIDE OF # 1 ROAD.

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	The state of the s
Address:	AND THE RESERVE OF THE PROPERTY OF THE PROPERT
Comments	5: # 10 PROS. Dear Keep it The way it is.
	CONSI SINGLE DWELLINGS ARE BETTE
	THAN EARGE MULTI- ANY TIME
	#9 PROS ABE STILL VALD FOR SINGUE FAM. DWELLING
	CONS. DUPLEX (REQUIRED)-B.S. ASINGLE HOUSE WIDD
	#8 KEEP LOTS LARGE IN ITH REAL BACK YARDS
	- ANYTHING ELSE 15 JUST NOT GOOD AT ACC.
	#7 AN OUTPIGHT LIE! SINGLE FAMILY
	LARGE LOTS CAN ALSO "INTERFACE WITH NECCHBOURING
	PROPERTIES! WHO NEES 30-40 FOOT HIGH DUELLINGS
	LIMING BOTH SIDES OF # 1 ROAD - TALK ABOUT UGLY AND e in the designated Comment Sheet box or give to a City staff
person. $\beta$	IN UNNETERALRY. WHO WOLLDWANT TO LIVE NEXT TO ONE OF THESE SHADE GENERATING, PACKED DWELLINGS. YOU? you feedback.
	LEAUF OUR NETGHBOURHOOD THE WAY IT IS.

IT SEEMS AS THOUGH SOME PEOPLE WANTTO MAKE A BUCK (OR MANY) AND DESTROY THE NEIGHBOURHOOD BEFORD LEAVING RICHMOND.

MEHAVE LIVED HERE 30 YEARS AND STILL LIKE IT.

HOWEVER IT SWELLINGS ELLEN WE WILL

PROBABLY BE FORCED TO IT IN FACT WE REALLY WOULD AS OUR LOT IS

1/3 ACRE!

WE WOULD RATHER STRY BUT FORCED, UNWELCOME, HIGH
DEWSITY IS NOT WELLOME AT ALL. GIVEYOUR HEAD A SHAKE.
ENOUGH IS ENOUGH. LEAVE THE SINGLE FAMILY DWELL! I
ALONE.

KEEP OUR BACK YARDS AS BACK YARDS WE DO NOT NEED LAKES.

#6 VERY SLANTED TO PRODUCTORMENT - STOP MAKING
MORE DENSE POKETS OF POPULATION AND CREATING
TRAFFIC PROBLEMS

ame:	
ddress:	
omments: <u>lam a 30 your resident at the</u>	
alore address and I have uthossed	
alst of changes to our neighberhood	
Some not so good let is amazing	
Richmond hasn't sunk out of sight	
with the icight of all the development	
that has taken over Richmond. We like	
our reighterhood as single farmily having	
and we want it to stay that way o Our	
our manied son lives in a tounherine	r
Burnaly and he says he is living for the day when he can live in a sange for asserted comment Sheet box or give to a City staff hamle	n
ase leave in the designated Comment Sheet box or give to a City staff Remberson	9
like Re	- `
anks for you feedback.  The state of the sta	_
IE DO NOT WANTOUR NEIGH - On Joseph	,
ase leave in the designated Comment Sheet box or give to a City staff Annie like Reson.  Like Reson.  Anks for you feedback.  IE DO NOT WANTOUR NEIGH - on Forsyth BOR HOODORS. and I	

LANE WAYS ARE JUST AN EXCUSE FOR LATER ACCESS FOR TOWNHOUSE DEVELOPMENT. PROVE ME WRONG!

Name:	
Address:	
Comments:	(WOULD LIKE TO EXPRESS
	RESOLUTE OPPOSITION
	TO ALL CYRRENT APPLICATION
	FOR REZONING IN THE
	GIBBONS NEIGHBORHOOD
-	
-	
-	
-	

Please leave in the designated Comment Sheet box or give to a City staff person.

Granville Avenue No. 1 Road

# COMMENT SHEET (Please print or write legibly)

Name:	
Address:	
Comments:	I am extremely upart over
+	he proposal for tounhouse development
_ a	nd lanes built off of arterial
	eads. Our neighbourhood is zoned
12	c single tamly homes and the chances
<u> </u>	ould take away from the charm of
Th.	is quiet neighbourhood. Townhouses
<u> </u>	ould create a mishmash look to our
lu	vely lots and homes we have a
h	istory of family homes we are all
pr	newhord let us keep our
Please leave in th person.	neighbourhord in which we have bought e designated Comment Sheet box or give to a City staff into.

Name:	
Address:	
Comments:	1 An OPPOSES TO ANY
	REZONING TO MUTIFATING
	DWELLIUSS OF ANY OF THE PROPERTIES
	IN QUESTION,
	MARUTARN SINGLE + DUPLEX
	HOUSING IN OUR DEIGHBON (400)!!
	TOO MUCH TRAFFIC THE WAY IT'S.
	NO REZONING!

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments	1. THOMPSON IS A VERY STABLE COMMUNITY
	BECAUSE IT HAS NOT BEEN SUBJECTED TO
	THE TEAR - DOWN MENTALITY THAT HAS DESTROYED
	OTHER NEIGHBOURHOODS.
	2. THE CITY'S POLICY OF SMINL LOTS ON MAJOR
	ERTERIALS, WHILE IT SATISFIES THE CITY'S DESIRE
	FUR FEWER DRIVEWAYS, CREATES BAD HOUSING -
	HOUSES CLOSER TO HIGH TRAFFIC; SMALL, UNUSABLE
	FRONT YARDS NO BACKYARDS FOR PLAY, THIS
	IS UNDESTRABLE HOUSING FROM A FAMILY POINT
	OF VIEW

Please leave in the designated Comment Sheet box or give to a City staff person.

Thanks for you feedback.

1480248

3. HOW CAN GRANVILLE BE CONSIDERED HIGHTRAFFIC IF THE CITY HAS ALLOWED BIKE LANES
AND REDUCED DRIVING LANES FROM FOUR TO TWO?
4. RICHMOND NEEDS TO PROVIDE CHOICE IN LOT SIZES
THE CONSTANT DRIVE TO SMALL LOTS CREATES
INSTABILITY IN NEIGHBOODHEEDS. RICHMOND HAS TO

Name:		3-7-23-20-20-3		Meddler veg	
Address:					
Comments:	Shon!. Read road a. Lam multiple	d be Remo Development and not a completely of family resi	ortion of Grand ored from the Policy It is a major road, no opposed to put idential into the on the other side	Anterial residutial t wide enon increase ting is neighboil	
-	Koad				

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	design of the second of the se
Address:	
	: As an original home owner
	in the Riverdale subdivision &
	den an opposed to multi-famil
	daielogrement

Please leave in the designated Comment Sheet box or give to a City staff person.

Name.
Address:
Comments: under NO circumstances do 2 accept
the proposal for this unbelievable rediculous disclored
The way it looks on the map you will be cutting my
house in half to put a lase through. This is noth
will gut forthe city and cutting what they are not
thinking about as who have lived in Richmond (born here
75 grs ago What is wrong with a little green lawn
+ garden? De we kave to cover every precious acre
of good sail with pallals a town houses - just to
make the & Indian builders into millioning It.
now time to stop any more immigration also so we
now time to stop any more immigration also so we can some a few facres that are left person.
Thanks for you feedback
Thanks for you feedback

Name:	
Address:	
Comments:	Proposed Lane along side of
	our property to keep cars and
	driveway's entering Granville sounds
	reasonable for traffic flow. But
	my problem is that I cannot
	plant trees to block out all this
-	development from my view because
-	et a seurer eosement running all
-	along the south side of our property
	on 6911 Nay Howen, Where is there
	a comprimise. Con some be mured to
	n the designated Comment Sheet box or give to a City staff

Thanks for you feedback.

person.

( state of write regiony)
Name:
Address:
Comments: - I wish Joning to remain
as it is. We live adjacent to
an application to Subdivide
I do not want a lane running
the length of my yard - Iwill)
Lose all my privacy of townhouse
on higher Buildings are built
We have a server right away down
the South side of the property - with
this we are limited to likere
We can plant trees to black the
Please leave in the designated Comment Sheet box or give to a City staff
person.

Thanks for you feedback.

If you are altowing the Zoning Changing the Zoning Change it to include our include our of the property as town house other wise.

Name:	
Address:	1014
Comments:	Traffic and road hoise are
	bad enough not to mention the
	all pit. Why add buse cars to
	the over? It single lave road ruch
	as growthe will not be able to
	handle the morning out especially
	when the lightschool is in session.
	Mare Cars Cown that Gad Wears
	more dangerous streets for aur
	skilden. Lets keep our heights or hood
	quet and sale for everyone.

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments:	: <u>Fiver the Cerrent Single family</u>
	tore of the neighbourhood le do
	not feel that multi home or
	townhoise projects are appropriate
	Bt & would not be adverse to reducing
	a lot size As in the Riverdale application
	However, The City needs to be proache
	in traffic coloning measures on Rigidale
	and Gibtions Roads especially north
	of Ganville to Stone crop.
	Thank you.

Please leave in the designated Comment Sheet box or give to a City staff person.

#### COMMENT SHEET

(Please print or write legibly)

Name:	
Address:	
Comment	ts: - DON'T AGREC WITH THE REZONING APPLICATION
	LUNDERSIAND THAT THE CITY WANTS MORE TAY
	DOCUME, HONDUCK THE CITT DOFTN'T 4 PGR. MAS
	TUE INTERSTURYCTURE TO ACCOMIDATE TURCE
	CLIPLEST. EX GIBBONS ROAD USED BY OUTR
	HARE THE CHILDREN ATTENDING TYOMPSON
	SCHOOL IS A DEMINITRA. THE CITY DOES
	FILL IN THE DETIMES OR MAKE A SAIT
	PATY FOR CHILDREN.
	-18 YOU WANT TO CHANGE + GET THE
	TAY DOLLARS YON HAVE TO SPEND
	Some none

Please leave in the designated Comment Sheet box or give to a City staff person.

Granville Avenue No. 1 Road

## **COMMENT SHEET** (Please print or write legibly)

Name:	
Address:	
Comments:	- Do not agree to high density
	area - on Granville & Riverdale !!
	- Nb-40 any Dack Canes
	- People want privacy in their sengle
	Jamily homes- not yourhouse Cookery
-	unto their lack goods - Kids have to
-	flag somewhere.
-	- Move the density over to East Rickmond
_	ulhere it should be!
-	A will person ally make this a

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	The state of the s
Address:	
Comment	s: Our family is opposed to redeveloping the
	area between #1 Rd + Burnett School on Gmnilk S.
	Town Houses would devalue our present home.
	A traffic A crime & Asecurity of our hone.
	A noise bosof privacy, people's views will
	be lost. We think townbooses on the west side
	of #1 Rd are enough & our subdivision acts
	as a buffer
	The East side of RM is sold Tourhouses-
	We have lived in the all for agreers & this
	is not a positive change.
Please lea	ve in the designated Comment Sheet box or give to a City staff
person.	

Name:	
Address:	
Comment	s:
	re: RZ 03-244042 ontrecker
	three should be NO LANE
	the z houses should front
	Tucker
	Me: RZ 04-272729 00 No. 1 Rd
	there should be NOMULTIFLE
	FAMILY Deva Copment
	10: R7 04-275922 en granville Por
	NO MULTIPLE FAMILY Decelopment

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments	
	Preserve the smight family haracter and
	Livability of our Neighbourhood.
7	I noteset mulbi-framily boundouse overing
	application at 4111 9 4093 framille love.
	and 6840 9 6880 No. 1 Road.
-	I want to resain our neighbourhord as
	SINGLE FAMILY with RI-E large lot voining
	Have framville Ave. West of Bailroay removed
	fran Arterial Road classification.
	Have the snigle family rong made permanent

Please leave in the designated Comment Sheet box or give to a City staff person.

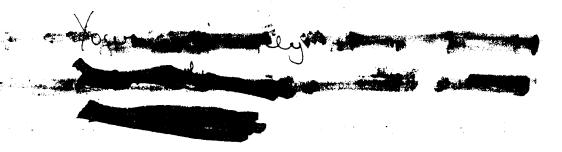
Granville Avenue No. 1 Road

## COMMENT SHEET (Please print or write legibly)

Name:	
Address:	
Comments	: Re! - 4111 and 4093 G. Wille The R 204-275925
	6840 and 6880 No. 1 Road file RZO4-27272
	It is my wish to see this neighborhood, to
	remain as single family with a RI-Ezoning.
	lows bouses do not fit the character of the
	neighborhood and would create truffic problems
	tarking etc. on the streets in the area.
	No 1. Road should remain as a buffer beturn
	ins single family neighborhood and the conid
	It est high density townhouses on the West
	side of No 1 Road: PTO

Please leave in the designated Comment Sheet box or give to a City staff person.

We wish Granistle Avenue Wast of Raulwas. Femoved from the Arterial Road classification and to remain Bringle family zoning.



LWAY
<del></del>
ernsor
TRAFFICE
Vo LANS
182 04
2
Ross

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments:	1. STATEMENTS ON BINGBOARS SAY
	City Hum Has No Control other Society
	THIS IS A FANSE STATEMENT. CITY
	PARKENINEE HAS FULL RIGHTS TO CONTROL
	SETIEN, SIZE, ETE WHAT DOET THETA
	PRANICINE & PERMIT SEPARMINAT SO?
e: -	2. WHERI LAND BECOMET AVAILABLE
	17 Showhs NOT BE AN AUTOMATE
_	RIGHT TO SUB-SIVISE THE KOTS FOR
	BIGGER FINANCIAL PROFIT & GAIN.
_	

Please leave in the designated Comment Sheet box or give to a City staff person.

COMMENT SHEET	
	(Please print or write legibly)
Name:	
Address:	
Comments:	1. HAS COUNCIL RATHLIES THE VARY
~	SANGEROUS PRAFFIC CONGRY/LON AT
-	THE JUNETION OF CHANNING AND
-	RAILWAY, AND BURNETT SCHOOL SURINE
	SCHOOL SAYS MORNINGER ATTORNOOM
-	MALLINES CRANVILLE AN ARTOR AL REAG
_	18 MADNATS. IT IS EVERY A MATTAR OF
_	TIME REFERE GONTEBOAY 18 KILLED.

Please leave in the designated Comment Sheet box or give to a City staff person.

Ø

	(Please print or write legibly)
Name:	
Address:	
Comments:	# 1 Rd, Should be dividing point
	between high density multi-housing
	3 Single family dwellings.
	Granville St Should remain single family
	Must improve lighting & traffe
	Safety on G, bhons of Forsythe,
	Speed bumps Should be Considered
	Speed bumps Should be Considered Since Gibbons is used as a through-way
	to Granville. Gibbons Park & basela (1
	area is extremely changerous at night
	with very pest lighting of none in the
	in the designated Comment Sheet box or give to a City staff Punk
Poi Suri.	anea

COMMENT SHEET (Please print or write legibly)		
Name:		
Address:		
Comments:	I am apposed to any	
	increase in traffic	
	Ispecially along Eribbons El	
	Ganville We already have	
	high directly libst of #1 Rd	
	Also we need to be considerate	
	of safety with regards to	
	elementary School off Gibbons	
	Frenday on Franville.	
	Let's put \$ value on the	
	beauty of balance of reighbourhood	
Please leave	in the designated Comment Sheet box or give to a City staff	
person.		

yt.

#### **COMMENT SHEET**

(Please print or write legibly) Name:\_\_\_ Address: ( Comments: OPPOSE ANY INCREPASES OF POPULATION IES. CHANGING SINGLE FRMILY RESIDENTIAL LOTS TO MUCTIPLE FRMILY LOTS. THE TERFFIC VOLUME INCREASES ON WESTMINGTER HINY, NO 1 RD & GRANVILE, AND GIBBONS HAS INCREASED WITH THE ADDED POPULATION IN TERRE NOVE & BLONG NO 1 P.D. THE NEIGHBOURHOOD HAS BEEN NEEDTINELY IMPRETED BY THIS INCREMEND FRAFFIC. A FORTHER POPULATION INCRESSES WILL PROVE ADVERSE. ROMOTE SINGLE FRANKY LOTS AND STOP INCREASING RICHMOND'S TRX BASE WITH THE NEGATIVES IMPACTS.

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments:	I am very much opposed to
	the proposed change in zoning.
	I have many reasons for this opposition
	including
	and traffic Safety (children walking to school)
	and traffic Safety (children walking to school)
	(b) More noise in the neighborhood
	(c) Enjoyment of living in a district
-	with single family homes will be lost
	(d) Negative impact on the current
-	character of the neighborhood

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:
Address:
Comments: (1) Increased traffic cutting through
already busy narrow roads in the neighborhood
(2) Character + livability of neighborhood will be
(3) Townhouse DO NOT fit into the character
of the neighborhood.
(4) Privacy will be lost with 3 story windows
looking onto back yards
(4) Large investments in single family homes
will be negatively impacted.
(let Security in quiet neighborhood will
De impacted
Please leave in the designated Comment Sheet box or give to a City staff in an open person.
GAIS neighbor
Thanks for you feedback.

COMMENT SHEET
(Please print or write legibly)
Name:
Address:
Comments: Why isn't wince faith of Richmind
Viewing this & maintaining The area as
a Single Nelling residental environment as
apposed to another feveru Stream la
Them? Rich in Assets VS Rich in
traffic / angestion - doesn't make sense.
Kichmond growth has increased sibstanticely-
Tripi is un beautible. Our schools within the
and are of ful expany. SHAME ON
Joh Al For Joshing at this as a
Figurest Venture solely + not laking it aby
1 lease leave in the designated Commont Charles
Rople (the the + my neighbors)
Thanks for you feedback. have the yer to live in This
are - in or I would have
bought & home on No 3 Kg
Thanks for you feedback.  People ( the the the my neighbors)  Thanks for you feedback.  People ( the the the my neighbors)  Over the year to whalk here  thought a have the part of the

Should city have any county?? what-



COMMENT SHEET (Please print or write legibly)			
Name:			
Address:			
Comments:	Decel to Any:		
	to create High sensel		
- · -			
_			
_			

Please leave in the designated Comment Sheet box or give to a City staff person.

<u>COMMENT SHEET</u>
(Please print or write legibly)
Name:
Address:
Comments: Here is tow much traffer
now. The need a lutter
Good System to get in and
aut at Aumond nut made
Sailsing.

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:			
Address:	•		
Comments:			
	Λ	10 / 1 / For	W 102 0/=
	T 1415	Town House	WO DE VETO PMENT

Please leave in the designated Comment Sheet box or give to a City staff person.

	COMMENT SHEET (Please print or write legibly)
Name:	
Address:	
Comment	S: WE DONOT WANT OUR SINGLE
	FAMILY COMMANITY OVER RUN
	FAMILY COMMANITY OVER RUN WITH TOWNHOUSES AND JOR CONDOS
	LEAVE US ALONE!

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments:	We want the multiple-family retuning
	application e 4111 : 4093 Granville
	file RZU4-275922 & rezoning application
	e 6840 , 6520 No 1 Rd. File RZ04-272729
	rejected.
-	We have lived in the great for
	almost 20 years & want it to remain.
	as Single family housing. The proposed,
	developments would increase traffic,
	diminish privacy i oper the door to
	future development.

Please leave in the designated Comment Sheet box or give to a City staff person.

	COMMENT SHEET	
	(Please print or write legibly)	
Name:		
Address:		
Comments:		į.
	1/25/RE THE #1-WEST	1
	DESIRE THE #1-WEST	
	STAIGLE EASTICY	

Please leave in the designated Comment Sheet box or give to a City staff

Thanks for you feedback.

person.

#### **COMMENT SHEET**

(Trease print of write legiony)
Name:
Address:
Comments: Spalled at the tight grids
that form ay over Richmond
by The designated Arterial roads
How to can you concarrently
direct futer housing development, ANAY
from existing single taming dutelling
and at the Same Aine Towgraz
major roads when the Major4
ronds form & tight grids
everywhere an over West Richmond
It doesn't make sense!
Please leave in the designated Comment Sheet box or give to a City staff
person.  A few years some way
Thanks for you feedback.
you are going to regret it.
Thanks for you feedback. A few years from now,  Thanks for you feedback.  You are going to regret 5t.  Richmond is ging to ke known  Ando City hot a place
1480248 A, CANDO CITY NOT a Place

1480248

April 27, 2005 Open House

#### **COMMENT SHEET** (Please print or write legibly)

Name:	
Address:	
Comments:	Major Concern.
	- Safety / Crime in neighborhood
	over crowded Tirfic

Please leave in the designated Comment Sheet box or give to a City staff person.

Granville Avenue No. 1 Road

#### COMMENT SHEET (Please print or write legibly)

Name:	
Address:	
Comment	S: 1 AM VEHEMENTLY AGAINST
	THIS RE-ZONING- OF OUR
	NEIGHBOURHOOD.
	ONR COMMUNITY HAS BEEN
	OVER-BUILT BY ZEALOUS ZE-ZONING
	ENOUGH!
	NO NO DO TO RE-ZONING
	THOMPSON-GIBBONS.

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:		
Address:		
Comment	ts:	
	No 11	
	I strongly againist the This plan, becau	1SC
	I strongly againist the This plan, because it's unsafe, more traffic,	
	No lanes!!	
	NO [ NO! NO!	

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments:	My wife and I do not want to
	see 36 on 33 lots in our neighborhood.
	We also do not want town houses in
	our area as well.

Please leave in the designated Comment Sheet box or give to a City staff person.

Name:	
Address:	
Comments	:
	Jevould like my neighbourhood free from townhouses and small loto. Our neighbourhood should be lift the way it is!

Please leave in the designated Comment Sheet box or give to a City staff person.

#### COMMENT SHEET

(Please print or write legibly)
Name:
Address:
Comments: 1. Why this subdivision??
2- What benefit does this development
give to the homeowners in this
subject area?
3. Richmond is flat, so being able to
- "See out" is precious. Cramming duelling.
-together in a rabbit warren fashion
- (a la General Corre Rd area) allows no
effectionly to see beyond the walls of the
18sidences around. I haven't noticed any
4-where are the parks going to be in
Please leave in the designated Comment Sheet box or give to a City staff person.  are replaced by fogulation density duellings
Thanks for you feedback
5. It this development is such a signer of sidea, would the city dangers &
the developers themselves advise their
5. If this development is such a great idea, would the city planners + 3 the developers themselves advise their stramilies to buy and live there? The tamilies to buy and live there?

Name:	
Address:	
Comments:	the Rwedgle-Granulle-#/Rd Selections is dense enough as for as population is Concerned.  Me don't need non resident developers breaking
	I have seen Effectal City Lall leffers
	der latere touchouse dende Direct disguised as T. H. ON area nucho (NOT SHOWN ON CITY POLICE MAIS AT MEETING)!
	There are over 650 tempholeses yeld of # 1 Road already a most residents on the east side are against redeveloping single family 60ft lots! Japan to 30 FT. OR MULTIPLE TOWNSES!
	4 would become choked with broken Point
	definitely a NO GO 1
	Back lanes would automatically be a green light to aestroy other quiet neighbourhoods a set an unwanted precedent for VILTURE DEVELOPMENT.
	JUST SAY NO

Please leave in the designated Comment Sheet box or give to a City staff person.

## COMMENT SHEET (Please print or write legibly)

Name:	
Address:	
Comments	:: WE WANT TO PRESERVE THE SINGLE
	FAMILY CHARACTER AND LIVABILITY OF
	OUR NEIGHEBOURHOOD
	WE WOUND LIKE OUR MEIGHBOURHOOD TO
	REMAIN SINGLE FAMILY WITH RI-E
	LARGE LOT ZOMING
	LE WANT NO MUNIPLE-FAMILY TOWN HOUSE
	UR SMALL 30.33 REFT HOUSING WITHIN
	OUL MEI GHBOULHOOD

Please leave in the designated Comment Sheet box or give to a City staff person.

### **COMMENT SHEET** (Please print or write legibly)

Address:  Comments:   AM IN FAVOLAR OF SINGLE-FAMILY  RESIDENSES ON SMALL LOTS. AS A LONG TIME  RESIDENSE OF THE AREA (10 FLOS YEARS)   WAS	
RESIDENCE OF THE AREA (10 FLOS YEARS) I WAS	$\ell$
NEARLY FORCED TO RELOCATE DUE TO ESCAPATI	~56
HOUSING COSES. BY ADDING A SMALL LOS OFTI	cN
YOUNG FAMILIES SUCH AS MYSELF WILL HAVE MO	86
OPORTURSITIES TO BUY IN THIS AREA. THE ARE	
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Please leave in the designated Comment Sheet box or give to a City staff person.

Granville Avenue No. 1 Road

	COMMENT SHEET
	(Please print or write legibly)
Name:	
Address:	
Comments	
	This is a lovely district, please leep
	our clevelspers who want to destroy our
	reighbornhood. Keup everything
	STATUS QUO

Please leave in the designated Comment Sheet box or give to a City staff person.

### <u>COMMENT SHEET</u> (Please print or write legibly)

Name:	
Address:	
Comment	s:
	- ONE OF THE CHARMS OF THIS AREA
	IS THE SINGLE FAMILY ENVIRONMENT IN
	THIS NEIGHBOURHOOD. THAT MEANS OPEN
	SPACE, TREES, AND LOTS OF GREEN
	SPACE. AS YOU KNOW- MALCOLM BRODIE
	FROM PREVIOUSLY LIVING IN THIS SUB- DIVISION-IT HAS IT'S OWN CHARM. LEAVE
	IT ALONE!

Please leave in the designated Comment Sheet box or give to a City staff person.

# COMMENT SHEET (Please print or write legibly)

Name:	
Address:	
Comments	: Am against hi deporty
	Sullings in this area

Please leave in the designated Comment Sheet box or give to a City staff person.

Granville Avenue No. 1 Road

**COMMENT SHEET** (Please print or write legibly)

Name:	
Address:	
Comments	to be developed in this city,  It is everely support new prejust  It would bring more officiable houses,  your family, more accomplations  in whose city.

Please leave in the designated Comment Sheet box or give to a City staff person.

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Granville Avenue No. 1 Road

# COMMENT SHEET (Please print or write legibly)

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Address	
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1	GIANT PALACES ALL OVER RICHMOND
	= 15 Your NEW PLAN"
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	MORE MAINTENANCE FEES; WHERE'S THE GREEN
	20NGS? WHERE'S THE PACKS?
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	NEIGHBORS' YOU WOULD HADE NOTICED WE DON'T
	LIKE MILLION # PALACES
	WHO APPRODED THOSE?
	WHEN'S THE NEXT ELECTION?

Please leave in the designated Comment Sheet box or give to a City staff person.

Granville Avenue No. 1 Road

### **COMMENT SHEET** (Please print or write legibly)

Name:
Address:
Comments: / have been observing recent city
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Of Ruchmond is adapting Such a Concept
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Reads to See more Clean Single family homes
along Granille the Tucker Rd, application, needs
tour Single family homes, and Elementation of
Please leave in the designated Comment Sheet box or give to a City staff lane person.
Thanks for you feedback.  The docs not apply to this lever I
•

# Bonita Xan 6731 Gamba Drive Richmond, BC V7C 2G4

**4:** 4:



Cel: 604-671-2732

Fax: 604-272-9184

Email: b\_kan@hotmail.com

April 27, 2005

City o Richmond Public Consultation Meeting Committee

Dear Sirs and Mesdames:

#### Re: Rezoning Application in the Thompson and Gibbons Area

I am the owner of 6731 Gamba Drive, Richmond. I planned to attend the Public Consultation Meeting on April 27, 2005; however, because of sudden family emergency, I have to go back to Hong Kong immediately.

I will like to express my strong objection to the rezoning application because I feel that it is only to the benefit of a small group of developers and it overlooks the needs of all the present residents in the area including myself.

I will like to give my ballot right to any of my following neighbours:

lan and Barb Frier Mauree Coyle Maurice and Stacy White Laurie Goddard Paul Dylla

I hope the City will take my opinion into consideration in regards to this rezoning application.

Yours truly.

**Bonita Kan** 

BK

April 25th, 2005

City Planning Department

Re: Re zoning of No. 1 Road and Granville Ave, small family lots on Granville and single family lots at Tucker
Ave

This letter has been prepared as part of the action against re-zoning these areas. As a new resident of this area we find that allowing multi family development will decrease or property values, could create increased noise to neighbouring properties and potentially increase crime.

We chose to move to this area of Richmond due to the fact there were no multi family developments and we wished to live in a neighbourhood that was strictly single family homes. We enjoy the large lots as zoned R1-E and would like that to remain.

When looking for a home back in 2004 we found that there were a number of high density townhomes and condo style homes already on the west side of #1 Road. We chose not to purchase in that area due to the number of people crammed into such a small area and waited for a property to come available east of #1 Road and west of #2 Road.

In closing my wife and I wish to have our neighbourhood and the areas mentioned above remain single family. This zoning should be established on a permanent basis so that this forum is not necessary every time a developer purchases a large lot and decides to capitalize on the investment by building more than just a single home on the property.

My wife and I thank you for your time in establishing this public consultation and look forward to your efforts to maintain our community.

Regards

Michael Jobson, CIP General Adjuster CGI Insurance Ltd

Resident - 6871 Gibbons Drive, Richmond

Rhonda Hubbard BSc West Point Grey Academy Resident - 6871 Gibbons Drive, Richmond

#### <u>Submitted at the Public Consultation meeting at the Thompson Community Centre</u> <u>- Wednesday April 27, 200</u>5

Re: Rezoning applications for small lot/ Townhouse developments along Granville Avenue and No 1 Road.

My wife and I own a house at 4900 Mariposa Court since 1973. Our back neighbors are fronting on Granville Avenue.

We are strongly against any of these Granville Avenue lots to be developed and subdivided with lanes especially with Townhouse complexes. A Townhouse development with two or three story buildings would overlook our yard and severely impair our present privacy. A lane would be the choice locus for groups of truant students from the nearby Burnet High School and could become a shortcut for access to the school.

All this will severely diminish the value, enjoyment and peace of our property and a lane near the school could become a safety issue. For us there is no plus side at all, it is all negative.

Therefore, we want the block bordered by Westminster highway/No 1 Road/Granville Avenue and McCallan trail to remain free from townhouses and small lot subdivisions. We want this area to remain R1-E large lot zoning and this zoning to be permanent.

### Specifically we want

- o the rezoning applications at 4111 & 4093 Granville and at 6840& 6880 No 1 Road to be denied.
- Have Granville Ave. west of Railway removed from the Arterial Road classification and to remain single large lot zoning.

Andre M. Pauwels

Anna M. Pauwels 4900 Mariposa Court Richmond BC V7C 2J9

604 277 8009





### MALCOLM BRODIE

MAYOR

City of RICHMOND

6911 No. 3 Road Richmond, B.C. V6Y 2C1

Telephone: (604) **27**6-4123 Fax No: (604) **27**6-4332

May 3 2005

Cynthia Beatty 6311 Nicolle Place Richmond, BC V7C 4V7

Dear Ms. Beatty:

Thank you for your letter of April 27, 2005 regarding the Thompson-Gibbons neighbourhood.

I have passed your letter on to Holger Burke, Development Coordinator – Development Applications. Mr. Burke assures me that your comments will be considered in any report going forward to the Planning Committee.

If you would like to contact Mr. Burke directly to discuss this matter, he can be reached at 604-276-4164. I appreciate you taking the time to write to me.

Yours truly

Malcolm D. Brodie

Mayor



April 27, 2005

Mayor Malcolm D. Brodie City of Richmond 6911 No. 3 Road Richmond B.C. V6Y 2C1

Dear Mayor Brodie,

As a lifelong Richmondite and a Thompson resident since 1983, I am vehemently opposed to any changes in our neighbourhood.

Thompson – Gibbons residents have chosen this area of Richmond in which to live as it has retained the feeling of our community's family character.

With space for trees and greenery, it is truly an oasis in North-West Richmond in which to enjoy our homes and watch our children thrive.

The overbuilt area west of No. 1 Road between Granville and Westminster Hwy is tragic. Three story row-housing blocking neighbours'sun is not how our fertile area should be zoned.

Too many areas of Richmond are being irrevocably damaged by overbuilding and overdensity.

We implore Council and the City Planning Department to preserve the single family character and livability of our neighbourhood.

The East side of No. 1 Road and the North side of Granville Ave. should remain the "buffer zone" against high density two and three story townhouses and our diverse sized residential lots should remain zoned as they are now.

Our unique neighbourhood should not meet it's demise as others in Richmond have – through overzealous development.

Please allow us to keep our Gibbons - Thompson neighbourhood.

Sincerely,

Cynthia Beatty

April 27, 2005

City Planning Department City of Richmond 6911 No. 3 Road Richmond B.C. V6Y 2C1

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Cynthia Beatty

April 27, 2005

TO WHOM IT MAY CONCERN with regard to the REZONING OF THE GIBBONS-THOMPSON AREA

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Sincerely,

Cynthia Beatty



#### City of Richmond

6911 No. 3 Road, Richmond, BC V6Y 2C1 Telephone (604) 276-4000 www.city.richmond.bc.ca

May 2, 2005

File: 08-4105-20

City Clerk's Office Telephone: (604) 276-4007 Fax: (604) 278-5139

Ms. Cynthia Beatty 6311 Nicolle Place Richmond, BC V7C 4V7

Dear Ms. Beatty:

Re: Land Use changes - Thompson - Gibsons area

This is to acknowledge and thank you for your letter of April 27, 2005 in connection with the above matter.

A copy of your letter has been forwarded to the Mayor and each Councillor for their information. In addition, your letter has also been forwarded to City staff in the Urban Development Division so that the concerns expressed may be considered by staff as the above noted land use application is processed.

Thank you for taking the time to make your concern known.

Yours truly,

David Weber

Director, City Clerk's Office

DW:wd

pc:

Mayor and each Councillor (with letter) Raul Allueva, Director, Development

RICHMOND

Island City, by Nation

TO: MAYOR & EACH COUNCILLOR FROM: CITY CLERK

pc: Director, Developmen \$311 Nicolle Place for attachment to Richmond B.C. V7C 4V7 appropriate, Planning

che report

April 27, 2005

Councillor Linda Barnes City of Richmond 6911 No. 3 Road Richmond B.C. V6Y 2C1

Dear Councillor Barnes,

As a lifelong Richmondite and a Thompson resident since 1983, I am vehemently opposed to any changes in our neighbourhood.

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Our unique neighbourhood should not meet it's demise as others in Richmond have through overzealous development.

Please allow us to keep our Gibbons - Thompson neighbourhood.

Sincerely,

CB Breetle Cynthia Beatty

DW KY AS DB WB

**JRM** 

#### Burke, Holger

From: Mayor

MayorandCouncillors

Sent:

Thursday, 28 April 2005 2:05 PM

To:

'kalexander@kzellaw.com'

Subject: RE: Rezoning Applications

Dear Ms. Alexander,

This is to acknowledge and thank you for your email and letter regarding the rezoning application for 4031 Tucker Avenue and other area applications. A copy of your message has been forwarded to the Mayor, each Councillor and will be attached to the appropriate staff report that will be considered by the Planning Committee and City Council when the matter comes before Council in due course.

Thank you for taking the time to make your views known.

Yours truly,

David Weber

David Weber
Manager, Legislative Services
City Clerk's Office
City of Richmond
6911 No.3 Road, Richmond, BC, V6Y 2C1

voice: (604) 276-4098 fax: (604) 278-5139

email: dweber@richmond.ca web: www.richmond.ca

**From:** Kathy Alexander [mailto:kalexander@kzellaw.com]

**Sent:** Wednesday, 27 April 2005 8:55 AM **To:** MayorandCouncillors; Brodie, Malcolm

Subject: Rezoning Applications

Dear Mayor and Council Members,

We will be attending the Open House being held tonight, Wednesday, April 27, 2005 at the Thompson Community Centre to protest this application for rezoning in the areas described in my attached letter. I would really appreciate your time and consideration in reading my letter as I feel this matter is close to my heart and also the well-being of my neighbourhood.

Thank you very much for listening.

Yours truly,

- Kathy

Kathy Alexander

Kahn Zack Ehrlich Lithwick

Legal Assistant

Barristers & Solicitors 270 - 10711 Cambie Rd. Richmond BC V6X 3G5

Phone: 604.270.9571 Fax: 604.270.8282 Email: kalexander@kzellaw.com

25 Years 1980 - 2005

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#### Katherine S. Alexander 4040 Tucker Avenue Richmond, BC V7C 1L8

Telephone: (604) 271-7311 Email: kalexander@kzellaw.com

April 27, 2005

Mayor Malcolm Brodie and Richmond City Council Richmond, B.C.

Dear Sirs/Mesdames:

Re: Rezoning and Development of 4031 Tucker Avenue, Richmond, B.C. and Other redevelopments being reviewed along No. 1 Road and Granville Avenue for multi-family dwellings (File Nos. RZ 03-244042, RZ 04-272729, RZ 04-275922, RZ 04-275758, RZ 04-273075)

My husband and I have lived in Richmond all our lives and we have lived in our current neighbourhood at 4040 Tucker Avenue since 1983. My two sons were born and raised here. We work and have paid our taxes here all our lives. Malcolm, you know I am a responsible person (as I have worked for you for seven years in the past, when you were a partner in Brodie Morrice), and that I am committed to living, working and playing in this wonderful place we call Richmond. We <u>DO NOT</u> want our residential area rezoned to smaller lots (specifically the house directly across the road from us). It greatly distresses me to see so many changes happening in Richmond that pertain to trying to cram as many people as possible into this City. We value our larger size lots and we <u>DO NOT</u> want to see any changes happening to our neighbourhood. We have spoken to some of our neighbours and they are outraged that the City would even consider doing this type of rezoning in our area.

We will fight the proposed development as we feel this threatens the very core of why we live here in the first place. We have enough townhouses and condos just on the West side of No. 1 Road, and if you allow the developers to build even more on the East side of No. 1, you will be allowing the best of the Terra Nova/West Richmond area to turn into closed-in claustrophobic little box homes. You are in the process of putting in a beautiful park and nature reserve in Terra Nova, so why would you even consider allowing for smaller lots in the same area?

We implore you to not allow the developers to rezone this area for smaller lots. It will literally ruin this neighbourhood. Change is not always a good thing. Thank you.

Yours truly,

- Kathy Alexander

#### Katherine S. Alexander 4040 Tucker Avenue Richmond, BC V7C 1L8

Telephone: (604) 271-7311

April 27, 2005

Mayor Malcolm Brodie and Richmond City Council Richmond, B.C.

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Yours truly,

- Kathy Alexander

TEMPO\Kathy\KA\0501



#### City of Richmond

6911 No.3 Road, Richmond, BC V6Y 2C1 Telephone (604) 276-4000 www.city.richmond.bc.ca

May 6, 2005

File:

RZ04-272729, RZ 04-275922, RZ 03-244042, RZ 04-275758,

RZ 04-273075

City Clerk's Office Telephone: (604) 276-4007 Fax: (604) 278-5139

A. Ruppel & E. Ruppel 6760 Gibbons Drive Richmond, BC V7C 2E1

Dear Sir/Madam:

#### Re: Development options on Granville Avenue and No. 1 Road

This is to acknowledge and thank you for your letter dated April 30, 2005 in connection with the above matter.

A copy of your letter has been forwarded to the Mayor and Councillors for information. In addition to accompanying the staff report on this matter as they are forwarded to Planning Committee and Council for consideration, your letter has also been forwarded to City staff in the Urban Development Division so that the concerns expressed may be considered by staff as the above noted land use applications are processed.

Thank you for taking the time to make your concerns known to Council.

Yours truly,

David Weber

Manager, Legislative Services

DW:wd

pc:

Mayor and Councillors

Sara Badyal, Planner 1

mil Wiles

April 30, 2005

City Of Richmond Planning Department 6911 No. 3 Road Richmond, B.C. V6Y 2C1

Attention: Malcolm D. Brodie, Mayor

TO: MAYOR & EACH COUNCILLOR FROM: CITY CLERK pc: Director, Development for attachment to Planning Cte reports in due course.

JRM DW KY AS DB WB

04-27-724 04-275922

04/- 275758

03-244046 O4-27307:

Dear Sir

Re: Development options along Granville Avenue and No. 1 Road, Rezoning applications # RZ 04-272729, # RZ 04-275922, # RZ 03-244042 # RZ 04-275758, # RZ 04-273075

We have lived on Gibbons Drive for many years and have seen numerous changes in our neighbourhood during this time. In the past 15 years, development throughout the area has taken place mainly in the form of new, larger home construction on existing lots. Any subdivision of properties was within the community's R1-E larger lot zoning for detached Single Family dwellings. The character of our neighbourhood has remained mostly intact. Now, with two applications to rezone some of the properties for high density condo/townhouse dwellings, and three applications to subdivide other properties, the character, the ambiance, the market value, and ultimately the safety of this neighbourhood are at risk.

We received an invitation from the City Planning department to attend an open house meeting on April 27, 2005 at Thompson Community Centre. The information included in the letter was substantially without details. The letter did include a map of the area indicating five rezoning applications. Upon attending, we were surprised to discovered that the whole area, from the east side of No. 1 road to the walkway beside Brunette school, including the south side properties on Granville, were under review for rezoning to a higher density subdivision classification, but, there was little information about the proposed condo/townhouse development. We would have appreciated City details on the physical aspects of the development proposed, including the number of units permitted on the properties in question, the physical appearance, the size, and the number of levels allowed.

As a public meeting, we expected to be able to ask questions and hear questions by others, in an open format with responses which all of our neighbours attending could hear. Instead, we were presented with information boards which were sadly lacking in information and appeared to be more like a sales pitch encouraging higher density development. The Thompson Community Centre meeting provided very little information regarding the plans for the proposed developments and it appeared the planning department had already made a decision to allow higher development.

#### Concerns:

- Granville Avenue already has traffic problems by Brunette School <u>Granville Ave.</u> should NOT be classified as an Arterial Road
- · A significant number of new larger homes have been built within the past ten years on the existing properties along Granville Avenue. Rezoning to higher densities would negatively affect the market value of these homes.

- Gibbons Drive already has traffic problems due to Thompson School traffic, Gibbons Park traffic, and motor vehicle traffic that bypasses No. 1 Road in favour of Gibbons Drive, in order to gain time — Any development that increases traffic is a problem
- No. 1 Road is a high traffic Arterial Road with Thompson School abutting the street. The west side of No. 1 Road already has 654 high density townhouses. Adding more vehicles accessing #1 Road increases the risk of more accidents.
- Increased density increases noise and traffic, thereby negatively impacting the quality of life for all the residents.
- Increased density, along with a surrounding wall of condo/townhouses, will significantly reduce the market values for most properties.

Many of the property owners in the area have built large, very expensive, distinctive homes. If the City were to allow the rezoning, some of these homes would now have a back yard view of a row of three story condo/townhouses with no privacy and a huge reduction in the market value of their home. Currently, with the R1-E larger lot zoning, a detached single family home can be built on each of the rezoning application properties without rezoning. These properties should not be rezoned! All the rezoning applications should be rejected!

We do not want high density, condo/townhouse development in our neighbourhood. We urge the City to reject the rezoning applications for 4111 & 4093 Granville, and 6840 & 6880 No.1 Road. and to make the current single family R1-E large lot zoning permanent.

Granville Ave. between Railway Ave. and No. 1 Road should be removed from the Arterial Road classification and be designated single family large lot zoning.

Rezoning or development should never take place where the majority of the residents affected are against the rezoning and where only a few would benefit at the cost to the majority. The City Councillors and Staff should be listening to the residents not the developers. It is wrong to destroy neighbourhoods just to increase the City tax base or fill the pockets of a few developers. To change the zoning from Single Family to that of high density dwellings will change the character of the neighbourhood. We have chosen to live here because we appreciate and enjoy the spaciousness and ambiance. To impose high density building zoning on this neighbourhood would be wrong and would break the trust we have in the City Councillors and Staff to make informed, logical, and fair decisions that ultimately affect the lives of us and our neighbours.

Yours truly,

Akuppel

Ruypel E. Ruppel A. Ruppel 6760 Gibbons Drive.

Richmond, B.C. V7C 2E1

City Of Richmond Planning Department 6911 No. 3 Road Richmond, B.C. V6Y 2C1

Attention: Mr. Holger Burke, Development Coordinator

Dear Sir

Re: Development options along Granville Avenue and No. 1 Road,
Rezoning applications # RZ 04-272729, # RZ 04-275922, # RZ 03-244042
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Many of the property owners in the area have built large, very expensive, distinctive homes. If the City were to allow the rezoning, some of these homes would now have a back yard view of a row of three story condo/townhouses with no privacy and a huge reduction in the market value of their home. Currently, with the RI-E larger lot zoning, a detached single family home can be built on each of the rezoning application properties without rezoning. These properties should not be rezoned! All the rezoning applications should be rejected!

We do not want high density, condo/townhouse development in our neighbourhood. We urge the City to reject the rezoning applications for 4111 & 4093 Granville, and 6840 & 6880 No.1 Road, and to make the current single family R1-E large lot zoning permanent.

Granville Ave. between Railway Ave. and No. 1 Road should be removed from the Arterial Road classification and be designated single family large lot zoning.

Rezoning or development should never take place where the majority of the residents affected are against the rezoning and where only a few would benefit at the cost to the majority. The City Councillors and Staff should be listening to the residents not the developers. It is wrong to destroy neighbourhoods just to increase the City tax base or fill the pockets of a few developers. To change the zoning from Single Family to that of high density dwellings will change the character of the neighbourhood. We have chosen to live here because we appreciate and enjoy the spaciousness and ambiance. To impose high density building zoning on this neighbourhood would be wrong and would break the trust we have in the City Councillors and Staff to make informed, logical, and fair decisions that ultimately affect the lives of us and our neighbours.

Yours truly,

6760 Gibbons Drive,

Richmond, B.C. V7C 2E1



#### City of Richmond

6911 No.3 Road, Richmond, BC V6Y 2C1 Telephone (604) 276-4000 www.city.richmond.bc.ca

April 21, 2005 File: RZ04-273075

City Clerk's Office Telephone: (604) 276-4007 Fax: (604) 278-5139

Ms. Alberta Moore 4591 Granville Avenue Richmond, BC V7C 1E3

Dear Ms. Moore:

#### Re: Proposed Rezoning at 4611 Granville Street

This is to acknowledge and thank you for your letter of April 18, 2005 in connection with the above matter.

A copy of your letter has been forwarded to the Mayor and each Councillor for information. In addition to accompanying the staff report on this matter when the report is forwarded to Planning Committee and Council for consideration, your letter has also been forwarded to City staff in the Urban Development Division so that the concerns expressed may be considered by staff as the above noted land used application is processed.

Thank you for taking the time to make your concerns known.

Yours truly,

David Weber

Manager, Legislative Services

DW:rms

pc: Mayor and each Councillor (with letter)

Director of Development

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They have contributed very lettle to help put Richmond where it is today.

Thanks for taking the time to read my letter

Allerta Moore.

#### Burke, Holger

From:

Allueva, Raul

Bent:

Tuesday, 19 April 2005 11:13 AM

To:

Burke, Holger; Badyal, Sara

Subject:

FW: Rezoning between No. 1 Road and Granville Ave.

FYI

Raul Allueva Director of Development City of Richmond 6911 No. 3 Road, Richmond BC V6Y-2C1 (604) 276-4138 fax: (604) 276-4052 <mailto:rallueva@richmond.ca>

Raul Allueva Director of Development City of Richmond 6911 No. 3 Road, Richmond BC V6Y-2C1 (604) 276-4138 fax: (604) 276-4052 <mailto:rallueva@richmond.ca>

Raul Allueva Jirector of Development City of Richmond 6911 No. 3 Road, Richmond BC V6Y-2C1 (604) 276-4138 fax: (604) 276-4052 <mailto:rallueva@richmond.ca>

----Original Message----From: MayorandCouncillors

Sent: Tuesday, 19 April 2005 11:02 AM

To: Allueva, Raul

Subject: FW: Rezoning between No. 1 Road and Granville Ave.

For attachment to appropriate Planning Committee rezoning report.

David Weber

Manager, Legislative Services

City Clerk's Office City of Richmond

6911 No.3 Road, Richmond, BC, V6Y 2C1

voice: (604) 276-4098 fax: (604) 278-5139 email: dweber@richmond.ca web: www.richmond.ca

----Original Message----From: MayorandCouncillors

Sent: Tuesday, 19 April 2005 10:47 AM

To: 'Andy Lam'

Subject: RE: Rezoning between No. 1 Road and Granville Ave.

Dear Mr. Lam,

This is to acknowledge and thank you for your email of April 16, 2005 in connection with rezoning in the No.1 Road and Granville Avenue area, a copy of which has been forwarded to the Mayor, each Councillor and to City staff for information.

Thank you for taking the time to make your views known to Council.

Yours truly,

David Weber

David Weber
Manager, Legislative Services
City Clerk's Office
City of Richmond

6911 No.3 Road, Richmond, BC, V6Y 2C1

voice: (604) 276-4098 fax: (604) 278-5139 email: dweber@richmond.ca web: www.richmond.ca

----Original Message----

From: Andy Lam [mailto:andykhlam@hotmail.com]

Sent: Saturday, 16 April 2005 9:04 PM

To: MayorandCouncillors

Subject: Re: Rezoning between No. 1 Road and Granville Ave.

Dear Councillor Derek Dang,

fy name is Andy Lam and live in Tucker Ave over 3 years. I written an email co you is due to the rezoning application in my neighbourhood. I would like you to reject all of their application. Our community is peaceful and neighbour is help each orther. Any change would cause the uncertainity, like increase traffic and safety issue. The townhouse and subdivision would increase the population density in this area. Did the school have sufficient place and resourse to accept more student? Everyone know that the Provincial Government had cut the budget of the education. This mean all the kids will get less than before. I highly want to preserve the single family and livability of our Neighbourhood.

Best Regards,

Andy Cell 604-789-7222

On the road to retirement? Check out MSN Life Events for advice on how to get there! http://lifeevents.msn.com/category.aspx?cid=Retirement

#### Burke, Holger

From:

Allueva, Raul

Sent:

Tuesday, 5 April 2005 12:23 PM

To:

Burke, Holger

Subject: FW: to Mayor Malcolm D. Brodie

Arterial Policy input, FYI. This is the area for the first workshop.

Raul Allueva **Director of Development** 

City of Richmond 6911 No. 3 Road, Richmond BC V6Y-2C1 (604) 276-4138 fax: (604) 276-4052 <mailto:rallueva@richmond.ca>

----Original Message----From: MayorandCouncillors

Sent: Tuesday, 5 April 2005 11:43 AM

To: 'A. Tsui'

Subject: RE: to Mayor Malcolm D. Brodie

Dear Mr. and Mrs. Tsui,

This is to acknowledge and thank you for your email to the Mayor and Councillors in connection with land use applications in the Gibbons/Thompson area, a copy of which has been forwarded to the Mayor and Councillors for information.

In addition, your message has been forwarded to Raul Allueva, Director of Development, so that your views may be taken into consideration by staff as land use applications are processed and forwarded to Planning Committee and to Council for consideration.

Thank you for taking the time to make your views known to Council.

Yours truly,

David Weber

David Weber Manager, Legislative Services City Clerk's Office City of Richmond 6911 No.3 Road, Richmond, BC, V6Y 2C1

voice: (604) 276-4098 fax: (604) 278-5139

email: dweber@richmond.ca web: www.richmond.ca

From: A. Tsui [mailto:acmaytsui@yahoo.ca]

**Sent:** Friday, 1 April 2005 4:59 PM

To: MayorandCouncillors

Subject: to Mayor Malcolm D. Brodie

Dear Mayor Brodie:

We are writing in response to a few applications for rezoning in the area of Gibbons/Thompson in Richmond.

By way of this electronic letter, we are expressing our strong opposition to any rezoning application in the above mentioned area. We want to preserve the current R1-E single family zoning for this area. There is already a high density zoning in the Terra Nova area and we want to keep the Gibbons/Thompson area as single family dwellings.

We are homeowners of a house at Gibbons Drive and have a young child. We want the neighbourhood to remain as single family zoning to keep the sense of family only a smaller community can have. We do not want to see the area crowded and overwhelmingly populated. By permitting a few rezoning applications now, in a few years, there will be no stopping to the change in the face of the neighbourhood. Again, we strongly oppose to any rezoning proposal from the current R1-E single family zoning for the Gibbons/Thompson area in Richmond.

If you wish to respond to our letter, please do so by email. Thank you.

Sincerely, Ana and Alexandre Tsui 6440 Gibbons Drive Richmond, BC V7C 2C8

Post your free ad now! Yahoo! Canada Personals

Ke: Item 26 Council jenda March 29, 2005

City of Richmond 6911 No. 3 Road Richmond, B.C. V6Y 2C1

TO: MAYOR & EACH COUNCILLOR

pc: GM-UD March 24, 2005

Director, Development
For information

DW KY AS

4105.00

Mr. Bill McNulty Chairman, Planning Committee Copy: Rob Howard

Harold Steves Sue Halsey-Brandt Linda Barnes

Joe Erceg, General Manager, Urban Development

### Re: Comments made at the Planning Committee Meeting, March 22.

The Gibbons/Thompson Neighborhood Group had a few members monitoring this meeting because of the negative effects that the Arterial Road Policy could have on our neighborhood. We had a meeting of our own group on March 23, and we felt that the speech given by Mr. Dhaliwal required some clarification.

- 1. He states that he held public consultation with the neighborhood. Do not believe him. He carefully chose a date so that as few people as possible would be available to attend. He put flyers into mailboxes with about 5 days of short notice. He held his public consultation on Sunday evening, December 19, 2004. Yes, four days before Christmas when most people were away on holidays or tied up with other engagements. He was trying to avoid public consultation not encourage it. He easily could have chosen a better date if he wanted to. His true colors are showing through-he tried to pull a fast one and got caught- shame on him!
- 2. He stated that he originally wanted to make application for single family homes on his two properties. This was his original wish. He said that he would not have cancelled his single family application except that City Staff talked him into it. Astonishingly, he accused and blamed Richmond City Staff for talking him out of his single family application and persuading ( almost forcing) him to apply for rezoning to multiple family townhouses. This pressure tactic of making Staff culpable to his rezoning application was viewed very negatively by our members and I hope that Staff and Planning Committee Members saw it the same
- 3. The last Developer/speaker suggested that he did not want single family neighborhoods making any decisions about the development in their area. He was suggesting that the Developers should do this. Sadly, this mind set seems entrenched throughout the development community in Richmond. Mr. Dhaliwal and other Developers seem to want to run the development in the City. Our Group knows that Council and City Staff make the final decisions and that Developers who think this way will be dealt with firmly. Contrary to the

Development community, our neighborhood wants input into development decisions that affect the character and livability of our neighborhood.

- 4. Mr. Dhaliwal said that if the City changed the rules it will make him lose money. He said that the rule change has caught him by surprise. Well the rules are changing for our single family neighborhood as well. We are more surprised with these rule changes than Mr. Dhaliwal will ever be. To allow rezoning to high density 3 storeys multiple family townhouses (a major and surprising change in the rules for us) will negatively change the character and livability of our entire neighborhood. The risk the Developer took investing in land and costs of making his application is very small when compared to the huge risk investment made by surrounding single family home owners. Mr. Dhaliwal will not lose money as he suggests. He has a significant capital gain in these properties even if he builds single family under R1-E zoning as he so strongly suggested he wanted to do!
- 5. Mr. Dhaliwal wants his applications 'grandfathered' because they were in the process prior to the amended Arterial Road Policy. He is asking for a favor and special treatment. He is trying to avoid public input and he is trying to fast tract his approvals. It is our view that his applications should go forward under the new revised rules just like any other applicant. He should not be given any favors or special considerations. The City of Richmond owes him nothing.
- 6. Mr. Dhaliwal gave the standard dry and monotonous speech that Developers give-he was just following the rules, he was just doing what City Staff told him to do, he was away in Ottawa for a long time (if this meant something), that delays would cost him money, that he wanted to see his application given special treatment, that he held public consultation, etc. Mr. Dhaliwal is trying everything that he can think of to get this maximum density-3 storey townhouse applications approved, to make a hugh profit and to move on to find another neighborhood to destroy. He does not care one bit about the surrounding neighborhood and the long term single families that he will hurt.
- 7. We were please when Planning Committee Members asked Staff what guarantees were built into the revised Arterial Road Policy that would steer high density developments to transit hubs, shopping malls and the Rav-Line or other appropriate areas where it should go. This will lead to good planning! We feel this is going in the right direction. We feel that the Arterial Road Policy should not be uniformly applied all over Richmond. We feel that unique single family neighborhoods should be protected to give Richmond the diversity that it needs. There is plenty of room in Richmond for both.

We are confident that the Planning Committee Members and City Staff will see through **Mr. Dhaliwal's spin on things.** He is a good powerful speaker, even though the content may be self serving and inaccurate.

We hope that the above observations and opinions about the March 22, 2005 Planning Committee Meeting is helpful.

Yours truly,

Ian Frier

4240 Tucker Avenue,

Richmond, V7C 1M1

604 274 2862

Member, the Gibbons/ Thompson Group.

pe-GM, UD
-Director,
Dev Hops

4451 Stonecrop Avenue Richmond, BC V7C 1L6

Copied & distributed

to all.

21 February 2005

Malcolm Brodie, Mayor City of Richmond 6911 No. 3 Road Richmond, BC V6Y 2C1

Reference:

Rezoning of 4111 and 4093 Granville file #RZ04-275922 and

Rezoning of 6840 and 6880 No. 1 Road file #RZ04-272729

Dear Sir,

Like many of our neighbours in the immediate area, my wife and I are strongly opposed to the above referenced rezoning applications. If these applications are allowed to continue with multi-family housing this will be the first of many steps to encroach into and destroy the quiet single family residential neighbourhood area bounded by Granville Avenue, No. 1 Road, Westminster Highway, and Riverdale Road.

This area consists of large and medium size lots that contain many single detached houses that give the neighbourhood its own style of housing construction and single family residential character.

The neighbourhood has grown and developed its own single family residential character since the 1940's when the Gibbon's Area was created under the Veterans Land Act to demonstrate the gratitude of a grateful nation to returning veterans from WWII by supplying various single family lots.

To date, many older style single family houses have been replaced with new up-to-date single family houses that has slowly changed and further enhanced the face and character of the bounded area noted above. This is the normal and expected advancement of development as time progresses.

However, to change the Zoning to Multi-Family housing, will be a major mistake. This mistake will eventually lead to the destruction of another valued neighbourhood and accelerate the continued growth of the "Condominium City of Richmond". Examples of this can be seen in many areas of Richmond.

It is unfortunately obvious that some of the current landowners within the bounded area noted above have permitted their properties to fall into neglect. This has been done in the hope that the landowners can make large financial gains by selling their to land developers, who in their turn intend to make even bigger profits by constructing multifamily housing. These financial gains are being planned with total disregard to the nature of the existing character of the single family lots and homes in the bounded area noted above.

Re-Zoning of the properties referenced above will be a major mistake. This will encourage other re-zoning applications for the construction of other multi-family housing that will further benefit the landowners and developers. All of this will be done at the expense and destruction of the quiet and well-established single family residential area.

We are requesting the City of Richmond to be responsible in upholding the character of its existing neighbourhoods and not permit through greed the wanton destruction of single family land and houses. Instead, the City of Richmond should encourage the existing landowners to develop their land for new and up-to-date single family houses that will further enhance the character of the existing neighbourhood.

y Granville Avenue, No. 1 Road, Westminster Highway,

and Riverdale Road, as single famil-

W2/kows

Yours sincerely

Michael E. Thomas



## City of Richmond

6911 No. 3 Road, Richmond, BC V6Y 2C1 Telephone (604) 276-4000 www.city.richmond.bc.ca

February 24, 2005 File: RZ 04-275922 RZ 04-272729

**Urban Development Division** Fax: (604) 276-4052

Ian Frier 4240 Tucker Avenue Richmond, B.C. V7C 1M1

Dear Sir:

Re: Rezoning Applications RZ 04-275922 (4093 and 4111 Granville Avenue) and RZ 04-272729 (6840 and 6880 No. 1 Road)
Review of the Lane Establishment and Arterial Road Redevelopment Policies

This is to acknowledge the receipt of and to respond to your letters:

- dated January 13, 2005 to Holger Burke regarding the Arterial Roads Policy;
- dated February 14, 2005 to the Mayor and Council and to Victor Wei regarding the Gibbons Area concerns with the Arterial Road designation and the No. 1 Road buffer; and
- dated February 18, 2005 to Joe Erceg regarding the status of rezoning applications RZ 04-275922 and RZ 04-272729.

#### At this point in time:

- neither of these rezoning applications are scheduled for the Planning Committee (and are in no position to be going to Council for final approval);
- staff are still working on the details of the public consultation process for the review of the Lane Establishment and Arterial Road Redevelopment Policies; and
- a date has not yet been set for another public information meeting on these rezoning applications nor for an open house on the public consultation process for the review of the Lane Establishment and Arterial Road Redevelopment Policies.

In the meantime, your various concerns expressed in each of your letters are being taken into consideration.

Yours truly,

Holger Burke, MCIP Development Coordinator

HB:hb



CP: Holger, Raul, Victor

City of Richmond 6911 No. 3 Road Richmond, B.C. V6Y 2C1

02/1//2003

Fax 604-276-4222

Mr. Joe Erceg, General Manager, Urban Development Division. CITY OF RICHMOND
DATE

Feb 18/2035

RECEIVED
URBAN DEVELOPMENT

Dear Mr. Erceg;

# Re: Rezoning of 4111 and 4093 Granville file # RZ04-275922 and rezoning of 6840 and 6880 No. One Road file # RZ04-272729.

I would like to get an update of the status of these two rezoning applications.

1. When will your department be forwarding these applications to the planning committee?

2. When would you anticipate that a public information meeting would be held for these applications?

3. When would these applications go to Council for final approval?

Could you please fax the reply?

Regards /

Ian Frier

4240 Tucker Avenue

Richmond, B.C.

V7C 1M1

Phone 604-274-2862

Fax 604-274-2869

Dolger.

February 18, 2005 City of Richmond 6911 No. 3 Road Richmond, B.C.

FRIER

Fax 604-276-4222

V6Y 2C1

Mr. Joe Erceg, General Manager, Urban Development Division.

CITY OF RICHMOND DATE URBAN DEVELOPMENT

Dear Mr. Erceg;

# Re: Rezoning of 4111 and 4093 Granville file # RZ04-275922 and rezoning of 6840 and 6880 No. One Road file # RZ04-272729.

I would like to get an update of the status of these two rezoning applications.

- 1. When will your department be forwarding these applications to the planning committee?
- 2. When would you anticipate that a public information meeting would be held for these applications?
- 3. When would these applications go to Council for final approval?

Could you please fax the reply?

Regards

Ian Frier

4240 Tucker Avenue

Richmond, B.C.

V7C 1M1

Phone 604-274-2862

Fax 604-274-2869

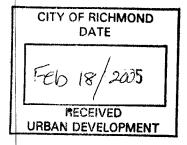
City of Richmond 6911 No. 3 Road Richmond, B.C. V6Y 2C1

Fax 604-276-4222

Mr. Joe Erceg, General Manager, Urban Development Division.

Dear Mr. Erceg;

February 18, 2005



# Re: Rezoning of 4111 and 4093 Granville file # RZ04-275922 and rezoning of 6840 and 6880 No. One Road file # RZ04-272729.

I would like to get an update of the status of these two rezoning applications.

FRIER

- 1. When will your department be forwarding these applications to the planning committee?
- 2. When would you anticipate that a public information meeting would be held for these applications?
- 3. When would these applications go to Council for final approval?

Could you please fax the reply?

Regards /

Ian Frier

4240 Tucker Avenue

Richmond, B.C.

V7C 1M1

Phone 604-274-2862

Fax 604-274-2869

February 14, 2005

City of Richmond 6911 No. 3 Road, Richmond, B.C. V6Y 2C1

Mayor and Council

11.2. 14/2/0

Mr. Victor Wei, P. Eng.

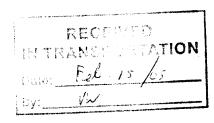
Acting Director, Transportation.

Re: Gibbons Area – Concerns with "Arterial Road" Designation.
-- Concerns with "the No. 1 Road Buffer"

Dear Mr. Wei.

Thank you for replying to the letter that I addressed to Mr. Joe Erceg, General Manager, Urban Development. I am a member of the neighborhood organization who oppose the two rezoning applications 4111 and 4093 Granville Avenue and 6840 and 6880 No. 1 Road. The 'Arterial Road" designation on Granville Avenue is a big issue. Granville Avenue is a quite, lightly used single family street which will be destroyed by Urban Developments designation. Maintaining a 'buffer zone' on No.1 Road is also a major issue. The Arterial Road Policy has huge implications that are **changing the entire landscape of Richmond** and changing the livability and life styles of many long term single family residents. It is quite clear that the Developers, the Urban Development Institute, the Greater Vancouver Home Builders Association, the Real Estate Board of Greater Vancouver, and two local house designers who have been consulted by 'Urban Development' love the opportunity to make huge profits while destroying and converting single family neighborhoods into multiple family townhouses.

I am totally surprised that the people left out of this equation have been the single family property owners, and I might point out, voters and taxpayers. We are probably guilty of being sound asleep and complacent when this policy was slipped in. It is also probable that the City of Richmond did not advertise it well enough to make the single family property owners aware of its tremendous impact on our lives. Single family property owners by being difficult to organize, are probably the easiest to push around. Public consultation should have been done before this policy was ever implemented. Urban Development Division cannot simply dictate the massive destruction and conversion of single family properties into multiple family all over the place.



The 'Arterial Road Policy has many weaknesses that Council should immediately fix.

- 1. A well thought out Policy does not exist! I went to City Hall and asked for a copy of this Policy. I was surprised to, say the least, to find out the Policy was incomplete and that a final copy did not exist and was not available to me. I have since found out that the Policy was turned down by Council and sent back to Urban Development for review. The two rezoning applications referred to above are proceeding under an interim Arterial Road Draft which I was told about. The original Policy looked good on paper but in a practical sense has many weaknesses. Is the City of Richmond going to proceed with a Policy that will be sent back for revisions every time a problem crops up?
- 2. Granville Avenue from Railway to No. 1 Road should be removed from the 'Arterial Road' classification. Urban Development Division cannot simply draw lines on a map and force taxpayers to accept the redevelopment that you dictate. The surrounding neighborhood wants this section of Granville Avenue to remain as single family Ri-E zoning. Consultation will not change this.
- 3. There should be built into this Policy a 'protected area provision'. This policy should not be applied evenly along the full length of the designated roads without protecting existing and unique single family neighborhoods along the way. This approach is totally unacceptable. There are unique areas along these roads that should be protected. These should have been identified through public consultation before encouraging Developers to accumulate land. Our neighborhood in 1996 had to fight to stop a developer from obtaining rezoning. A survey was done at that time showing a large majority of property owners wanting R1-E to apply to our neighborhood. Council in their wisdom agreed. This is on City Hall records. The Urban Development Division should know this! The fact that our neighborhood has to waste our time fighting the Developer and also fighting the 'Urban Development Division' to protect our properties is quite frankly distasteful.

The obvious planning objective of protecting single family subdivisions while steering rezoning to areas where it is suitable- near shopping areas, near main transit hubs, and along the Rav Line is being missed.

This is a major redevelopment policy and is changing the entire landscape of Richmond. If some common sense is not applied to the implementation of the policy, multiple family rezoning will not only be 'walling in' single family neighborhoods all over the place but will be destroying and converting entire single family neighborhoods into extinction (much Like the Dinosaur)

Does Council want to chase everyone who wants single family neighborhoods out of Richmond? Where is the line going to be drawn? How many families are going to be hurt before good planning prevails? Is Single family zoning heading for extinction in Richmond? When is Council going to stand up and protect single family neighborhoods? Will Richmond become a 'townhouse city'? What balance is needed between single family and multiple family? It is quite obvious that better planning is required in implementing the redevelopment Policy.

There has to be a Balance- where will it ever stop! At the moment, Residents that I am talking to simply no longer trust the 'Urban Development Division' to stop encouraging further encroachment into single family neighborhoods. Consultations at this late stage are better than nothing but the anger and mistrust is growing and the redevelopment is chewing up more single family properties as we speak.

In your letter, you state that Granville Avenue "should continue to be classified as a minor arterial road". Your mind seems to be made up! Further you state that there will be public consultation and part of this will be "the determination of the appropriate type of development along different priority roads". We already have two unwanted and misplaced rezoning application that are being processed and shoved down our throats by 'Urban Development Division'. Thru your encouragement, Urban Development Division has multiple family developers buzzing around our neighborhood like honey bees to flowers. You have been told that our neighborhood wants only single family RI-E zoning as a minimum. Your Urban Development Department obviously disagrees with our entire neighborhood. You are trying to force multiple family zoning into a neighborhood that does not want it. You are trying to implement this policy with no regard for single family property owners. It is little wonder that our neighborhood is having to fight with you. It is little wonder that you are loosing our trust. You should review your approach on this and come up with something better.

I have read and reread the City of Richmond brochure titled "Residential Redevelopment Along Richmond's Arterial Roads". In this Brochure it clearly states that Council adopts certain policies. Urban Planning Division is encouraging a Developer to apply for rezoning for 14 high density three storey townhomes on two approximately three quarter acre lots in an area that is not around a Neighborhood Center and is quite a distance away from a small neighborhood mall (Terra Nova) and no where near focal points for transit or other services. The Terra Nova mall is so small that the entrance roads (No. 1 Road north of Westminster and Westminster Hwy West of No. 1 Road) are not classified as Arterial Roads. What is going on here? Is this redevelopment and road classification out of control? No where in this brochure does it say that high density town homes will be allowed along an arterial road not near a Neighborhood Centre. Nowhere in this Policy does it say isolated multiple family 3 story high density developments are going to encroach into single family neighborhoods to be right next door to nice single family homes. Looking up at a 2 or 3 story wall a few feet from your property line will not be nice.

The way this Arterial Road Policy is being put into practice is creating huge animosity and mistrust with a large number of voters. We are not going to go away or get tired fighting for the survival of our neighborhood. We have large investments in our property. The implementation of this Policy by the Urban Development Division' is threatening our neighborhood, our property values, our life style and our desire to stay in Richmond. Our feet are now dug in – you are going to have to force us out!

Terra Nova has a corridor of 654 high density town homes that border our neighborhood – yes 654! This corridor is enclosed by No.1 Road on the East-Granville Avenue, Barnard Drive. And Westminster Hwy on the South, West and North respectively. All of these 654 high density town homes are within a 1 to 5 minute walk of our neighborhood. In Terra Nova, Barnard Drive acts as a buffer between single family on one side and multiple family on the other. There seems to be some good planning in Terra Nova and I think our neighborhood deserves the same. To allow multiple family high density town homes to jump across No. One Road into our single family neighborhood is not good planning. There will be no buffer between these town homes and single family lots right beside them. To plunk multiple family town homes in a patch work fashion into our neighborhood will be a planning disaster'.

Our neighborhood already has 654 high density multiple family units on our door step. This is enough high density for our neighborhood to share. We accept this because the buffer of No. 1 Road exists. We accept this because the high density multiple family is on one side while our unique single family neighborhood is on the other. The No. 1 Road 'buffer' works well - lets keep it that way.

Our neighborhood needs the help of Council to come up with a workable Policy that protects single family property owners while steering redevelopment to the proper and acceptable areas. We need Councils help to protect us from the actions of the 'Urban Development Division' encouraging Developers to put high density multiple family applications where they are not wanted. We need the help of Council to preserve the character of our neighborhood, protect our property values and show us that there still is room in Richmond for the single family property owner.

Let's Remove Granville Avenue (Railway to No. 1 Road) from the Arterial Road classification!

Let's do some good planning and maintain No. 1 Road as a BUFFER between 654 high density town houses and our single family neighborhood!

Yours truly,

Ian Frier

Copy: Mr. Joe Erceg General Manager, Urban Development

Mayor Brodie

Cllrs: Linda Barnes Evelina Halsey-Brandt Rob Howard Bill McNulty
Derek Dang Sue Halsey-Brandt Kiichi Kumagai Harold Steves

Urban Development Division Fax: (604) 276-4052



## City of Richmond

6911 No.3 Road, Richmond, BC V6Y 2C1 Telephone (604) 276-4000 www.city.richmond.bc.ca

February 3, 2005

File: 10-6360-01/2005-Vol 01

xx 4105-00

Ian Frier 4240 Tucker Avenue Richmond, BC V7C 1M1

Dear Mr. Frier:

Re: Gibbons Area - Concerns with "Arterial Road" Designation

Thank you for your letter of January 19, 2005 to Joe Erceg, General Manager, Urban Development Division requesting that the section of Granville Avenue from Railway Avenue to No. 1 Road be removed from the Arterial Roads Policy. Your letter has been forwarded to me for response.

To identify the classification to which any road belongs, consideration is given to the service function and traffic characteristics such as traffic volume, flow characteristics and vehicle speed. We recognize that this roadway section does not have a relatively large volume of traffic when compared to other sections of Granville Avenue. However, its primary function in local connectivity is still a major consideration and therefore, should continue to be classified as a minor arterial road.

For your information, the Review of the Establishment and Arterial Road Redevelopment Policies have been referred back to staff for public consultation on options related to these policies. The public consultation process will be initiated in the next several weeks. One key issue in this review is the determination of the appropriate type of development along different priority roads.

For more information on the Lane Policy and review, please contact Holger Burke, Development Coordinator at 604-276-4164. For information on transportation-related issues, please contact Donna Chan, Transportation Engineer at 604-276-4126.

Yours truly,

Victor Wei, P. Eng. Acting Director, Transportation

DC:lce

RICHMOND

Island City, by Nature

TR 1 - GM -Denetor

> Come to Park Leader 350pm

Maureen Coyle

Maureen Coyle 6811 Gibbons Drive Richmond, BC V7C2E3

January 27, 2005

Mayor Malcolm D. Brodie City of Richmond 6911 No. 3 Road Richmond, BC V6Y 2C1

Dear Mr. Mayor,

Re: Maintaining the existing zoning for our neighbourhood

Copied & distributed to all.

Date: fan 3/05
Initials: Om

I am writing on behalf of our community to inform you of our opposition to the rezoning initiatives currently underway, which will affect the Thompson/Gibbons Drive area.

Our strong opposition is reflected in the attached petition, gathered in haste over two days in November at the request of your planning department, as well as in the numerous letters sent to your planning department regarding the following zoning applications:

- # RZ04-275922 4111 and 4093 Granville
- # RZ04-2727296840 and 6880 No. One Road

We will be securing additional support from the remainder of our community to clearly demonstrate our disapproval for any changes to the existing zoning in our area.

We request that you, our elected representative, support us to maintain the existing zoning (R1/E).

Yours truly,

Maureon Eyle

City of Richmond R E C E I V E D JAN 28 2005 MAYOR'S OFFICE



## City of Richmond

6911 No.3 Road, Richmond, BC V6Y 2C1 Telephone (604) 276-4000 www.city.richmond.bc.ca

January 20, 2005 File: 4105-00 City Clerk's Office Telephone: (604) 276-4007 Fax: (604) 278-5139

Mr. Ian Frier 4240 Tucker Avenue Richmond, BC V7C 1M1

Dear Mr. Frier:

Re: Arterial Roads Policy - Granville Avenue from Railway to No. 1 Road

This is to acknowledge and thank you for your letter of January 19, 2005 in connection with the above matter.

A copy of your letter has been forwarded to the Mayor and each Councillor for their information. In addition, your letter has been referred to Joe Erceg, General Manager, Urban Development for response. If you have any questions or further concerns at this time, please call Mr. Erceg at (604) 276-4083.

Thank you for taking the time to make your views known.

Yours truly,

David Weber

Manager, Legislative Services

DW:wd

pc: Mayor and each Councillor (with letter)

Joe Erceg, General Manager, Urban Development

Holger Burke, Development Coordinator

Sara Badyal, Planner



City of Richmond 6911 No. 3 Road Richmond, B.C. V6Y 2C1 TO: MAYOR & EACH COUNCILLOR FROM: A/CITY CLERK

pc: am-ud

pc: Holger Bruke Sara Badyal January 19, 2005

PHOTOCOPIED

JAN 20 2005

& DISTRIBUTED

4105-00

DW

KY

DB

WB

Mr. Joe Erceg, General Manager, Urban Development Division.

Thank you very much for the meeting yesterday and the opportunity to express the **unanimous opposition** of residents in the 'Gibbons Area' to the multi-family rezoning applications on Granville and No One Road. As indicated, we are also having great difficulty with the interrelating 'Arterial Roads Policy' and the destruction it can cause to our unique single family area.

I attended the Planning Committee meeting on January 18 and was disappointed to see that city planners still include Granville Avenue from Railway to No. One Road in the Arterial Roads Policy. We have asked that City Planning remove it from the Arterial Road Policy. I will make the following points again in an attempt to have this done:

- 1. This is a **secondary connector road** with 2 lanes, a bike trail and a center two way turning lane. It is not a main connector road like No. One Road, Railway Avenue, Westminster Hwy, and others.
- 2. There is **no public transit** on this section of road and there is none planned for the foreseeable future. People using public transit now walk very short distances along Granville Avenue Railway Avenue or to No One Road.
- 3. The largest volume of traffic using this section of road is **local**. It originates in the catchments areas of Quilchena, Tera Nova, Gibbons and Riverdale. Local people from these areas use this road to get access to the main arteries of Railway/Granville East and access to No. 3 Road shopping.
- 4. Large volumes of commuter traffic **do not** use this section of road. This commuter traffic flows down No. One Road to Westminster Hwy or flows down Railway and East on Granville.
- 5. This section of road gets congested with local car traffic going to Thompson School. A steady stream of students uses this section of road as a walk way to get to and from school.
- 6. It is a designated bike trail. Students and others use it as such.
- 7. The 'Gibbons Area' already has a cut through traffic problems.



To keep this section of road in the 'Arterial Road 'designation makes no sense at all and represents the poorest possible urban planning. To increase the density along this section of road will create traffic problems while destroying a single family subdivision that unanimously does not want it.

I would like you to give me in writing why the City Planners want to classify this section of road as an 'Arterial Road' while it clearly is not and why City Planners want to increase the density along this lightly used secondary access road when the surrounding single family residents do not want it.

Awaiting your reply.

Yours truly,

Ian Frier 4240 Tucker Avenue Richmond, B.C. V7C 1M1 604 274 2862

Copy: Planning Committee Members-copies of related correspondence included.

Cllr. Bill McNulty (Chair)

Cllr. Sue Halsey-Brandt (Vice Chair)

Cllr. Linda Barnes

Cllr. Rob Howard

Cllr. Harold Steves

#### REVISED LETTER

City of Richmond 6911 NO. 3 Road Richmond, B.C. V6Y 2C1 January 13. 2005

Dear Ms. Badyal:

Re: Rezoning of 4111 and 4093 Granville file # RZ04-275922 and rezoning of 6840 and 6880 No. One Road file # RZ04-272729. (Revised Letter)

### I am strongly opposed to these rezoning applications.

The neighborhood from Granville- north to River Road- and West of One Road is an area of large lots and medium size lots with cottage estate type of housing. The area is unique because of this zoning and style of house construction. My wife and I built a new home here 13 years ago and have made a significant investment in it. We hope that the value of our investment will not be impaired because of this shocking zoning change that is being proposed. We have lived in Richmond for 35 years and chose to relocate to Tucker Avenue because of the differing character of the neighborhood and the living style that it had to offer. If the above mentioned rezoning applications get approval, the character of the neighborhood will be **destroyed**.

We will be walled in with three story town homes. This area will see future applications to develop small 30-33 foot lots as well as more town houses if the above mentioned rezoning application is approved. One Road from Granville to Westminster Highway will be like a tunnel. Granville Avenue, a secondary connector road will be a wall of town homes and loaded with unwanted traffic. The area will be permanently changed for ever. We all know that developers target large lots and assemble land speculating on getting zoning changes and huge profits. They typically rent the houses and run them down so redevelopment looks attractive. They get away with the highest density possible and leave with no feelings for the mess they leave behind. If this Developer had been told years ago that this area was to remain R1E zoning, there would **already** be new and attractive single family houses built on these application properties.

The area west of One Road (Terra Nova) has many town homes and small lot houses. These have been well planned and incorporated in with surrounding neighborhoods and shopping malls. In comparison, to allow a Developer to isolate off two parcels of

Land East of One Road and **plunk** (with no step down phasing in or play areas) 3 storey town houses built with maximum density inside and right next door to existing single Family cottage estate style residential homes **will be a planning disaster.** There are enough multiple dwellings on the West side of One Road already for our general area to absorb.

When we first moved to Tucker Avenue 13 years ago, a Developer was trying to get rezoning approval for 4031 Tucker Avenue. The rezoning was for 2-40' lots for small houses. The entire neighborhood rallied together in opposition to this development. The Council of the day had the good judgment to disallow the rezoning application and protected the integrity of the neighborhood. It was generally felt at the time that R1E (59.055 ft) frontage lots would be the minimum acceptable to maintain the character of the area. Nothing has changed! All my neighbors feel the same way! History should give Council some guidance in rejecting these two Rezoning applications.

If Council wants to encourage multi-family developments that encroach into cottage estate type single family residential areas, it will at the same time encourage good quality long term residents (I consider myself as one) to pack their bags and move out. My wife and I have been active in community life in Richmond for 35 years and have raised two children here. Our first preference is to remain here and continue to pay taxes here. We looked for an area 13 years ago where we could move and build our dream home. We chose Tucker Avenue because of the unique qualities of the area. Now here we are, having to fight off a new threat that will permanently change the unique character of the entire area.

What might Richmond City Planning and Council do with these two development permits? I would like to make a **constructive suggestion**. I can suggest that the Developer be told that R1E zoning 59.055 ft single family lots are the minimum that will be accepted on the East side of One Road and that plunking 3 storey town homes or 30-33 ft lots starkly into this area is not going to be acceptable.

Many other Developers have built single family housing throughout the area (some custom and some on speculation) and have successfully sold them to new owners for a profit. It is puzzling why this Developer cannot do the same. This Developer should be encouraged by Richmond City Planning and Council to change his application and move to single family construction. This Developer should not be allowed to leverage a hug profit through multi-family construction while ruining this unique single family area for long term residents.

Granville Avenue west from Railway is not a main artery. It is a secondary connector road with 2 lanes, a bike trail and a single centre two way turning lane. Surely it cannot be that the City of Richmond intends to classify this as a Arterial Road and to allow small lot or townhouse rezoning. This would be disastrous planning. Further town house applications along Granville Avenue surly will follow the approval of this one. Further town house or small lot single family applications along One Road from Granville all the way to River Road will also shortly follow. This section of road has no public transit now or planned for the future. People using public transit now walk a short distance to Railway or to One Road. This section of road is a 'walk way' for students going to and from school. The largest percentage of traffic on this road originates in the Quilchena, Terra Nova, Gibbons and Riverdale areas. It is lightly used as compared to arterial Roads like One Road and Railway and Steveston Highway. It connects these residential areas to the main arterial road of Granville/Railway and has very little pass through commuter traffic.

I hope that Richmond City Planning and Council will support the unanimous neighborhood opposition to these rezoning applications and preserve the R1E zoning. I hope that Richmond City Planning and Council will move to preserve this unique single family neighborhood as it gives needed diversity to the Richmond landscape. I hope that Richmond City Planning and Council will remove the section of Granville Avenue from Railway to One Road from its Arterial Roads classification. I hope that Richmond City Planning and Council build in flexibility to the Arterial Roads Policy that will allow unique areas to be protected.

Sincerely yours,

Ian Frier 4240 Tucker Avenue, Richmond, B.C. V7C 1M1 604 274 2862

Copy: Mayor Brodie Neighbors City of Richmond 6911 No. 3 Road Richmond, B.C. V6Y 2C1

Dear Holger Burke:

### Re: The Arterial Roads Policy.

I live in the Gibbons area which is zoned R1E and has large and medium sized lots with cottage estate type of housing. The character of our neighborhood is being threatened by a Developer who is being encouraged to proceed with redevelopment applications under the "Arterial Road Policy". The entire neighborhood is apposed to the development and encroachment of small 30-33 ft lots and multi-family townhouses into this area.

The "Arterial Road Policy" has caused a gold rush of redevelopment along designated arteries. I went to City Hall to ask for a copy of the Arterial Road Policy and was told that one **did not exist.** I was surprised to say the least. I found out that this policy has already run into problems and has been referred back to you by Council for revision. How can the City of Richmond be encouraging redevelopment, approving applications and proceeding with rezoning without a final policy in place? A more reasonable approach might have been to freeze rezoning applications pending release of the final policy.

The intentions of this letter are to make **constructive suggestions** that I hope can be included into your revised policy. I hope that these revisions can be put in place in time to prevent the destruction of our neighborhood.

1. Granville Avenue from Railway to One Road should be removed from the Arterial Road classification. This is a secondary connector road with 2 lanes, a bike trail and a single centre two way turning lane. It is not a main connector road like One Road, Westminster Hwy, 3 Road and other. There is no public transit on this section of road and none is planned for the foreseeable future. People using public transit now walk a very short distance to Railway or One Road. The largest volume of traffic using this section of road is local. It originates in the catchments areas of Quilchena, Terra Nova, Gibbons, and Riverdale. People from these subdivisions use it to connect to the main artery of Railway and Granville East of Railway to get to and from 3 Road shopping areas. Large volume commuter traffic does not use this section of road and flows down One Road or down Railway. This section of road also gets congested with local traffic going to and from Thompson School. There is a steady flow of students using this section of road as a walk way to and from school. This section of Granville is lightly used when compared to other main arterial roads and deserves a lower and different classification.

- 2. Protecting Unique Areas. There are unique areas of Richmond that deserve protecting and good planning. Rezoning to small 30-33 ft lots and town house makes good sense around shopping malls and around main transit centers. Encroaching with similar rezoning into unique single family areas with cottage estate large lot zoning makes no sense at all and would be disastrous planning. The Gibbons area is one and the Pendlebury area is another that comes to mind. I am sure there are other areas along the designated Arterial Road designations that deserve protecting as well. To apply the Arterial Road Policy evenly for the fill length of designated roads is wrong.
- 3. Public Input. The Arterial Road Policy is a major policy that will have community changing effects on all of Richmond. I dare say that the Developers love it as evidenced by the large volume of redevelopment taking place under the direction of this Policy. Directing this redevelopment to the proper places is the challenge of Council and Richmond City planning. Spreading this redevelopment evenly along the arterial roads will be disastrous planning, will destroy neighborhoods and will make Richmond an ugly and undesirable place to live. The thing that is missing in this process is public input. Before a final policy is passed it should have public input. We all live in this community together and major community changing initiatives like this require public input. Public input is the way to fine tune major public policy.

Sara Badyal has further information regarding the rezoning application of 4011 and 4093 Granville and 6840 and 6880 One Road that you might find useful to read. I hope that you will incorporate the above suggestions into your revision of the Arterial Roads Policy.

Sincerely yours,

Ian Frier 4240 Tucker Avenue, Richmond, B.C. V7C 1M1 604 274 2862

### DRAFT

# Rezoning Threatens Destruction of Historic 'Veterans Land Act' Subdivision.

The 'Gibbons Area' is a very unique historical area. This area is part of the evolution of Richmond as a community and tells the story of a particular period of History. The 'Gibbons Area' was created under the 'Veterans Land Act' to supply single family lots of various sizes to returning Veterans. The distinctive characteristics of the original Subdivision tells the story of why the 'Gibbons Area' has evolved to what it is today. Today there are large lots and medium size lots with a mix of housing from cottage estate style to medium size housing. The area is currently zoned R1-E with a minimum lot size of 59.055 ft. The residents unanimously want this subdivision to remain as single family and to remain R1-E zoning. The unique history of the 'Gibbons Area' will be lost forever if rezoning to small lots or multi-family occurs.

When developed under the VLA, the Gibbons Area' had many unique characteristics: - a unique road layout with narrow 6 meter wide roads

- single family zoning
- 2 ditches one on each side of the road for drainage.
- A curved road layout.
- A mix of lot sizes for the Veterans to choose.
- Willow trees that were planted along the streets.
- Housing type ranging from large estates to medium size.

One of the most outstanding features of the 'Gibbons Area' subdivision is that the streets area named in honor of Richmond residents who died serving in World War 11. The street names of Gibbons, Tucker, Forsyth and Gamba are a living reminder of these War veterans.

What type of subdivision exists today in the 'Gibbons Area'? There still are 3- one acre lots undeveloped in the areas which are now being targeted by developers. There are many single family cottage estate type of housing on larger lot. There are many medium size single family type of housing on medium size lots within the R1-E zoning. There still are a few Willow trees along the roadways. There still are narrow roads and two ditches. There still are curving roads. Many of the original historic characteristics of the 'Gibbons Area' have evolved and survived over the years. This area is truly unique and should be protected from unwanted rezoning and development.

It would be a travesty to allow a multi-family Developer to encroach into this historical single family subdivision and to ruin its historic character and meaning. The historic character has survived for many years but can be destroyed with one rezoning approval. This area is a living memorial for the Veterans who gave up their lives in the Second World War. This area is a living memory of Richmond's history and a subdivision created under the 'Veterans Land Act'. This area is unique and should remain R1-E zoned. This subdivision should be protected as it gives Richmond some diversity.

Ian Frier 4240 Tucker Avenue Richmond, B.C. V7C 1M1 604 274 2862

Sources: City of Richmond Web Site-Planning and Zoning-Heritage-Subdivision History. Richmond Archives- "We Will Remember Them" by Mary Keen, 1998.

World War 11- Lieutenant Lewis Ord Riddell Tucker b. July 19, 1906 Winnipeg d. October 25, 1942 Bramshott, England. Private John Reginald Forsyth

b. February 15, 1920 Richmond, B.C.

d. July 26, 1944 Italy

Private Louis Pete Gamba

b. May 14, 1920 Comox, B.C.

d. May 23, 1944 Italy

Pilot Officer James Walter Gibbons

b. August 10, 1911 Kelowna, B.C.

d. February 20, 1944 Wahrburg, Germany

JAN 1 9 2005

Co Cherks filing Raul: Victor Nei > F/I

Jamuary 19, 2005

City of Richmond 6911 No. 3 Road Richmond, B.C. V6Y 2C1

Mr. Joe Erceg, General Manager, Urban Development Division.

Thank you very much for the meeting yesterday and the opportunity to express the **unanimous opposition** of residents in the 'Gibbons Area' to the multi-family rezoning applications on Granville and No One Road. As indicated, we are also having great difficulty with the interrelating 'Arterial Roads Policy' and the destruction it can cause to our unique single family area.

URBAN DEVELOPMENT

I attended the Planning Committee meeting on January 18 and was disappointed to see that city planners still include Granville Avenue from Railway to No. One Road in the Arterial Roads Policy. We have asked that City Planning remove it from the Arterial Road Policy. I will make the following points again in an attempt to have this done:

- 1. This is a **secondary connector road** with 2 lanes, a bike trail and a center two way turning lane. It is not a main connector road like No. One Road, Railway Avenue, Westminster Hwy, and others.
- 2. There is **no public transit** on this section of road and there is none planned for the foreseeable future. People using public transit now walk very short distances along Granville Avenue Railway Avenue or to No One Road.
- 3. The largest volume of traffic using this section of road is **local**. It originates in the catchments areas of Quilchena, Tera Nova, Gibbons and Riverdale. Local people from these areas use this road to get access to the main arteries of Railway/Granville East and access to No. 3 Road shopping.
- 4. Large volumes of commuter traffic **do not** use this section of road. This commuter traffic flows down No. One Road to Westminster Hwy or flows down Railway and East on Granville.
- 5. This section of road gets congested with local car traffic going to Thompson School. A steady stream of students uses this section of road as **a walk way** to get to and from school.
- 6. It is a designated bike trail. Students and others use it as such.
- 7. The 'Gibbons Area' already has a cut through traffic problems.

To keep this section of road in the 'Arterial Road 'designation makes no sense at all and represents the poorest possible urban planning. To increase the density along this section of road will create traffic problems while destroying a single family subdivision that unanimously does not want it.

I would like you to give me in writing why the City Planners want to classify this section of road as an 'Arterial Road' while it clearly is not and why City Planners want to increase the density along this lightly used secondary access road when the surrounding single family residents do not want it.

Awaiting your reply.

Ian Frier

Yours truly

4240 Tucker Avenue

Richmond, B.C.

V7C 1M1

604 274 2862

Copy: Planning Committee Members-copies of related correspondence included.

Cllr. Bill McNulty (Chair)

Cllr. Sue Halsey-Brandt (Vice Chair)

Cllr. Linda Barnes Cllr. Rob Howard Cllr. Harold Steves

Paul Dylla 6526 Gibbons Drive Richmond, BC, V7C 2E1

March 5, 2005

Councillor Kiichi Kumagai City of Richmond 6911 No. 3 Road Richmond, BC V6Y 2C1

Dear Councillor Kumagai.

Re: Review of the Lane Establishment and Arterial Road Redevelopment Policies

"Our Vision is for the City of Richmond to be the most appealing, livable, and well-managed community in Canada."

Holden Has wall of the state of When I read the vision statement of the City of Richmond, it gives me hope that I am living in a city intent on being progressive and on being a showcase for the rest of Canada.

When I look at the wonderful work done by your traffic department in establishing a comprehensive cycling network, or look at the work in progress by your parks department in designing the Terra Nova Park, I get the sense that there are visionary people working for our city's best interest.

I definitely do not get the same sense of purpose and vision when I look at what is coming out of your zoning department.

This department seems to be totally focused on maximizing the profits of developers and real estate agents at the expense of the long-term residents and taxpayers.

The clearest example of this is the recent submission of the Review of the Lane Establishment and Arterial Road Redevelopment Policies. This set of recommendations was compiled with no input from the public, TransLink, urban developers, or other City Hall departments. The only input was from a Technical Committee comprised solely of developers and realtors.

Is your zoning department not in a conflict of interest? Should they not be watching out for the interests of the resident taxpayers?

The consequences will be irreversible as the Official Community Plans, Zoning & Development Bylaws and Single-Lot Size Policies are all amended.

Is your zoning department totally incapable of living up to your vision? They have already created a land rush comparable to the one experienced by the City of Vancouver post-Expo86. The legacy of that time was monster homes, leaky condos and ghetto-like complexes. After much public outcry, the City of Vancouver finally put a hard stop to the developer/realtor frenzy before it ruined the city.

Now the City of Vancouver is being recognized over and over again for being one of the most liveable cities in the world. Numerous articles in the Vancouver Sun this year alone support this fact. This didn't happen overnight, but they had a vision and didn't back down when the developers started whining.

I request that you to put a stop to the zoning department's shenanigans, that you impose a moratorium on the rezoning permits along arterial roads until a set of redevelopment policies can be established that live up to our City's vision, and to create these policies through a process that is open, transparent, involves all the stakeholders, and aligns with the goals and aspirations of the Official Community Plans.

Don't let the zoning department's 1970's thinking make us the laughing stock of planning departments all over Canada.

As our elected representative you are accountable for driving the vision forward. What will be your legacy? Will the residents remember you as the one who courageously upheld the vision to make Richmond the most appealing, liveable and well-managed community in Canada, or the one who let developers run the City Hall and create the most unappealing, unliveable and poorly-managed community in Canada?

Permitting ad-hoc development generated by those whose financial interest is paramount will never be an effective substitute for thoughtful cohesive planning.

To help you stretch you imagination, I have attached a very readable paper that was presented by Ian Lockwood during a recent public lecture (Making Places: Connecting where we Live, Work, and Play), part of the City of Surrey's planning for the Urban Transportation Showcase.

The article can be downloaded from the web ( $\underline{\text{http://policy.rutgers.edu/vtc/documents/Events.ComGrnd-Lockwood trans perscript.pdf}$ ).

Also attached are my specific concerns about the recommendations put forward by Mr. Raul Allueva at your January 18<sup>th</sup> Planning Committee meeting. Please consider my input as I, and others in our community, consider who will be in leadership positions this fall.

Sincerely,

Defle

Paul Dylla 6526 Gibbons Drive Richmond, BC, V7C 2E1 March 5, 2005

Councillor Kiichi Kumagai City of Richmond 6911 No. 3 Road Richmond, BC V6Y 2C1

Dear Councillor Kumagai,

# Re: Review of the Lane Establishment and Arterial Road Redevelopment Policies

I was extremely disappointed to read the "Review of the Lane Establishment and Arterial Road Redevelopment Policies" report submitted by Mr. Raul Allueva, Director of Development, to the Planning Committee on January 5, 2005.

I request that your Planning Committee reject ALL the recommendations in the report for the following reasons:

- The report was compiled without input from all the stakeholders affected. Acceptance of the reports recommendations will have sweeping consequences on all the residents of Richmond as the Official Community Plans, Zoning & Development Bylaws and Single-Lot Size Policies are amended.
- 2. The only representation, and it seems key driving force for the recommendations, was from a Technical Committee comprised solely of developers and realtors. These are the very people who will directly profit from the recommendations. This constitutes a real conflict of interest.
- 3. The focus of every one of the recommendations is maximizing the financial profit for developers and realtors. There is not one recommendation in the report that protects the investment and quality of life of the residents. Considering that we are here for the long-term, unlike the developers and realtors, we deserve a greater voice in the future of our city.
- 4. Official Community Plans, according to your website, balance urban and rural use, development and the natural environment, jobs and housing. Considering that these goals and strategies were confirmed through a scientifically conducted OCP survey, what right does the zoning department have to unilaterally change the balance to be benefit developers only.
- It was my understanding that the mandate of your planning departments is create "the most appealing, livable, and well-managed community in Canada". The recommendations do not seem to support this vision.
- 6. Although densification is crucial in the development of a city, I have not been able to find one city that has taken such an immature approach to city planning. Our neighbouring cities of Vancouver, Burnaby, New Westminster, Delta and Surrey are all planning their densification to take advantage of existing and planned mass transit points and city cores.
- 7. Opening up all the land along arterial roads for redevelopment has already created a land rush similar to what Vancouver experience following Expo 86. The impact to Vancouver was a significant loss of affordable housing, poorly constructed buildings and a legacy of innumerable leaky condos.

- 8. Densification needs to occur where there is readily accessible mass transit, such as the city core in the vicinity of the new RAV line, and not on the outskirts where it will only result in an increase of automotive traffic.
- 9. Recommendation 1 proposes that it will "increase the amount of 'affordable' housing in Richmond". The fact that the word 'affordable' is in quotes clearly indicates that this word is being used loosely. The developer planning multi-family condominium units on No. One Road told me that the smallest unit would likely start at \$313,000. Maybe this small change to multi-millionaire developers, but what part of \$313,000 is 'affordable' to the general public?
- 10. The criteria for classifying roads should not be based on the development potential. I find it disconcerting to discover that none of the roads in Terra Nova are classified as arterial. My conclusion is that it is because there are no available lots to be redeveloped.
- 11. The portion of No. One Road north of Westminster Hwy seems to have been reclassified as a non-arterial road. No explanation is given for this change. OCP Bylaw 7100 Schedule 2.2B clearly designates this roadway as a local arterial road. On the other hand, Granville Avenue between Railway and No. One Road seems to have morphed from a Local Arterial Road to a Major Arterial Road. Is this because there are a few large lots that developer can make a fortune on?
- 12. Granville Avenue between Railway Avenue and No. One Road should be reclassified as a collector road. It is a designated commuter cycling route, is only one lane each direction, and has limited traffic. This street is not being considered by TransLinks for any transit services and consequently should not be develop as an arterial road.
- 13. Richmond's first residential cycling path is being planned for Gibbons Drive between Granville Avenue and the dyke. Changing the zoning in this area would have a significant impact to your planning department objective of building a link between the planned Terra Nova Park and the commuter cycling network.
- 14. The proposed recommendations do not align with our city vision statement, does not promote community and is environmentally unsustainable. As a result, developer are already designing condominium where:
  - a. The design is not family friendly. There is insufficient green space for children to safely play outdoors. A minimum 10 metre clearance between the building and the back property line would provide this green space.
  - b. The proposed design calls for two-car garages for each unit. Considering that our auto-centric society has caused our current greenhouse effect crisis, designing a community that encourages the addition of up to 56 cars (700% increase) is environmentally irresponsible. Single car garages large enough for two Smart Cars would make a stronger statement of the City's commitment to environmental responsibility.
  - c. The proposed design has an internal roadway that is based on a curb and gutter design, rather than the exiting country lane style of the rest of our neighbourhood. The City of Vancouver is introducing environmentally sustainable roads and lanes, and our city needs to consider similar roadway policies.

The city's Vision will not be achieved by pushing through this block-breaking rezoning application and implementing 1970's design features. Permitting ad-hoc development generated by those whose financial interest is paramount will never be an effective substitute for thoughtful cohesive planning.

Sincerely,

Phylle

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by lan M. Lockwood, P.E.

Transportation Diesen Design Studie Glatting Jackson . 13 East Pine Street, Orlandio, PL 32801 407-843-6552

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Edward J. Bloustein School In New Brunswick

February 6, 2004

# TRANSPORTATION PRESCRIPTION FOR HEALTHY CITIES

### TABLE OF CONTENTS

1.	INTRODUCTION	1
2.	PATTERN RECOGNITION	1
	<ul><li>2.1 Simple to Complex Patterns</li><li>2.2 The Transect (a helpful tool to see patterns in the built environment)</li><li>2.3 Troubling Patterns in Cities</li></ul>	1 2 3
3.	THE CONVENTIONAL TRANSPORTATION CULTURE AND LANGUAGE	6
	<ul><li>3.1 Motor Vehicle Bias and Culture</li><li>3.2 Transportation Language</li></ul>	6 7
	3.2.1 Improvement 3.2.2 Upgrade 3.2.3 Level of Service 3.2.4 Accident 3.2.5 Efficient	7 8 8 9
	3.3 Time to Update the Transportation Language and Culture	11
4.	TRANSPORTATION AND CITIES	12
	<ul> <li>4.1 The Purpose of Cities</li> <li>4.2 Freedom and Choice</li> <li>4.3 Transportation Technology and Shaping Cities</li> <li>4.4 Grasshopper Planning and Modeling</li> <li>4.5 High Levels of Service for Motor Vehicles and Successful Cities</li> <li>4.6 The Street Network</li> <li>4.7 Motor Vehicle Speed</li> <li>4.8 Network and Block Structure Shape Land Uses</li> <li>4.9 Network and Block Structure Affect Trip Lengths and Trip Quality</li> <li>4.10 Road Rage</li> <li>4.11 Transit</li> <li>4.12 Learning from Failure</li> <li>4.13 Context Should Lead, not Follow</li> </ul>	12 13 14 16 17 20 21 21 21 22 23 24
5.	THE PREREQUISITS FOR HEALTHY CITIES	24
	<ul><li>5.1 Vision</li><li>5.2 Get the Bones Right</li></ul>	24 26
	<ul><li>5.2.1 Adding Bones in Suburbia</li><li>5.2.2 Suburban Mall Break Up</li><li>5.2.3 Breaking Up the Super Block</li></ul>	26 28 29

6. STREET DESIGN	30
6.1 Framework Streets and Non-Framework Streets	30
6.1.1 Framework Streets	30
6.1.2 Non-Framework Streets	30
<ul><li>6.2 Route Modification and One-Way Streets</li><li>6.3 Underutilized Cross-Section Elements</li></ul>	31 32
6.3.1 Street Trees	33
6.3.2 On-Street Parking	33
6.3.3 Angled On-Street Parking	33
6.3.4 Valley Gutter	34
6.3.5 Flush Median or Textured Left (or Duel Left) Turn Lar	
6.3.6 Roundabouts	36
6.3.7 Rosemary Street, West Palm Beach	36
6.3.8 Get the Buildings up to the Street (a key component of street design)	38
(a key component of street design)	
7. ROAD DIETS (ARTERIAL ROAD CALMING)	39
7.1 Orlando Avenue, Winter Park	40
7.2 Fair Oaks Avenue, South Pasadena	40
7.3 North Flagler Drive, West Palm Beach	40 41
7.4 Riverside Drive, Los Angeles	42
7.5 Olive Avenue, West Palm Beach	42
8. HIGHWAY REPLACEMENT AND CALMING	44
8.1 Space and Territory	44
8.2 Rural Highways	46
8.3 Highways in Larger Cities	49
8.3.1 Mercer-Valley Pair, Seattle	49
8.3.2 Riverside Parkway, Chattanooga	50
9. THE PLACE DISPOSITION GRADIENT	51
9.1 Lambertville, New Jersey	51
9.2 Other Cities	53
9.3 The Gradient and Determining What is Important	54
10. CONCLUSION	55

# TRANSPORTATION PRESCRIPTION FOR HEALTHY CITIES

by Ian M. Lockwood, P.E.

#### 1. INTRODUCTION

There is an old joke, "Battling congestion by widening roads is like solving obesity by buying bigger clothes." Who would have thought that these subjects were so related? Plenty of people are recognizing that America's increasing obesity rates and associated diseases are partially related to urban design and transportation. The awareness of these patterns is growing and the problems are becoming increasingly difficult to ignore. Hopefully, our society will reach its tipping point soon so that we will have a broad mandate for transportation reform and for building healthier cities.

In the meantime, organizations, that are ahead of the curve, like the Center for Disease Control, the Robert Wood Johnson Foundation, and the New Jersey Department of Transportation, need to continue their leadership roles in affecting positive change.

The purpose of this paper is to shed light on healthy and unhealthy patterns from a transportation perspective. It will outline the fundamentals of healthy cities, describe some case studies and design ideas, and suggest ways of approaching policy decisions and setting design direction for projects.

The Robert Wood Johnson Foundation, the City of Lambertville, and the New Jersey Department of Transportation are involved with the author on health-related transportation projects in the City of Lambertville. The first completed part of

this effort was the traffic calming plan. It is discussed in Section 9.1. The other parts, which are in progress, will be incorporated in the next version of this paper. So, examples from other cities will be used to demonstrate the salient points.

#### 2. PATTERN RECOGNITION

#### 2.1 Simple to Complex Patterns

Most of us have some ability to recognize good proportions, good line, and good design as soon as we see it. For example, when we look at the images in *Figure 2.1*, we can agree that there is a beautiful flower, that the dam is monumental and invokes a sense of strength and permanence, that the proportions of the human body that Leonardo De Vinci drew make sense to us, that the courtyard feels warm and welcoming, that the shell is the right shape, and that the dancer has the right line.

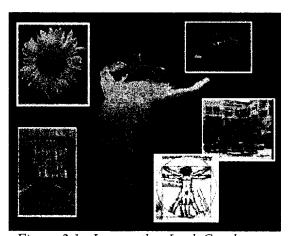


Figure 2.1: Images that Look Good

It is through a combination of natural ability, experience, and training that we can appreciate these subjects even though we may not be an expert in any of their fields. Let's call this ability, "pattern recognition." The idea is that we have experienced enough flowers, dams, structures, people,

courtyards, shells, and dancers that, when we are confronted with a new subject, we can determine if it is pleasing, correct, or not.



Figure 2.2: Anything wrong?

In Figure 2.2, we can discern the problem, namely the slope of the drive way. Obviously, it would be very difficult to drive a car in or out of the garage or even park on the driveway.



Figure 2.3: Anything wrong?

Similarly, in *Figure 2.3*, we can see an inconsistency in the architecture. The newer brown house detracts from the street due to the lack of windows, front door, and porch We recognized these patterns in seconds.

Figure 2.4 shows an entire city. The issues, concerns, and problems facing cities are often the result of long histories, evolving values, and layers of factors varying from block structure to social issues, to funding

issues, to political issues, to topography, to climate, to you name it.



Figure 2.4: Anything wrong?

Cities are complicated places. What looks like a simple problem on the surface may be a symptom of a much larger problem.

Problems can also be related to a number of contributing factors that may not be readily apparent. However, through our ability of pattern recognition and with a bit of training, the patterns become clearer and the solutions become more apparent.

# 2.2. The Transect (a helpful tool to see patterns in the built environment)

From a design perspective, a tool that is growing in popularity for helping to discern what is right and wrong for cities is called the "transect." The transect is simply a cross-section of the built environment ranging on a scale from urban to rural. For example, referring to the bottom of *Figure 2.5*, in urban areas we would expect the heights of buildings to be taller in urban areas and then become lower as we move to rural areas.

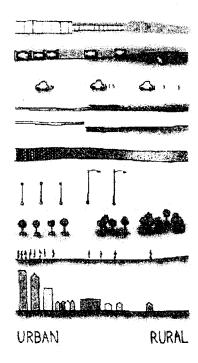


Figure 2.5: The Transect

Moving up *Figure 2.5*, the density of people in urban areas would be higher than those in rural areas. The transect for trees would involve regularly spaced trees in grates in urban areas, to less formal spacings and no grates, to natural forest in rural areas. Streetlights range from pedestrian scale lights that are evenly spaced, to high mast street lights, to no lights, as one goes from urban to rural.

Paving materials would range from bricks, to asphalt, to gravel, moving from urban to rural. Edge treatments would range from vertical curbs, to paved shoulders, to gravel shoulders, to grass shoulders, to natural edges. The speeds of motor vehicles, in urban areas, would be slow and then become faster in rural areas. On-street parking would be formal and marked in urban areas, less formal and unmarked, and then offstreet in rural areas. Sidewalk widths would

be wide in urban areas, narrow, then become nonexistent as we head into rural areas.

Consequently, if we were designing a street in an urban area, it would involve taller buildings up to the street, more people, trees in grates, pedestrian scale lighting, higher valued paving materials, curbs, slow moving motor vehicles, on street parking, and wide sidewalks.

So we can use the transect to help determine if one aspect or another of the built environment suits the place or context. For example, streets without lights would not suit an urban street though it would be perfectly suitable to not have lights in a rural area. Gravel roads would not be suitable in an urban environment, while brick streets would be out of context in rural areas.

Though these examples may seem simple, the transect starts to show its power when there are more complex problems in cities or when there are conflicting values. This will become evident later when we get into some transportation issues more deeply. The bottom line is that the transect helps train us to recognize patterns and helps us to determine how well design elements suit their contexts, urban or otherwise.

### 2.3 Troubling Patterns in Cities

Troubling patterns are becoming increasingly evident in cities these days. For example, there are plenty of schools in cities across the United States where, forty years ago, most of the children would walk or cycle to school Today, they are chauffeured by their parents. Typically, these schools were not designed with pick up and drop off facilities. This results in queuing problems and other motor vehicle traffic problems being normal, daily,

occurrences around schools, exacerbating the perceptions of there being too much traffic.

> THERE IS TOO MUCH TRAFFIC FOR BILLY TO WALK TO SCHOOL; SO WE DRIVE HIM



Figure 2.6: Problem Solved?

Other related patterns are becoming evident too. Obesity rates of adults and children are increasing and so are related diseases such as diabetes and heart disease. Meanwhile, new residential subdivisions do not connect to other subdivisions or other land uses due to their dead end street networks. Is there a cause and effect here? Is there more to it?

As we know, cities have complex interrelationships involving various design aspects, social aspects, financial aspects, and so forth. To prove an indisputable, scientific, correlation between every cause and effect is infeasible due to the variety of cities, the huge number of variables, and the sheer volume of data and analysis that would have to happen.

There are some correlations that have been proven, which can be very helpful, but they do not answer all the questions and they are often the subject of debate. Consequently, in the real world of mayors, governors, other civic leaders, and policy makers, they have to make decisions and set direction on a myriad of issues without all the data. Furthermore, they cannot work on everything at once and have to pick their battles. Combined with conflicting advice and limited time, how can they possibly

make good decisions? The following analogy suggests that they may actually be better off without the detailed information. They can make better decisions through their pattern recognition abilities.

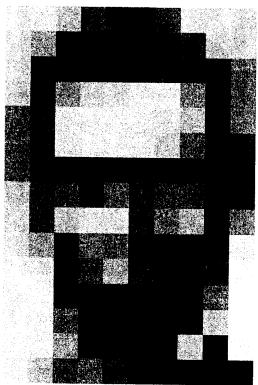


Figure 2.7: A Mosaic of Tiles

Figure 2.7 shows a mosaic of white, grey, and black tiles. Detailed, scientific, analysis of the molecular composition of the tiles, calculating the probability of two white tiles being side by side, measuring the light emitted from each tile, and other detailed information does not help understand what is going on. In fact, the detail can be distracting. It is better to step back from the mosaic, and even blur our vision to get rid of the detail. Figure 2.8, which is the same set of tiles, but just blurred, actually shows a clearer picture. The specialized analyses do not contribute to the understanding of how the tiles relate to one another (i.e., the big picture).

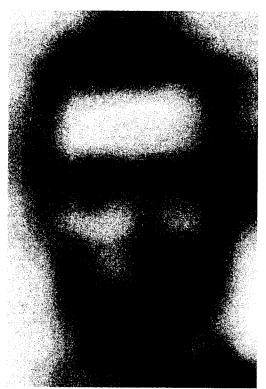


Figure 2.8: Mosaic of Tiles Blurred

A city is somewhat like a mosaic of tiles. Each tile can be analyzed forever but to no avail. It is much better for decision makers to first understand the city's big picture and then focus on a particular project, a series of initiatives, or their top three priorities, and then do the right thing.

The level of service model for motor vehicle users is like a tile in the mosaic.
Unfortunately, many cities focused on that tile for decades while making decisions, damaging the cities' big pictures.

In Figure 2.9, there are a number of images. The pattern is fairly clear. At the top left, the blocks are too big, which contributes to circuitous routing, motor vehicle dependence, and unwalkable environments. At the top right, the car is too big, leading to air quality problems, excessive energy consumption, and safety problems. In the middle right, the street is too big, fast, and

ugly; leading to a hostile pedestrian environment, excessive speeds, divided communities, automobile-oriented land uses. and large impervious surfaces. The bottom right fire apparatus is too big, leading to lobbying by fire chiefs for excessively large corner radii, alley widths, and street widths, which lead to less safe and less pleasant streets. The bottom left truck is too big, leading to overly large driveway widths and dangerous conditions for other street users. The center portions of food are too big. leading to over eating. The middle left people are too big leading to health problems. Clearly, other pictures could be added such as big box retailers, highway interchanges, large surface parking lots in front of buildings, etc.

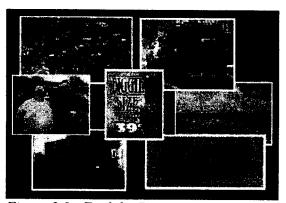


Figure 2.9: Find the Pattern

Though the pursuits of big trucks, fire fighting equipment, stores, motor vehicles, etc. can be supported from the limited perspectives of special interest groups, the public interest involves pursuing healthy cities. The pictures are all related and the patterns are clear. Motor vehicle-oriented cities are less healthy than walkable cities.

In the February, 2004, issue of the health magazine, *Men's Fitness*, there was a study about cities and obesity. It listed America's fattest cities and America's leanest cities. The fattest city was Detroit, bouncing out the long time fattest city, Houston

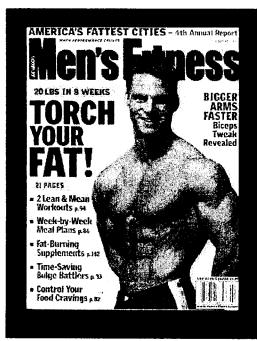


Figure 2.10: Fattest City Survey

The Mayor of Detroit, Mayor Kilpatrick, responded to the article by saying, "It is probably something to do with culture...we are not a walking city..." because Detroit is "the automobile capital of the world." The Mayor obviously had the ability to recognize this pattern. He recognized that the root of obesity in Detroit had something to do with three things; culture, the lack of walking, and automobile dependence.

These are the sorts of patterns that mayors can easily recognize and do something about. However, they need the related professional communities to stop focusing on their specialties (i.e., their own tiles), change their ways, work with each other and other groups, and improve the big picture. The motor vehicle dependency and walkability issues fall mainly on the shoulders of the planning and the engineering communities. However, developers, lobby groups, and others are involved too.

# 3. THE CONVENTIONAL TRANSPORTATION CULTURE AND LANGUAGE

#### 3.1 Motor Vehicle Bias and Culture

To be fair, Detroit's automobile dependency happened over several decades and was greatly influenced by the "conventional transportation culture." A lot of that culture was developed in the early days of motor vehicle-oriented transportation planning, particularly following World War II. It directly affected government policies, funding, organizational structures, markets, and the built environment; which all directly affects most aspects of daily life.

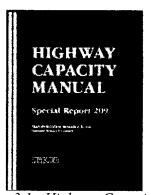


Figure 3.1: Highway Capacity Manual

Let's explore the cultural side further. Probably the most influential document for promoting and perpetuating the conventional transportation culture was the *Highway* Capacity Manual. The Highway Capacity Manual was first published in 1965. The research, the language, and the values that went into it were honed during the 1940s, 50s and early 60s. Though, it was sold as a technical document, it contained value sets, language choices, and policy directions; reflecting the time period when it was developed. These cultural biases remained intact through subsequent editions.

# 3.2 <u>Transportation Language</u>

Language is important because it is related to thought. For example, the native languages from arctic regions contain many different words for snow, meaning everything from its ability to build shelter to its ability to slide a sleigh across. Clearly, snow plays a huge role in people's lives in the arctic and, consequently, they developed ways of thinking and communicating about snow that simply do not apply to people from warmer climates.

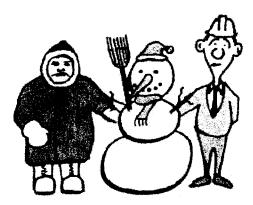


Figure 3.2: Language and Thought

Languages from warmer climates do not have equivalent words for snow. Similarly, English has many words for money, which is culturally important. Words such as cash, credit, debit, mortgage, equity, etc. mean something to us but have no translation in arctic languages because money was historically not important to people of arctic regions.

Language can show a bias, create a bias, and perpetuate a bias. Recall the gender wars of the 1970s, during which women were excluded from various fields. The gender bias was reflected in our language (e.g., policeman, fireman, man-hours, man power, chairman, etc.)



Figure 3.3: Perpetuating Biases

Today, we all know, accept, and use objective language (e.g., police officer, fire fighter, human resources, chair, etc.) During the transition, there were great arguments about being politically correct. Yet, it was not about being politically correct; it was about being inclusive and objective. Today, women chair meetings, become police officers, and so forth because there is no longer a gender-biased culture perpetuated by language. Language, policies, attitudes, and practices were changed.

#### 3.2.1 Improvement

Similarly, the transportation engineering profession inherited a language from an era that was very pro-motor vehicle. For example, in *Figure3.4*, the engineer said, "Once your street is improved, the curb will be right here." By definition, an improvement is a good thing. However, the lady clearly does not share the engineer's perspective nor would someone who valued the tree.

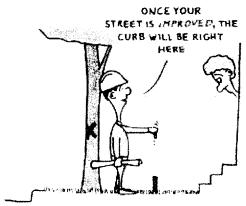


Figure 3.4: Improved or Widened?

The engineer, by using the word, "improved," showed his bias toward the benefactors of the widening, motor vehicle users, and showed his bias against the urban forest and the homeowner. Had the engineer said, "Once your street is widened, the curb will be right here," he would not have shown a bias. Unfortunately, once he said, "improved," he had lost his credibility.

# 3.2.2 Upgrade

Transportation engineers use "upgrade" when they propose, for example, to change a collector street into an arterial street. Who can argue with an upgrade? By definition, it is better. Clearly, there is a bias toward streets that are further along on the conventional "hierarchy" of streets, from local to collector, to arterial, to highway.

UPGRADES? SURE IT'S GOT PLENTY, EVEN THE STREET GOT UPGRADED TO AN ARTERIAL JUST THE OTHER DAY.



Figure 3.5: Upgraded or Changed?

"Upgrade" means arterials are better than collectors. Yet, there are many perspectives that would disagree with that assertion (e.g., homeowners and pedestrians) and using "upgrade" shows a bias against them. Again, there are objective substitutes such as "changed to" or "redesignated as."

#### 3.2.3 Level of Service

Another example would be the typical use of "level of service." Level of service for whom?

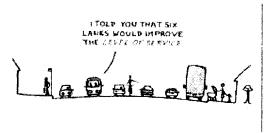


Figure 3.6: L.O.S. for Whom?

There is a habit in the engineering profession to assume that everybody knows and accepts that "for motor vehicles users," is understood. Yet, there are cyclists,

pedestrians, homeowners, business owners and so forth, whose interests are being ignored. Furthermore, when transportation professionals use "level of service" as the sole measure of effectiveness for a street, there is a further bias.

#### 3.2.4 Accident

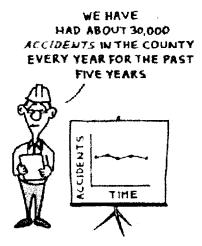


Figure 3.7: Accident or Collision?

"Accident," implies something unlucky that happens by chance. "Accident," downplays the severity of motor vehicle collisions. People are responsible for the tens of thousands of people that die in North American every year due to collisions and for the many times that who are injured. There are huge sums of money lost in property damage each year to collisions.

If we began calling collisions, "collisions," perhaps we would take this huge health and safety issue more seriously. To place this situation into perspective, on September 11, 2001, hijackers killed about 3,000 people in the United States. The government juggled government programs and organizations, changed security procedures, altered personal freedoms, and went to war, ostensibly, to make people safer from repeat incidents. Yet, during every month of every

year, about 3,000 people are killed in collisions and many more are injured in America. Yet, because the carnage happens incrementally and at the hands of motor vehicle drivers, it is culturally acceptable.

#### 3.2.5 Efficient

The word, "efficient," is likely the most misused word in the conventional transportation vocabulary. In most comprehensive plans, there is a statement to the effect that the city, county, or state wants to make their streets "more efficient and safer."



Figure 3.8: Efficient or Fast?

We all agree on "safer," but the "more efficient" is typically a euphemism for "faster." This has to do with the conventional "efficiency myth" that supports the wider road strategy to battle congestion and pollution. The myth begins with the assumption that a single car, motoring along, free of congestion, burns less fuel and pollutes less than a single car in a congested environment. So far, this part seems

reasonable. The next assertion is that a stream of cars moving along free of congestion burns less fuel and causes less pollution than a stream of cars in a congested environment. Again, this is plausible.

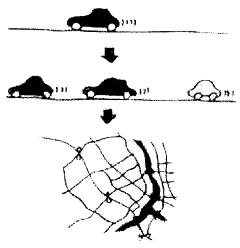


Figure 3.9: The Efficiency Myth

Then, it claims that a whole city street network of cars, moving along, free of congestion, burns less fuel and pollutes less than a congested network. This part is wishful thinking because it is too simplistic for the real world. The second and third order of consequences of a road widening strategy (i.e., changes in behavior, increases in trip lengths, land uses changes, etc.) more than undoes any reductions in fuel consumption and pollution. *Figures 3.10* and *3.11* show the first, second, and third order consequences of widening streets and accepting congestion.

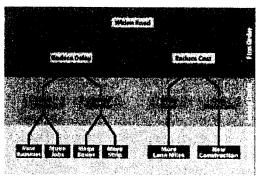


Figure 3.10: Widen Road

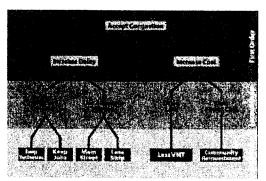


Figure 3.11: Accept Congestion

It takes pattern recognition abilities to expose the efficiency myth. Anybody can do this by looking at the energy consumption and land consumption per capita of various cities. Cities that pursue motor vehicle mobility (i.e., high motor vehicle speeds and high levels of service for motor vehicle users) tend to be the most inefficient. Houston, Detroit, and Los Angeles are good examples of highly inefficient cities (and fat cities too).

Cities that pursue other things use less energy and land per capita; cities like Chicago and New York. Cities like Toronto, Sydney, and Brisbane are even more efficient. Many European cities like Amsterdam, London, Berlin, Frankfort and Copenhagen are still more efficient. The most efficient cities in terms of land and energy consumption are Asian cities such as Tokyo, Singapore, Hong Kong.

Consequently, the popular myth that

pursuing high levels of service for motor vehicle users reduces energy consumption and land consumption is just that, a myth. Those pursuits actually have resulted in the most inefficient places in the world. Again, what seemed helpful, at the level of an individual tile (e.g., cars using a congested street), was damaging at the level of the big picture.

It is interesting that American cities weren't inherently inefficient. They became inefficient over a 60-year period through public policy, public projects, and public subsidies geared toward the construction of highways and the pursuit of motor vehicle mobility. The conventional transportation model began in earnest as a result of the 1939 World's Fair. The General Motor's exhibit, Futurama, touted a vision of driving anywhere, any time, in your own personal automobile. Cities had no idea that they would end up with high costs, automobile dependence, barriers to pedestrians, barriers to social activity, safety problems, large energy needs, respiratory problems, obesity, and related diseases.

Perhaps one of the key problems with the conventional transportation model is its financial cost. Inefficient cities find that they never have enough money to widen their way out of congestion. States that help cities fund the conventional model are finding that they are financially short. Virginia, Pennsylvania, California, and New Jersey, for example, are feeling the financial squeeze. The cities that invest in projects other than roads and are still more efficient will be financially more competitive than the cities that pursued high levels of service and mobility for motor vehicles. More efficient cities will be able to foster healthy exchange and will have a higher quality of life. Consequently, people, with choice, will

gravitate to cities with higher qualities of life.

So, in some ways, the long-term prosperity of cities is tied to efficient approaches to transportation planning, which involves a multitude of modes. Efficiency involves congestion; the most efficient cities have congestion. It involves land use and land use mix. It involves density and it involves investing in things that make cities great. It does not involve the narrow pursuit of high levels of service for motor vehicle users, couched in biased language.

# 3.3 <u>Time to Update the Transportation</u> Language and Culture

On one hand, we have biased language and, the other hand, we have objective substitutes. If objective language were always used, biases would be more apparent and easier to correct.

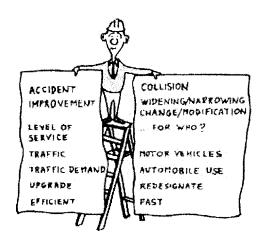


Figure 3.12: Objective Substitutes

Biased language affects the way we think. It erodes the credibility of the transportation profession. The profession needs to update its language so that it is, and appears to be, objective. It has already begun with some cities adopting transportation language

policies, requiring their employees to use objective language.

Over time, the culture will change and we will be better positioned to objectively deal with motor vehicle-dependence and the related problems.

# 4. TRANSPORTATION AND CITIES

Though "cities" are discussed herein, the discussion also applies to villages, towns, and other urban places. Not listing them every time "city" is mentioned was not to exclude them, but to reduce the number of lengthy sentences.

# 4.1 The Purpose of Cities

Fundamentally, we need to ask ourselves, "Why do cities exist?" From a transportation perspective, one could argue that cities exist to minimize travel, to bring people together for purposes of exchange: the exchange of goods and services, social contact, justice, entertainment, and so on. Exchange is very related to access. People need to be able to access each other in order for exchange to occur. The pursuit of mobility is typically anti-access. The pursuit of mobility attempts to speed up motor vehicles. It cocoons people in their motor vehicles, spreads cities out, reduces density, increases land consumption and reduces exchange. Consequently, the pursuit of mobility is anti-city. The pursuit of access and exchange is pro-city.

Assume for this discussion, that there are two types of physical exchange between people; planned exchanges and unplanned exchanges. An example of a planned exchange would be purchasing a bottle of sunscreen at the drug store. We would drive

to the drug store, pick up the sunscreen, and drive home. A single planned exchange would be accomplished.

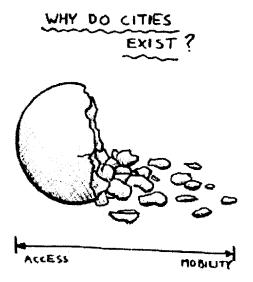


Figure 4.1: Cities Minimize Travel

Assume now that we lived in a walkable city. On the walk to and from the drug store, one might chat with a neighbor, wave to the butcher across the street, watch some kids play ball on the green, say "hello" to another pedestrian, pop into a gift shop to buy a gift for a friend, ponder a piece of public art, watch the brick layer deftly repair a wall. We have accomplished one planned exchange and seven unplanned exchanges. An argument could be made that the quality of the city is related to the sum of its unplanned exchanges.

It is interesting that motor vehicle-oriented places discourage unplanned exchanges through their design (e.g., homogeneous land uses, long trip lengths, few routing choices, low densities, garages at the fronts of houses, dead end streets, gated entrances, etc.) Consequently, people try to compensate through play-dates for the kids, arranged meetings, home entertainment systems, and plenty of driving.

### 4.2 Freedom and Choice

Some conventional thinkers equate motor vehicle use with freedom and choice. Their idea is that motor vehicles provide choices as to where to reside, what to do, and when to do it. Clearly, motor vehicles can be very handy, but when the urban design changes to such an extreme that motor vehicles become prosthetics, the notion of freedom and choice vanishes. People have no choice; they could not function effectively without motor vehicles. Furthermore, in these environments, people, who do not drive or who cannot drive motor vehicles, cannot function effectively (e.g., the young, some physically disabled, and the economically challenged) and, thus, their choices are diminished on several fronts (e.g., employment, recreation, social contact, etc.)

Consider, for a moment, the time in people's lives when they have the most freedom: when they have the most choice regarding what to do. It is likely during their vacation time. Many Americans seek rural and natural experiences while on vacation. Many also seek urban places where they can experience unplanned exchanges. It is during their precious vacation time, with increased freedom to choose, when people willingly walk, ride bicycles, and ride public transit. We seek urbanism in quaint villages, towns, cities, theme parks (which mimic urbanism on the inside), and aboard cruise ships (floating cities). But very few people choose to travel to motor vehicleoriented, suburban, environments for their vacation.

When Americans visit Paris, for example, we immediately take to all forms of public transit, cabs, and walking. It does not take a generation to adapt our behavior; we adjust immediately to suit the place. So as

individuals and small groups, we seek urbanism and adapt immediately to it.



Figure 4.2: Boulevard des Capueines

The obvious question then becomes, "Why are we not building more urban places for ourselves?" There are multiple answers. many of which are touched on in this paper. Additional answers include: i) motor vehicle-oriented places provide large, onetime, profits to tract-home developers and road builders and ongoing profits for energy companies, rubber companies, big box retailers, and motor vehicle companies; ii) resilient and favorable public policy structures were established to support motor vehicle interests and suburban development interests; iii) huge public subsidies are available for motor vehicle infrastructure and related health care; iv) appreciation of urban design is low and policy makers do not know what is possible; v) millions of people over a few generations have grown up in motor vehicle-dominated cities and do not know any other way; and vi) the responsibility for cities has been divided into a multitude of specialties and levels of jurisdictions, each being incapable of changing the big picture alone.

# 4.3 <u>Transportation Technology and Shaping Cities</u>

Recognizing patterns in cities can be helped by understanding how transportation technology has shaped cities in the past. Hundreds of years ago, cities developed on the shores of rivers, typically at the intersections of other rivers or oceans. The development did not go far inland because the main mode of transportation was the boat (*Figure 4.3a*). Elevator technology allowed cities to rise above three to five stories, which was how high people were willing to climb stairs (*Figure 4.3b*).





Figure 4.3a

Figure 4.3b





Figure 4.3c

Figure 4.3d

When trolleys came along, cities could develop along trolley lines. As a result, trolley-based neighborhoods developed around many cities (*Figure 4.3c*). Then, when the private motor vehicle came along, cities could expand to wherever a road could be built (*Figure 4.4d*).

The discipline of transportation and land use planning changed with the private motor vehicle. With all other transportation technologies (i.e., boats, elevators, trolleys, etc.), the transportation planner had to respect that the pedestrian was the common denominator. People walked to the trolley lines, elevators, and boats. Only with the motor vehicle could the pedestrian mode be

ignored. The motor vehicle became the common denominator for newer developments and retrofitting existing built areas.

Considering the numerous cities around the world, extremes for accommodating the motor vehicle can be found. At one end, Houston and Detroit became highly motor vehicle-oriented. Yet, many other places with motor vehicles did not; they remained relatively pedestrian oriented and efficient. So, it is not correct to blame the motor vehicle for incredibly inefficient cities with their related diseases and so forth. The fault lies with a few generations of planners, engineers, special interest groups, policy makers, and civic leaders who pursued and allowed the motor vehicle-orientation to prevail.

### 4.4 Grasshopper Planning and Modeling

"Grasshopper planning" begins with the birth of a grasshopper in the spring. The grass is low. By summer, the grass is higher and the grasshopper is bigger. By autumn, the grasshopper is an adult and the grass is high and the grasshopper decides to do some planning.

The grasshopper plots his food supply over time on a graph and approximates a trajectory into the future. He estimates that he will have even more grass in the winter and he will be even bigger. Yet, what really happens is that winter comes along, the food supply is diminished, and the grasshopper is killed. The moral of the story is that the grasshopper did not take into account a "limiting factor," which, in his case, was the changing weather.

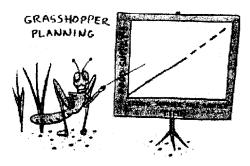


Figure 4.4: Grasshopper Planning

Conventional transportation engineers do the same thing. They plot motor vehicle use over time and input various assumptions and approximate the trajectory into the future.

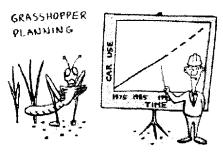


Figure 4.5 Grasshopper Planning

They misinterpret the upward trajectory as a mandate to widen roads, when it should be interpreted as a mandate to change enough factors in order for the trajectory to flatten or decline. Limiting factors regarding the public welfare (e.g., deaths and injuries from collisions, pollution, land consumption, energy use, disease, etc.) should have prevailed earlier in many cities, but they missed the big picture. Sadly, the limiting factor that shows the most promise to stop grasshopper planning is the lack of enough money to continue it.

The habit of grasshopper planning is hard to break because the profession has become really good at it. It is now computerized using mathematical models with specialized assumptions and inputs.

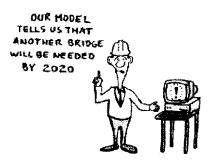


Figure 4.6: Black Box Modeling

The models are practically unintelligible to policy makers and the public, resulting in the black box syndrome. It is now the model that tells policy makers to widen roads or there will be terrible congestion twenty to twenty-five years from now.

The fact is cities are very complex places and the models are relatively simplistic. It is analogous to wetlands, which are also complex places. Biologists try to model wetlands, but they are too complicated. So, the biologist picks an indicator species to model, typically a frog. The idea is that, if the frog is doing well, then the wetland is doing well. If the frog is doing poorly, then something is likely wrong with the wetland and they can investigate further.

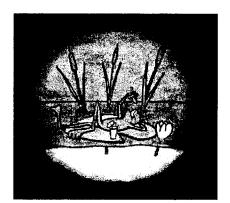


Figure 4.7: Indicator Species

The engineer profession picked motor vehicles as the indicator species for the city. The assumption was, if the motor vehicles were going well (i.e., high levels of service, high speeds, etc.), then the city was healthy. The problem was that the wrong indicator species was picked. It would be analogous to picking Purple Loose Strife (Lythrum Salicaria) to model wetlands. The correct choice would have been the pedestrian. The proof of this poor choice is evident in the relative health of various cities.

However, the motor vehicle modeling abilities do not have to be discarded. They can be redirected to help determine if enough other factors get changed in order to reduce motor vehicle use and its harmful effects. Other factors could include land use density, land use mix, tolls, design speeds, parking supply and costs, related taxes, etc. The idea would be to link public funding to those efforts that are part of the solution. For example, public investment would not be used to subsidize motor vehicle-oriented projects or infrastructure alone. Public money would only flow to smart projects. Federal and state funding would not go to cities, counties, or other places that did not reform and enforce their land use and transportation plans to cap or lower vehicle miles traveled, fuel consumption, etc.

# 4.5 <u>High Levels of Service for Motor</u> Vehicles and Successful Cities

High levels of service for motor vehicle users do not result in successful cities. For example, West Palm Beach, Florida, in the 1980s, had high levels of service for motor vehicle users. For decades, the city pursued and allowed multi-lane and one-way streets. Traffic signals were synchronized, street trees were eliminated, sidewalks were narrowed and placed tight to the curb (i.e.,

vehicle recovery zones), speed limits were high, and on-street parking was removed.

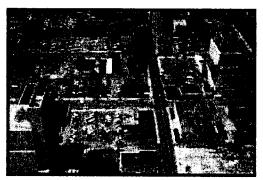


Fig. 4.8: West Palm Beach, circa 1980

Like most cities, the streets made up the majority of West Palm Beach's public realm. They were terrible places (i.e., ugly, hostile to pedestrians, and unfriendly to business). People with choice left the downtown and the older neighborhoods with their money and influence for the suburbs. They left behind people with less choice. Neglect ensued. The city declined and became motor vehicle-dependent, requiring the roads to be even faster and wider. Many of the buildings were razed for surface parking lots, further harming the urban fabric and street environment. Drug dealing, prostitution, vacant buildings, and other problems prevailed. The city went broke. bottoming out with six thousand dollars in reserves.

Like a reformed alcoholic, it was only after the city realized that its motor vehicledependency was damaging, did things change. The prevailing myth, that had to be shattered, was that fast roads to the suburbs would attract people and investment. For about ten years, the city systematically narrowed, calmed, beautified, and slowed its streets. They became pedestrian-friendly. Private investment and people with choice came back to the city. The fall and rise of West Palm Beach had to do with the "transportation land use cycle" theory, which is that when land uses are changed, more trips are generated, more motor vehicles are used, and motor vehicle-carrying capacity is added to the streets. Consequently, land values increase, further changes to land uses occur, and the cycle continues. It boils down to the idea that motor vehicle-carrying capacity leads to investment and value.

There are limits. As motor vehicle-carrying capacity and design speeds increase, worse street environments occur, streets become more mobility-oriented, and access is denied. As access decreases, land values drop, and changes in land use occur, creating a worse environment.

Consequently, there are less pedestrians, less cyclists, less children, less exchange, and less green space, which causes people to relocate out of that area. This is how the "quality of life cycle" declines and how cities decline. The cycles can be reversed as was done in West Palm Beach.

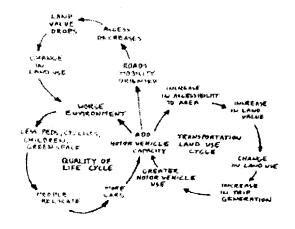


Figure 4.9: Quality of Life Cycle

As the pattern in cities are shaped, either positively or negatively, people are similarly shaped; their behaviors and investments reinforce the trend toward either motor

vehicle-dependency or health and efficiency. Sir Winston Churchill said, "We shape our buildings, and afterwards our buildings shape us." The same applies to cities. We shape our cities and then they shape us.

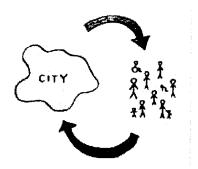


Figure 4.10: Cities and People

#### 4.6 The Street Network

Figures 4.11 and 4.12 show the same perspective of the City of Ottawa, circa 1850, and as it is today. When Ottawa was a lumber town, nobody would have anticipated a gothic building on the peninsula, a château built next to it, a castle-like museum built next to that, and a linear park built along the waterfront, complete with recreational paths. None of that was conceivable 150 years ago. Yet, the city changed dramatically

However, what hardly changed at all was its street network. The street network from 150 years ago is almost identical to the street network that exists today. We call this the "bones" of the city. The bones that were done well 150 years ago help the city today and all the bones that were done poorly hurt the city today.

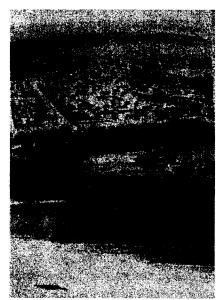


Figure 4.11: Ottawa, circa 1850

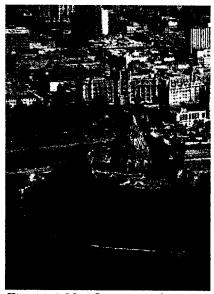


Figure 4.12: Ottawa, today

An examination of old maps indicates that the same situation exists for many cities. The original bones are mostly in place. For example, Lambertville's street network is almost identical to what it was in circa 1880 (Figure 4.13).

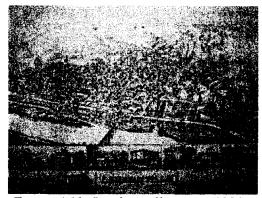


Figure 4.13: Lambertville, circa 1880

Though older, motor vehicle-oriented, cities inherit good bones, they tend to break or weaken them over the years (i.e., severing connections with highways, closing and abandoning streets, turning streets into highway ramps, etc.) while pedestrian-oriented cities tend to look after their bones. In other words, motor vehicle-oriented places tend to evolve their streets toward the conventional, dendritic, hierarchy of roads, and pedestrian-oriented cities do not.

We can tell a lot about something by its bones. The creature's bones in *Figure 4.14* tells non-experts that this was a land animal because of its feet, that it walked upright because of the relative size of its legs, and that it ate meat because of the shape of its teeth.



Figure 4.14: Bones

If you asked an expert on beauty, like Leonardo De Vinci, why people's faces are attractive, he would say it has to do with the underlying bone structure (i.e., the symmetry, setting of the eyes, cheekbones, and jaw line).



Figure 4.15: Bones and Beauty

Similarly, the beauty of cities has a lot to do with their bone structures. The two cities in Figure 4.16 have contrasting X-rays. The city on the left has a healthy network of streets, multiple routing options, and good access to public spaces. It is walkable and the buildings are up to the street. The city on the right has a disconnected, dendritic, street pattern. It lacks routing options. It is vulnerable to collisions due to its lack of redund ancy. There are parking lots in front of the buildings. It is unwalkable and motor vehicle-oriented. It should come as no surprise that we are contrasting Savannah with Irvine.

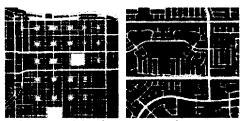


Figure 4.16: Contrasting Bones

Figure 4.17 shows the bone structure of Paris. One does not need a gridiron network of streets to be connected. Paris is highly connected and walkable, using rectilinear and radial patterned streets.

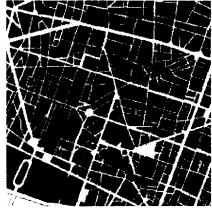


Figure 4.17: Connected but not Grid

The power of the network is poorly understood and represents one of the largest challenges in steering cities toward efficiency and sustainability. As motor vehicle lanes are added to streets, there are diminishing returns from a motor vehicle-carrying perspective, as is illustrated in *Figure 4.18*.

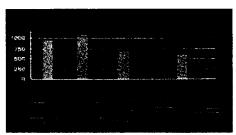


Figure 4.18: Motor Vehicle-Carrying Capacity per Lane

Consequently, the network in Figure 4.19 carries more motor vehicles than the sparse hierarchy. For example, three, parallel, two-lane streets can carry more motor vehicles than one six-lane road. The fourteen intersections can clearly out-process the three intersections in the sparse hierarchy.

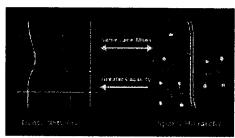


Figure 4.19: Contrasting Networks

# 4.7 Motor Vehicle Speed

From a conventional, motor vehicle-oriented perspective, the network will have higher motor vehicle-carrying capacities than the sparse hierarchy, which would lead us to conclude that part of the problem does not relate to a simple preoccupation with moving more and more motor vehicles. It has to do with a more insidious preoccupation, speed. The sparse hierarchy lends itself to the notion that motor vehicle users should drive faster on the bigger roads than they should on the smaller roads (i.e., faster on collectors than on locals, faster on arterials than collectors, and faster on freeways than arterials.) Yet, as we witness during peak periods of motor vehicle use, twice a day, freeways are some of the slowest streets in cities.

The relationship between motor vehicle speed and capacity is an interesting one, and best discussed in older versions of the *Highway Capacity Manual*. They showed that the maximum motor vehicle-carrying capacity of most streets is somewhere around 25 to 30 miles per hour.

The types of streets that are appropriate in cities are those with lower speeds. According to the *Highway Capacity Manual*, there is not a downside from a motor vehicle-carrying perspective. Streets with lower speeds also tend to be safer because, for example, stopping distances shorten, fields of view widen, and the

amount of damage decreases, lowering the rates of deaths and injuries.

Figure 4.20 shows a very busy street which carries a lot of traffic, though no motor vehicles. It is interesting that the travel speeds on this big street are about the same as the travel speeds on smaller streets (i.e., the speed of a walking horse) in their day.



Figure 4.20: Big Friendly Street

Low speeds historically allowed retail and residential land uses to thrive along big, busy, streets. They succeeded because there were good pedestrian environments and access. The big streets were consistent with their place on the transect, discussed earlier. It is a very modern idea that the big streets should also be fast streets. High speeds damage the pedestrian environment, damage the viability of retail and residential land uses, and violate the transect.

# 4.8 Network and Block Structure Shape Land Uses

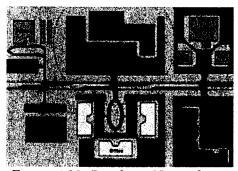


Figure 4.21: Dendritic Network

The sparse hierarchy in Figure 4.21 allows for large parcels with driveways off of the big street. The block structure, created by the network, in Figure 4.22, encourages buildings to be placed up to the street, improving the pedestrian environment. It also has multiple routing options for motor vehicle users, cyclists, pedestrians, and transit. Because of the multi-parallel routes, all of the streets can be built at a pedestrian scale. In Figure 4.21, the street tends to be at a motor vehicle scale.

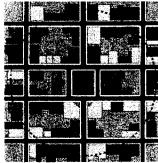


Figure 4.22: Connected Network

# 4.9 Network and Block Structure Affect Trip Lengths and Trip Quality

Figures 4.23 and 4.24 show the assignment of trips between the various land uses. Notice, in Figure 4.23, all of the trips are beholden to the big road and are longer, while, in Figure 4.24, there are multiple routing options and the trips are shorter.

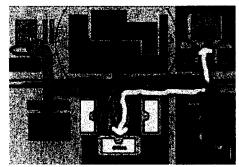


Figure 4.23: Trip Assignment (longer, and using the big road)



Figure 4.24: Trip Assignment (shorter using multiple routes)

The streets in a connected network can be designed to be conducive to walking, cycling, and transit. Conversely, the trips on the dendritic network are more likely to be conducted by motor vehicle than those on the connected network. All else being equal, the urban form with the connected network will be less motor vehicledependant and healthier than that with the dendritic network.

### 4.10 Road Rage

Highways with high motor vehicle-carrying capacities and high design speeds are regularly congested to the point of slow speeds. In these situations, drivers get mixed signals. The design of the road tells drivers that they should be going fast; their powerful vehicles can easily go fast; the surroundings are dull, repetitive, and look better at fast speeds. Drivers only have one routing option. Meanwhile, the other motor vehicles will not let them go fast. Driver's expectations and desires are not met, they are stuck with no alternatives, so they get stressed and the smallest of incidents can incite anger and, sometimes, dangerous behaviors.



Figure 4.25: Jam on Boring Highway

Boulevards, avenues, and networks can have high motor vehicle-carrying capacities too. During times of congestion, drivers do not expect to be going fast and the surroundings are pleasant at slow speeds. They have routing options. Driver's expectations and desires become better aligned with their environment and they are less likely to get upset.

### 4.11 Transit

We have observed the pattern relating the pursuit of speed and mobility for motor vehicle users as being damaging to cities by spreading them out, reducing connections, lowering exchange, consuming large quantities of land and energy, increasing trip lengths, contributing to congestion, increasing automobile dependency, lowering transit effectiveness, contributing to a variety of diseases, lowering social contact, and violating the transect.

The opposite makes sense too. The pursuit of slower speeds would benefit cities by allowing them to become more compact, increasing connections, increasing exchange, consuming less land and energy, shortening trip lengths, reducing congestion, decreasing automobile dependency, increasing transit effectiveness, contributing to better health, increasing social contact, and respecting the transect. This makes even more sense when we consider the pursuit of network, pedestrian-oriented design, mixed land uses, respecting the

transect, placing buildings up to the street, and the aforementioned recommendations.

Take public transit effectiveness for example. All else being equal (e.g., same time of day, same route, etc.), the relative travel time between taking public transit and taking our private motor vehicle has an influence on our mode choice. Obviously, if the streets were faster, then the travel times for both modes would drop and, if the streets were slower, then the travel times would increase.

Conventional thinking would suggest that speeding up roads would encourage us to use transit. However, the travel time of public transit relative to the private motor vehicle actually becomes worse and, consequently, we would be more likely to not choose public transit.

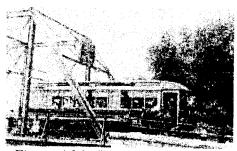


Figure 4.26: Former Trolley Service in Lambertville

The reason is simple. Assume that a typical motor vehicle trip involves walking time at both ends, called  $w_I$ , and driving time, called  $d_I$ , and when added together results in the trip time  $(w_I+d_I)$ . The total time for the equivalent transit trip involves walking at both ends, some waiting time, perhaps some transfer time, time along the way associated with stops, and the driving time. Let's lump all the non-driving time together, called  $w_2$ , and then the total trip time would be  $(w_2+d_I)$ . The relative travel time between public transit and motor vehicle would then

be  $(w_2+d_1)/(w_1+d_1)$ , which increases as the driving time decreases.

Presently, assume that  $w_I$  is four minutes and  $w_2$  is 16 minutes, and  $d_I$  is 20 minutes. Relative to one's motor vehicle, it would take 1.5 times longer (50% longer) to take public transport. However, if the driving time were lowered by four minutes to 16 minutes, then public transport would take 1.6 times longer (60% longer) than one's private motor vehicle, an increase of 10%. Furthermore, if the driving time were increased by four minutes to 24 minutes, then public transport would take only 1.25 times longer than private motor vehicle, a decrease of 25%.

By combining slower streets with better pedestrian environments, closer trip ends, connected networks, etc., the prognosis for increased walking and transit use would be favorable. More importantly, cities would become more efficient in terms of energy consumption and land consumption and better on a number of fronts. The bottom line is that the pursuit of multifaceted places will result in cities that will out perform cities that pursue conventional transportation solutions. From a theoretical perspective, this makes sense. By observing real cities, this is evident.

#### 4.12 Learning from Failure

There are cities that are still promoting big highways through them. For example, the Florida Department of Transportation is working with the City of Orlando to widen Interstate 4.



Figure 4.27: Proposed I-4 Widening

The City of Columbus, Ohio is expanding its interstate system in its downtown. Many more cities have unfunded highway expansions in their long range plans. Obviously, there are cities that are guided by urbanism and the transect and others that follow conventional models.

Figure 4.28 illustrates obvious examples of the ability of engineers to learn from failure. The examples involve root barriers next to sidewalks to reduce heaving, ship hull designs to reduce sinkings, foundation designs to reduce leaning, roof designs to reduce collapses, and crush zones in motor vehicles to reduce trauma. In all these cases, failure was acknowledged and changes were made for the better.

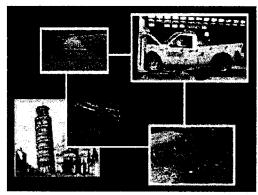


Figure 4.28 Learning from Failure

In mobility-oriented cities, the big streets typically fail twice a day, every day. Radio shows expand their periodic weather updates and time checks with traffic reports. The failure of the conventional transportation model has been evident since at least the early 1960s with clear explanations from people like Jane Jacobs. The failure becomes increasingly evident every decade as congestion gets worse, people become obese, pollution increases, etc.

The transportation engineering profession defines failure on streets in terms of motor vehicle delay at intersections and volume to capacity ratios of motor vehicles. Part of the problem is that transportation engineers chose the word "failure" which implies that something is broken when there is congestion. There are plenty of examples of really nice streets in various cities that are congested with motor vehicles that are not broken. Attempts to fix these streets, conventionally, would harm the streets and their environs.

Conventional motor vehicle performance measures are technically useful at the individual street and intersection level but they need to be i) compared to the performance of other street and city attributes and ii) they should not be the basis for broad transportation policy.

The patterns lead to the conclusion that conventional transportation strategies are solving the wrong problem. The patterns indicate that transportation strategies should really be part of a broader strategy to create great places and great cities, not battling congestion.

# 4.13 Context Should Lead, not Follow

The Transportation Research Board recently sponsored the development of a guidebook (*Project 2519*) for assessing the social and economic effects of transportation projects.

The authors did an excellent job of measuring several effects of road widenings on the social and economic fabric of cities. Undoubtedly, the book will make a positive contribution. However, the underlying assumption was that transportation projects were somehow fixed and not negotiable, while the negative effects only had to be minimized

This starting point reflects the conventional approach to good design, which is as follows. Somehow a transportation decision gets made (e.g., add two more motor vehicle lanes or some other conventional purpose or need) and then the intent is to do what can be done to mitigate any damage. It is no wonder that early context-sensitive design efforts got the reputation in conventional circles of just adding time and cost to projects. They missed the point.

Good design is not about getting really good at doing the wrong thing. Good design is not about mitigating after the fact. It is about building better places. It is about building better cities. It is about allowing the context to direct what projects happen and how they are designed. It does not mean motor vehicle issues are ignored or that anything else is necessarily ignored. It means that projects are approached, first, from their ability to contribute to the big picture. It means that the dog wags the tail. This allows cities that want to be healthier socially and economically to use projects, transportation or otherwise, to get there.

# 5. THE PREREQUISITES FOR HEALTHY CITIES

#### 5.1 Vision

Vision is the ability is to see the city fifty to one hundred years from now, and being able to make decisions and affect change today that will ultimately result in the type of city envisioned for the long run. Politically, it helps if the changes make perceivable differences within a term of office and can be added to over time.

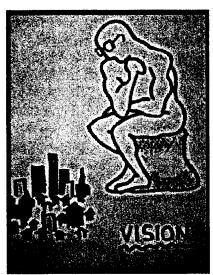


Figure 5.1: Vision

Part of this vision has to do with how we define "capacity" of the streets. Conventionally, the capacity of the streets has been defined as the maximum number of motor vehicles that can pass by a point along the street during an hour. However, we know that streets have the capacity to be beautiful, to host social activity, to provide recreational facilities, and to nurture businesses and homes. They have the capacity to be contributing parts of the public realm on many levels.





Figure 5.2: Capacity of Streets

Using our pattern recognition skills, it is very easy to look at *Figure 5.3* and conclude that this city has good bones but has shown no vision. The city is clearly motor vehicle-oriented and hostile to pedestrians.

Coincidently, this city, Houston, is the third fattest city in America according to *Men's Fitness*.



Figure 5.3: Good Bones, No Vision

Our ability to recognize good and bad design is exploited even in Hollywood movies. *Figures 5.4* and *5.5* show two cities used in Stars Wars. The city, in *Figure 5.4*, is obviously the home of the evil empire. We can tell just by looking at it.



Figure 5.4: The Evil City



Figure 5.5: The Friendly City

The city in *Figure 5.5* is the home to the friendly empire with nice public open spaces, public buildings placed on the most prominent sites, good building scale and massing, a good street network, and public art. It's all there.

# 5.2 Get the Bones Right

Figures 5.6 to 5.9, are examples of nicely designed urban places in four cities with different climates, populations, building massing, architecture, and street designs.



Figure 5.6: Boston



Figure 5.7: Seaside



Figure 5.8: South Beach



Figure 5.9: Victoria

Our pattern recognition abilities tell us that these are all nice, walkable, pleasant, and safe. We appreciate the good design immediately. However, the prerequisite to good design is good bones; these places could not be so nice if the network were not good. Houston, on the other hand, had poor design and was ugly but, because it has good bones, it has potential.

If a city could visit an urban design doctor, the first thing that the doctor would do is take an X-ray of the city's bones. Fundamentally improving the health of a city or part of a city begins with dealing with its underlying bone structure. The doctor will also look at the subsequent layers; the land uses, history, goals, objectives, resources, time tables, and so forth. Once the doctor understands the big picture and the relationships, the doctor will then write a prescription for change, involving policies, funding, design, staging, etc. The following examples, will examine the power of the network in different circumstances

#### 5.2.1 Adding Bones in Suburbia

Part of suburban Georgia, just outside of Atlanta, is called the Crabapple Area. The concepts for the Crabapple Area were developed by Glatting Jackson and the Atlanta-based firm, the Sizemore Group. The Crabapple Area was a rural area. The intersection of three farm roads became the heart of the rural community because that was where exchange was easiest. Local retail, community buildings, and some residential buildings were built there. It was also the site of the annual fair.

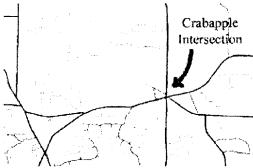


Figure 5.10: Intersection of Farm Roads

In recent decades, dead end, suburban, subdivisions replaced about half of the area's farms. The subdivision streets do not connect to one another; they simply load traffic onto the old farm roads and contribute nothing positive to the network.

Many of the farm roads were changed into suburban commuter routes to Atlanta, detracting from the rural character of the area. Luckily, the Crabapple intersection escaped widening because two historic buildings held the corners. Despite the constraints, the Georgia Department of Transportation managed to maximize the motor vehicle-orientation of the streets and intersection. The porch was removed from one of the buildings to provide a larger corner radius. The corner radius in front of the other building grew to the point where pedestrians, leaving the building, literally stepped into the intersection.

Predictably, the intersection and area became hostile to pedestrians, congestion occurred, and local people had difficulty chauffeuring their children to school and conducting other motor vehicle trips.

Working with the community on a solution, widenings were considered and ruled out because of the historic buildings. Bypass options were considered and ruled out because: i) they would attract commercial uses that would be out of scale and character

with the area; ii) they would be too expensive to be feasible; and iii) the commercial viability of the historic Crabapple core would be diminished.

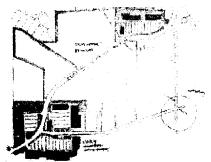


Figure 5.11: One of Many Bypass Options

The no-growth and slow growth options were considered and rejected because nobody was willing or able to buy up development rights.

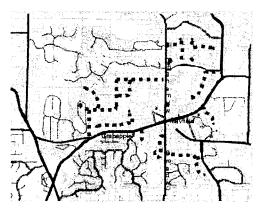


Figure 5.12: Do Nothing Option

The do nothing option was considered and rejected because developers were going to fill in the remaining farms with more dead end subdivisions, exacerbating the problems.

Once the conventional solutions were exhausted, people were willing to consider a network solution. Simple connections were proposed near and afar to create a more refined regional street network, reducing trip lengths and reducing pressure on the Crabapple intersection. A village-scaled

network of streets and blocks were proposed in the remaining available land in the intersection's vicinity.



Figure 5.13: Village-Scaled Network
Near Intersection

The idea was to approximate the design of a traditional town as if it had been developed perhaps 100 years ago. The network of streets provided several routing options and more intersections to process the motor vehicle traffic, far outperforming the single intersection.

Each street was designed to be contextsensitive and, hence, not detract from the character of the area. Lastly, the original intersection could be restored to be pedestrian-friendly and reassert itself as the community's center. The porch could be replaced on the historic building.



Figure 5.14: Intersection Today



Figure 5.15: Future Intersection

# 5.2.2 Suburban Mall Break Up

A suburban mall was built at the intersection of two state roads in Winter Park, Florida. The mall was a conventional big box surrounded by surface parking. The mall declined to the point when only one store remained open.

Reinvigorating the area involved building a network of streets through the mall site, to create an urban block structure. The big box was dismantled and new buildings were built up to the streets. Surface parking was provided behind the buildings. The site was designed to accommodate market changes (i.e., additional buildings could be built along the streets and structured parking provided within the blocks).

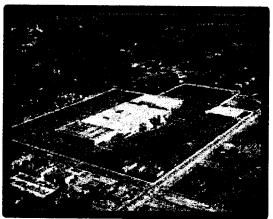


Figure 5.16: Conventional Mall

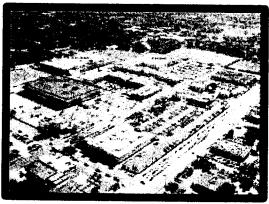


Figure 5.17: Street Network Added



Figure 5.18: Buildings Up to Streets

Flexibility and market resilience were provided by the project's good bones and design. Parts of site can be modified, as needed over time, building on the previous investments in the site.

It is now one of the most successful retail developments in central Florida and it is attracting residential land uses. One of the parking lots will soon be lined with townhouses and apartments with a parking structure in the belly. The site is known as "Winter Park Village."

### 5.2.3 Breaking Up the Super Block

A super block is a block which is too big for an urban context. Typically, the ratio of access to buildable area is too low resulting in the construction of ad hoc private driveways and roads to provide internal access. Super blocks cause circuitous routing and provide few routing options, which typically results in motor vehicle-oriented streets and concentrations of traffic at the corners and at the edges.

A single use such as a mall can create a super block, or a combination of different land uses as is shown in *Figure 5.19*. The super block, which is north of Winter Park Village, has motor vehicle dealerships,

school bus storage areas, a few houses, and warehouses.



Figure 5.19: Super Block

The area will never meet its potential if it stays a super block. It is proposed that the super block will be redeveloped with an urban block structure with buildings up to the streets and a public park.

Providing the additional street network, as shown in *Figure 5.20*, will allow the adjacent state roads to function better from a motor vehicle perspective as well as from pedestrian and bicycle perspectives. The network allows for multiple routing options and a better business environment.

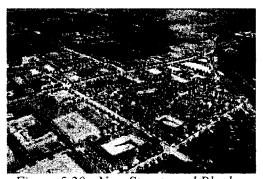


Figure 5.20: New Streets and Blocks

Multiple streets will provide a rich pedestrian environment; carry their share of traffic, be nicely designed, and be connected to homes, businesses, and the park.

#### 6. STREET DESIGN

# 6.1 <u>Framework Streets and Non-</u> <u>Framework Streets</u>

Given the correlation between healthy cities, healthy street networks, and healthy people, a discussion of healthy street design is important. So, how should the streets be designed? It depends on many factors (e.g., the type of street, the context, etc.) some of which will be discussed herein. Streets in cities can be divided into two types: framework streets and non-framework streets. Framework streets are generally those that are long in length and serve as major emergency routes. Non-framework streets include the rest of the streets.

#### 6.1.1 Framework Streets

The key to the good design of a framework street is its cross-section (e.g., the number of lanes, the width of the lanes, the material choices, the edge treatments, the on-street parking, street trees, sidewalks, lighting, etc.) Through the clever design of the cross section, the street can reflect and contribute to its context (e.g., the area's history, the topography, the climate, the land uses along the sides, the community's goals and objectives, etc.) A good cross-section can encourage desirable behaviors and feelings (e.g., desired speeds for motor vehicles, social contact and exchange for pedestrians, a feeling of safety, identity, etc.)

#### 6.1.2 Non-Framework Streets

The design of non-framework streets can also involve various cross-section measures. Good cross-sections are most easily achieved during the streets' initial construction. However, because so many non-framework streets lack good cross

sections, rebuilding them all would be financially infeasible for most cities. Rebuilding is feasible when other work is happening on the street such as major sewer repairs, repaving, or adjacent redevelopment. Even where good cross-sections are used, they can still be insufficient to achieve the desired effect on the speeds of motorists.

The design of non-framework streets can employ a myriad of "periodic" traffic calming measures (e.g., mini traffic circles, narrowings, pinch points, speed humps, tight corner radii, cushions, etc.), examples of which are shown in *Figures 6.1* through 6.6. The most desirable situation is to use both periodic measures and cross-section changes.

The benefit of considering periodic measures alone, when retrofitting existing streets, is that we can invoke desirable behaviors and attitudes relatively inexpensively. In other words, motor vehicles can be slowed, the pedestrian environments can be enhanced, and a sense of territory and ownership can be created. These retrofit projects require the measures to be spaced at regular intervals to discourage motorists from speeding up between the measures.



Figure 6.1: Raised Pedestrian Crossing



Figure 6.2 Mini-Traffic Circle



Figure 6.3 Chicane



Figure 6.4 Narrowings



Figure 6.5 Pinch Point & Hump



Figure 6.6: Narrowings & Cushions

Typically, the smart approach to laying out traffic calming plans is to determine the appropriate measures for obvious places (e.g., key intersections; pedestrian generators like schools, community centers, and parks; entrance locations, etc.) and then fill in between with measures at the correct spacing. The correct spacing is a function of the desired motor vehicle speed (i.e., the lower the speed, the shorter the spacing). Typically, 20 miles per hour is used in residential areas.

A rule of thumb is that no more than eight to twelve periodic measures be used in sequence through a traffic calmed area. This helps avoid backlash problems from drivers who might otherwise complain about having an excessive number of measures. It also provides guidance for selecting a good network of framework streets.

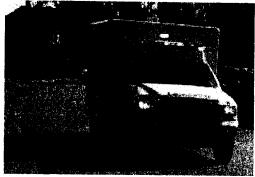


Figure 6.7: Ambulance on Call

The rule of thumb also helps from a policy perspective with emergency services providers. They are naturally concerned about response times. The deepest property in a traffic calmed area would be only four to six measures from a framework street. The average property would be about three measures from a framework street. In most places, this provides a good balance between response times and quality of life and street safety.

For the record, traffic calming measures of either type (i.e., cross-section measures or periodic measures) are different than traffic control devices. The latter are communication devices such as signs, signals, and pavement markings. Traffic calming measures involve changes to the physical design of the street or intersection.

# 6.2 Route Modification and One-Way Streets

Route modifications are not recommended. These include street closures, partial closures, turn prohibitions, and one-way streets. Typically, when route modifications are employed there are winners and losers. Some stakeholders benefit by the changes and some are harmed.



Figure 6.8: Median Denies Access

When route modifications are employed, trip lengths increase and speeds of motor vehicles often increase (i.e., all else being equal, one-way streets encourage higher speeds than two-way streets).



Figure 6.9: Fast One-Way Street

Route modifications diminish the street network by removing routing options and reducing access. All else being equal, if the average trip length increased by 15% due to route modifications, then the average motorist would drive through 15% more intersections, effectively increasing traffic volumes at the average intersection by 15%. Therefore, they increase traffic volumes overall even though the number of trips do not change. Consequently, they increase energy consumption and pollution.

Some jurisdictions incorrectly consider route modifications as a type of traffic calming measure. This is technically incorrect because they are not traffic calming measures. Traffic calming involves design

changes that effect behavior, keeping the network intact, while route modification removes routing options.

Typically, the application of route modifications in a city is a good indicator of i) an incomplete knowledge of traffic calming; ii) inadequate traffic calming funding; or iii) much larger problems involving the street network and urban design.

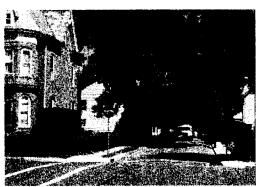


Figure 6.10: Narrow One-Way Street with On-Street Parking

The only general exception to the above would be on very narrow streets where onstreet parking was highly desired; making them one-way could be acceptable.

Otherwise, in general, one-way streets are not recommended. Conventional one-way streets, designed to minimize delays to motorists, are not recommended.

Minimizing motorist delay is not adequate justification to diminish the place and the city.

# 6.3 <u>Underutilized Cross-Section</u> <u>Elements</u>

There are several cross-section elements that are well understood and do not need mentioning. However, some are highly underutilized.

#### 6.3.1 Street Trees

Street trees are under-utilized particularly on busy streets. The presence of street trees provides a sense of enclosure, shade, protection for pedestrians, beauty, and environmental benefits (e.g., the reduction in heat generation, helping air quality, etc.)



Figure 6.11: Nice Street Trees in a Tight Right-of-Way

### 6.3.2 On-Street Parking

On-street parking insulates pedestrians from motorists. It also provides access to homes and businesses. It is a good use of space because the street provides access to the parking spaces (i.e., no land needed for parking aisles and driveways).

### 6.3.3 Angled On-Street Parking

Head-in angle parking is familiar to most motorists along with its primary benefit (i.e., larger parking supply) and its primary safety problem (i.e., blindly backing out into a travel lane).



Figure 6.12: Head-In Angle Parking



Figure 6.13: Back-In Angle Parking

Back-in angle parking provides the same parking supply but is safer. The parked motor vehicle's trunk can be loaded and unloaded from the sidewalk instead of from the travel lane. When the doors are opened, the occupants, particularly children, are channeled towards the sidewalk instead of into the travel lane. It is easier to park when compared to parallel parking. The most important safety advantage is the driver's ability to see when pulling out of the parking stall into the travel lane.



Figure 6.14: Good Visibility

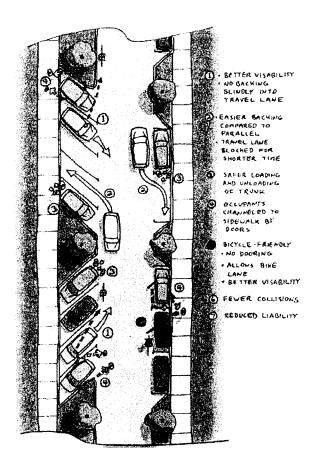


Figure 6.15: Summary of Advantages

Back-in angle parking has been popular in places like Seattle and Washington, D.C., for years. It is used on busy arterial streets and enjoys a superior safety record when compared to head-in angle parking. It can be used in the same cross-section as onstreet bicycle lanes.

It is expected that a growing number of cities will convert their head-in parking to back-in parking as awareness increases and as city attorneys recognize the inevitable liability exposure that will be associated with head-in angle parking.

#### 6.3.4 Valley Gutter

A valley gutter is found between an onstreet parking row and the outside travel lane. It is two-feet wide and made of concrete. It has a shallow, V-shaped, channel to guide water to catch basins located in the valley gutter. The parking area slopes toward the valley gutter to drain. From a cross-section perspective, one foot of the valley gutter is considered part of the parking row, and the other foot is considered part of the travel lane.



Figure 6.16: Valley Gutter

The advantages of the valley gutter are numerous. Debris migrates to the gutter where it can be swept up more easily than if it were behind parked cars. In cold climates, catch basins are less likely to get blocked by ice and snow.

Valley gutters allow for a different surface material to be used than what was used for the travel lanes. The different material and valley gutter creates an optical narrowing, which helps discourage motor vehicle speeding, even when there are no parked cars present.

Valley gutters allow narrowings to be placed without having to locate a catch basin upstream of every narrowing. This provides the design freedom to add multiple narrowings. The narrowings are also flexible because they can be shortened or

lengthened without affecting the drainage. For example, if we wanted to add a bus stop on a narrowing, then the narrowing could be lengthened without affecting the drainage of the street.

Figure 6.17 shows a very narrow right-ofway for which a choice had to be made between on-street parking and street trees. However, through the use of the valley gutter, the on-street parking and the street trees were placed in the same row with pleasant results.



Figure 6.17: Narrow Right-of-Way

Figure 6.18 shows what streets look like without a valley gutter. A catch basin had to be placed upstream of each narrowing. This design is inflexible compared to the one with the valley gutter and does not look as good with or without cars parked. The street feels wider, which, all else being equal, will encourage more speeding.

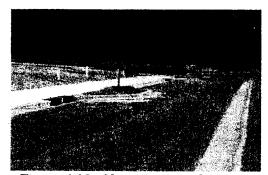


Figure 6.18: Narrowings without Valley Gutter

# 6.3.5 Flush Median or Textured Left (or Duel Left) Turn Lane

Figures 6.19, 6.20, and 6.21 show three examples of textured left turn lanes. Being able to turn left provides access, which is pro-city. Textured left-turn lanes give the impression of a median but do not suffer from their access disadvantages.



Figure 6.19: Arterial Road



Figure 6.20: Busy Residential Street



Figure 6.21: Downtown Setting

Figure 6.20 is in Toronto on a busy, twolane, street which had been experiencing speeding problems. The inclusion of the textured median helped reduce the speeding and maintained complete access to the homes. The trees in the flush median prevent overtaking and increase the sense of enclosure. Emergency services can use the flush median to pass a stopped vehicle.

### 6.3.6 Roundabouts

Roundabouts are one of the most underutilized intersection designs. In many cases, roundabouts offer advantages over signalized intersections, including reduced collision rates, reduced severity of collisions, less pollution by motor vehicles, easier crossings for pedestrians, and improved aesthetics. Roundabouts do not require periodic signal timing adjustments. They do not stop operating when the power goes out.



Figure 6.22: Roundabout

From a cross-section perspective, roundabouts do not need turn lanes and multiple through lanes. Traffic signals need these lanes so that the "green time" can be utilized by as many motor vehicles as possible. Multiple lanes at signalized intersections lead to "lane continuity" issues mid-block.

In other words, the lanes needed by the traffic signals are kept in between the signals so that drivers do not have to merge and diverge between the signals, leading to multi-lane roads. If it were not for the signals, then the extra lanes would be unnecessary mid-block. Consequently, roundabouts can allow the removal of these lanes. This provides space for sidewalks, street trees, on-street parking, etc. The lane reductions also slow speeders and improve aesthetics.

# 6.3.7 Rosemary Street, West Palm Beach

Though Rosemary Street is not a cross-section element, it is an interesting study of cross-section elements. The street connects the city's main shopping street with a very large mixed-use infill development, called CityPlace. The street was ugly and fast. The idea was to calm the street and make it pedestrian-friendly. The goal was to create a better connection and encourage redevelopment and private investment.



Figure 6.23: Conventional Cross-Section



Figure 6.24: Festival Design (same perspective as Figure 6.23)

The street's on-street parking stalls, sidewalks, travel lanes, and cross walks were defined using different colors and textures of pavers; no vertical curbs and no paint were used. An oak tree was planted at the ends of every parking row and between every parking space. Eventually, the trees will form a canopy, creating an outdoor room and a comfortable walking and cycling environment, even in the summer heat of West Palm Beach.



Figure 6.25: Barrier-Free Corners

Another objective, that affected the cross-section, was to make the street a multi-purpose public space. The lack of curbs allowed the whole right-of-way to be a barrier-free space for special events. During events, people in wheel chairs or those pushing strollers can get around easily, unlike on a curbed street. The street design became known as the "festival design." From outside edge of sidewalk to outside edge of sidewalk, the street employed a gentle inverted crown (i.e., it drained to the middle like a parking lot).

Small touches included providing electricity to every tree pit for holiday lights, special event booths, concert stages, etc. All the underground utilities were replaced and the overhead utilities were placed underground. Appropriately sized utility stub-outs were brought to the property lines of every property that had redevelopment potential.

Naturally, when the design was proposed, conventional engineers voiced opposition to the cross-section. They warned of drainage problems, maintenance problems, and that motorists would park on the sidewalks. The truth was that the design was not what they were used to and it would create precedents on both design and context-sensitivity. After the street was built and open, it worked very well; motor vehicles were parked where they were supposed to, motorists drove at respectful speeds, the

street was beautiful. Pedestrians enjoyed the walk and private investment followed.

From a transect perspective, the street provided more than what one would normally expect in such a setting: slower speeds, on-street parking, wide sidewalks, high quality materials, street trees at regular intervals, and the ability to accommodate special events in a barrier-free environment.

# 6.3.8 Get the Buildings up to the Street (a key component of street design)

One of the most important aspects of street design is the location of the buildings along the street. In fact, the street environment extends from building face to building face, across the street. The building facades contribute to the public realm.



Figure 6.26: Buildings Hold the Street

Many cities require buildings to be built up to the street. This is a very positive requirement because it improves the pedestrian environment, the transit environment, natural surveillance, and other urban attributes.



Figure 6.27: Buildings Do Not Hold the Street

Even developers, whose suburban prototype buildings are located behind parking lots and drive-throughs, have learned to adapt to urban environments. *Figures 6.28* to *6.32* show various buildings up to the street. Self-storage facilities often look like a series of garages. Grocery stores are often at the back of large surface parking lots. These figures demonstrate that practically any building and land use can be built up to the street, contributing to the street and the public realm.



Figure 6.28: Fast Food

The lesson here is that just building good streetscapes and nice sidewalks, using pleasant materials and so forth is not enough. It is really important to have the buildings hold the streets.

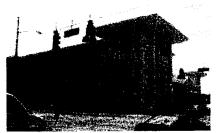


Figure 6.29: Grocery Store



Figure 6.30: Restaurant



Figure 6.31: Self-Storage Facility



Figure 6.32: Mixed Uses

Figures 6.33 and 6.34 show developments that turn their backs on the street and harm the pedestrian environment. This kind of poor design should be simply prohibited in cities. Figure 6.35 shows that with minor alterations, the development in Figure 6.34 can address the street.



Figure 6.33: Back Turned on Street



Figure 6.34: Back Turned on Street



Figure 6.35 Front Turned to Street

# 7. ROAD DIETS (ARTERIAL ROAD CALMING)

Road diets usually involve framework streets. They always involve cross-section changes that increase the design significance of non-motorized street users. Frequently, they involve narrower, fewer, or narrower and fewer travel lanes.

## 7.1 Orlando Avenue, Winter Park

Orlando Avenue, in Winter Park, Florida, is also known as State Road 17/92. The current, conventional, motor vehicle-oriented road has five wide lanes, high speeds, a poor pedestrian environment, a poor business environment, and terrible aesthetics. The proposed project addresses these issues by narrowing the lanes, widening the sidewalks, providing street trees, and consolidating many of the duplicate driveways.

Because of the large spacing between signalized intersections, several pedestrian refuges will be added to the street. They will be short landscaped medians. Pedestrians will be able to cross half the street at a time, which will be a lot easier and safer than today's situation. One of the outcomes of this project will be a less divided community.



Figure 7.1: Hostile & Ugly 17/92



Figure 7.2: Post-Diet 17/92

Through our pattern recognition abilities, we can see that Orlando Avenue will change from a suburban strip design to a more urban design. Consequently, we can be confident that more pedestrians will use these spaces, more people will cross the street, customers will be happier, businesses will do better, building owners will be more willing to locate their buildings up to the street, and so forth.

The bottom line is that the street will contribute more to the place and to the city than it does now; a refreshing change to past modifications that were only designed to move more and more motor vehicles faster and faster.

## 7.2 Fair Oaks Avenue, South Pasadena

Fair Oaks Avenue in South Pasadena, California, is a five-lane road with on-street parking. Despite its name, there are few trees along Fair Oaks Avenue. Though it is the main commercial street, the design does little to contribute to the welfare of the adjacent businesses. The street is a barrier in the community, cutting off one side of the city from the other side.

The city, in cooperation with the California Department of Transportation, is reconstructing the street and incorporating a number of design changes, which will help the multi-modalism of the street. The street will employ a textured left-turn lane, valley gutters, bricked parking rows, and landscaped narrowings with trees.

An interesting component of this street design is that the left flange of the valley gutter is going to be widened to create a concrete bicycle lane. The concrete bicycle lane is very conspicuous because it contrasts with the bricked parking row and the asphalt driving surface.



Figure 7.3: Fair Oaks Avenue Today



Figure 7.4: Future Fair Oaks Avenue

The changes will provide slower speeds and enhanced the pedestrian and bicycle environments. Private investment will follow this project, increasing the tax base, and providing more opportunities for exchange.

# 7.3 North Flagler Drive, West Palm Beach

Formerly known as North Dixie Highway, in West Palm Beach, Florida, North Flagler Drive used to be a fast, four-lane, treeless, commuter route. It was temporarily narrowed with paint and then reconstructed with a linear park down the east side (i.e., next to the waterfront). As part of this road diet from four to two lanes, the lanes were shifted laterally at regular intervals to avoid

what is known as the "gun barrel effect" (i.e., if a street is designed like a gun barrel, then drivers will drive like bullets).



Figure 7.5: Past View on North Flagler Drive



Figure 7.6: Current View

The neighborhoods in this area were rather challenged prior to the road diet, with boarded-up houses, frequent robberies, illegal drug activity, prostitution, and other problems. Coupled with the hostile street design, few people were willing to walk or cycle.

The intent of the road diet was to slow the motor vehicle speeds, connect the waterfront parks, provide a pleasant environment for walking and cycling, and add value and pride to the neighborhood. The results surpassed expectations. People began walking and cycling during construction. Property values rose, homes were restored, people with choice returned to the neighborhood, natural surveillance occurred, and people felt safer.

The ends of every intersecting street were narrowed, resulting in shorter crossing distances for pedestrians and places for street trees. The narrowings reinforce the parking regulations by preventing drivers from parking too close to the intersections, helping with sight distances so that pedestrians can cross more safely.

## 7.4 Riverside Drive, Los Angeles

Figure 7.7 shows the signalized intersection of Riverside Drive and San Fernando Road, in Los Angeles, California. The picture was taken from on top of the Riverside Drive's bridge over the Los Angeles River. Both streets were four lanes plus turn lanes. The California Department of Transportation was planning to replace the bridge for earthquake reasons. While they were at it, they proposed to add two more motor vehicle lanes, making it a six-lane bridge.

At the same time, an agency with the Santa Monica Mountains Conservancy was looking for park space for the large, underserved, minority community in the area. Unfortunately, the area was highly constrained, being at the confluence of three highways, two rail lines, and two rivers. Nevertheless, there was some land available around this intersection.

The analysis of the intersection showed that the traffic signals could easily be replaced with a one-lane modern roundabout.

Consequently, the bridge, Riverside Drive, and San Fernando Road could be narrowed to two lanes.

Following the road diets, a great deal of public land would become available for parks in all four quadrants of this intersection. The cost savings on the bridge construction would pay for burying the

overhead utilities, greatly enhancing the area's aesthetics.



Figure 7.7: View of the Intersection from the Bridge

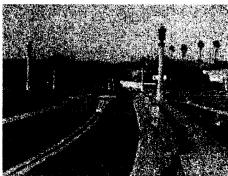


Figure 7.8: Same View Following
Project

The parkland, on either side of the bridgehead, would be connected under the bridge. The project would also represent the beginning of a parkway plan along this section of the Los Angeles River.

The bottom line was that the roundabout was key to a number of design choices that benefited the bridge, the intersection, the park, the community, and the budget.

# 7.5 Olive Avenue, West Palm Beach

Figure 7.9 shows a five-lane state-owned street. Olive Avenue, in West Palm Beach, Florida, cut this part of the city into two parts. It negatively affected property values

and the ability to walk. The area to the east of this street had access to the waterfront and was more valuable and more walkable than the area to the west.



Figure 7.9: Olive Avenue, Before



Figure 7.10: Under Construction

Once Olive Avenue was narrowed to one lane in each direction, the pedestrian crossing distances were shortened, the western area had better access to the waterfront, quality of life rose, and property values increased.

Though this was considered a framework street, exceptions were made to the general rule that the periodic traffic calming measures not be used. There were two elementary schools on this street. At both schools, two intersections were raised to sidewalk height.

These "raised intersections" cause motor vehicles to go up a gentle ramp, cross the intersection, and then go down a ramp. Pedestrians cross on the level. The ramps make the pedestrian crossings at the schools

conspicuous so that the drivers slow down and look for pedestrians. They also increase visibility of the pedestrians (i.e., kids are four to six inches taller so they can see and be seen better), and help people with mobility impairments cross the street on level ground (i.e., no ramps to deal with).



Figure 7.11: Raised Intersections at schools



Figure 7.12: Narrowings of Side Streets
Prior to Tree Installation

The ends of every side street were narrowed as part of this road diet. The intent was to self-enforce the parking regulations, shorten the crossing distance for pedestrians, and provide places for street trees. Part of the justification of this road diet was to provide safe routes to schools, parks, and the waterfront.

# 8. HIGHWAY REPLACEMENT AND CALMING

## 8.1 Space and Territory

Typically the rights-of-way for streets make up the largest proportion of public space in cities, more than parks, civic buildings, etc. How to decide on the correct balance between the competing interests in terms of the design of this public space has been the major thrust of this paper. The following discussion does not recommend an exact priority nor weighting of the various interests but it provides an additional rationale regarding which way to lean.

Space and territory are very related. For example, at a small scale, we each have a personal space around us and, should someone enter it, they either i) had an existing "right of entry" (e.g., a significant other, spouse, son or daughter); ii) had an invitation to enter (e.g. through body language); or iii) they make us feel uncomfortable.

If a person were the only passenger on a bus, and a second passenger boards, the second passenger normally does not sit immediately beside the first because the first has established a little bit of "static territory" on the bench. It's only when the majority of the benches are occupied, will someone share the bench.

At a larger scale, the right of entry into static territory applies to homes. Visitors to homes typically wait for an invitation to come inside or they do not enter. Even entering the home's yard requires a reason such as making a delivery, collecting mail, or other "right of entry." If a stranger were simply loitering in the yard, the home's occupants would likely take some action to re-establish their territory. The same would

apply if strangers were regularly cutting through the yard, due to the "right of passage" not being granted. Many residents mark their territories with landscaping and/or picket fences to reinforce their claim.

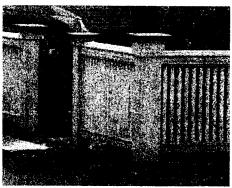


Figure 8.1: Marking Territory

On a larger scale, many residents feel a sense of ownership over the street in front of their homes. Though the street is public property, they feel that they should have a say regarding how the street is designed, maintained, and used (e.g. parking policy, driver behavior, etc.)



Figure 8.2: Entrance Feature

Groups of residents feel the same about their entire neighborhood. They claim a level of static territory and claim a say in a number of issues including who can drive through and at what speed, what are compatible land uses, what happens near their neighborhood, etc. Neighborhoods often erect entrance features at the entrance locations to mark their territory and signal to those entering

that they are now in a special place and that they need to show respect.

Similarly, groups of business people claim static territory over business districts, centers, and along various corridors. They claim a say in street design, parking policy, delivery schedules, etc.

On a larger scale, the country decides who can enter, who cannot. The country has claimed the right to be very particular about who is granted the right of entry. They also mark their territory with border crossing, check points, etc. Countries even control who flies over their territory in an airplane or passes by in a boat offshore in order to protect their territory and demonstrate their sovereignty over it. Furthermore, countries require travelers to conduct themselves according to the country's rules while within their boundaries.

Like static territory, people on the move have a degree of "mobile territory" as well. It goes unnoticed when two pedestrians pass without conflict. However, if the paths were to intersect, normally one pedestrian gives way and, in many cases, the conflict is acknowledged with an "excuse me" or other response. Assume for a moment that, on a visit to a public beach, a couple sets up a little static territory and marks it with a beach blanket, chairs, and a cooler. Pedestrians walking down the beach will inevitably walk well around the little territory rather than walk through it. Similarly, assume that a queue had formed at a busy airport ticket counter such that the line of people extended across the hall. Each person in the queue would have a "static territory" established around them. Now a pedestrian walks down the hall and has to pass through the queue. Typically, the pedestrian will say "excuse me" while passing through the queue.

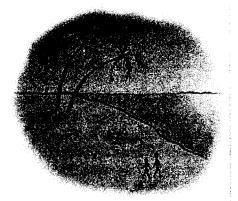


Figure 8.3: Static Territory Takes
Priority over Mobile
Territory

Both the beach case and airport hallway case demonstrate that static territory takes priority over mobile territory; even though pedestrians are allowed to walk anywhere on the beach and that hallways are intended for walking. The relative importance is even clearer with the yard of a home or with the country; static territory trumps mobile territory. Significant negative consequences could come to a traveler if they violate static territory without being granted the right of passage by the property owner or country. At the scale of the neighborhood, static territory is again more important than mobile territory. There are a myriad of neighborhood traffic calming projects that affect the behavior of drivers as they pass through the neighborhood. The measures are purposely designed to cause drivers to pass through on the neighborhood's terms.

At every scale, from the beach to the country, static territory takes priority over mobile territory. However, highways and arterial roads punch through towns and cities, dividing them in the name of speed and mobility. The conventional "hierarchy of roads" model is also used to justify conventional highway design in cities. This violates the accepted and normal expectations that static territory (i.e., the

city) takes priority over the mobile territory (i.e., design for speed). The hierarchy of roads is at odds with our hierarchies of space and territory.

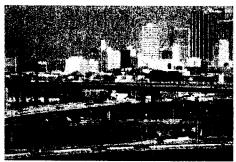


Figure 8.4: I-95 and I-395 through the Overtown Neighborhood, Miami

There are several more appropriate design responses than highways and fast arterial roads. They include i) main street designs; ii) boulevards; iii) avenues; iv) network solutions; v) public transit; vii) land use changes vi) combinations thereof. These solutions allow the "traffic functions" and the "city functions" to coexist in harmony.

### 8.2 Rural Highways

Route 50 is a rural highway in Virginia, west of Washington, D.C. It passes through three small towns, Aldie, Middleburg, and Upperville and through beautiful countryside. The area is very agricultural with a thriving equestrian industry. The towns are historic and built at a wonderful scale. They have functioning main street businesses, owned and operated by local people.

Unfortunately, the design of the main streets within the right-of-way resembles the highway between the towns. Motorists drive at their own comfort levels; the speed limit signs are ineffective; and police enforcement only works when the police are there. The hostile main streets split the

towns in two and lower the quality of life and safety along the main streets.



Figure 8.5: Route 50's Rural Setting



Figure 8.6: Highway-Like Main Street

The Virginia Department of Transportation (VDOT) had visions of turning Route 50, between the towns, into four-lane divided highways and connecting them with bypasses around the towns. One of four-lane sections was already built west of Middleburg.



Figure 8.7: Four-Lane Section

The people from the area noticed that other towns in Virginia had similar changes made

to them years earlier. Those changes resulted in sprawl development, worse congestion, national chain retail around the bypasses, declines along their main streets, loss of farmland, and loss of character.

The people had also heard the official forecasts that indicated motor vehicle use would almost double on the highway in twenty years so that VDOT had to widen the highway and build the bypasses or the congestion would be legendary. However, the people also noticed that motor vehicle use on the highway had been fairly steady for years and that the same forecasts that had been made every five years for that past fifteen years had not materialized.

The people recognized that unless they did something different, they were going to follow the same pattern that the other communities followed. First, the highways through the towns would become overly specialized for motor vehicle mobility and not access, bisecting the towns (that had already happened). Second, the bypasses and four-lane highway would be expensive (already started). Third, the bypasses would attract national chain retail, harm local businesses, and encourage sprawl.

Using their pattern recognition skills and dozens of community meetings, the people eventually concluded that the most context-sensitive approach was to traffic calm the main streets and restore the four-lane section back to two lanes. They had discovered that rural towns in Denmark had been building bypasses for years with similarly bad results, until their Ministry of Transportation ran out of highway money in the 1970s.

The Danes tried traffic calming the main streets instead, allowing the "town functions" and the "traffic functions" to coexist in harmony, avoiding the disadvantages of bypasses, and costing far less than the highway bypasses. The Danes were highly successful with this approach and, over the last thirty years, the technology spread throughout Denmark, Europe, and beyond, with the new successful pattern repeating itself thousands of times.



Figure 8.8: Transition Zone Between a Highway and Small-Town, Traffic-Calmed, Main Street in Germany

Plans were developed for the three Virginia towns, funding was acquired, and the VDOT ended up enthusiastically supporting the project and heading up the project management and design efforts.

The safety benefits alone were compelling. When motor vehicles slow down, their stopping distances shorten dramatically. Should there be a collision, far less property damage, fewer injuries, and fewer deaths occur. For example, if a pedestrian were struck at 31 miles per hour, there is a 37% chance that the pedestrian would be killed. At half that speed, the probability of killing the pedestrian drops tenfold, to under 4%.

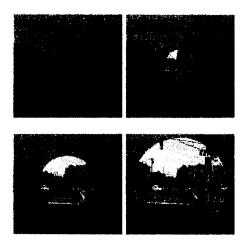


Figure 8.9: Fields of Vision at 30, 25, 20 and 15 mph Respectively

The "field of vision" of drivers widens at slower speeds (i.e., when speeds are high, drivers focus on a dot-sized area far down the road and, as speeds drops, they focuses on larger areas toward the near and middle distances) and they are more likely to avoid collisions (i.e., more likely to notice a pedestrian walking out from between parked cars or notice a truck pulling out of the driveway, etc.) Drivers are also more likely to notice signs and displays in windows, which is very appealing to merchants. All else being equal, traffic calming results in about half the number of collisions and far fewer deaths and injuries than conventionally designed streets. Furthermore, the noise level and vibration levels will drop, which is also appealing, particularly in historic areas, where the buildings are older.

The overall plan for Route 50 was fairly simple. Between the towns, speed limits would be 50 miles per hour. At the edges of the towns, there would be transitions to 35 miles per hour. In the towns, the speeds would be 25 miles per hour or less and it would be self-enforced by traffic calming

measures (i.e., mainly cross-section changes with some periodic measures).

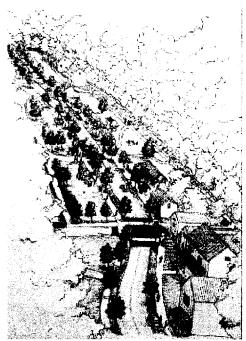


Figure 8.10: Aldie, Main Street Concept

The transect played an important design role in this process. Outside of the towns, the highway design was kept very rural, with a combination of grass and natural shoulders and pleasant vertical and horizontal curves. In the towns, the designs were urban and customized to suit the three distinct towns.



Figure 8.11: Middleburg's Main Street
Today



Figure 8.12: Middleburg's Main Street Concept

The Route 50 project, likely the largest rural traffic calming project in the United States, is in its final design phase. The project has already had plenty of attention locally and nationally. Local support came from farmers, merchants, the hospitality industries (e.g., taverns, inns, etc.), churches, and the general community. National support came from Taxpayers for Common Sense, Renew America, Scenic America, the National Trust for Historic Preservation, and others. Cities, organizations, and people in over forty states requested information about the project.

# 8.3 Highways in Larger Cities

There are many examples of highways going through larger cities. These are gaining the attention of urban designers at everincreasing levels. Similar patterns occur in large cities as are observed in small towns. Highways split cities even with expensive grade-separation efforts. The physical presence of the highway, noise, break in the urban fabric, motor vehicle-oriented ramps, associated street closures, one-way frontage roads, etc. contribute to the barrier effect.

It should come as no surprise, with our pattern recognition abilities, that cities are typically harmed along and across highway corridors. Highways violate the urban transect more than any other type of street. Highways are about limited access, high

speeds, no pedestrians, and cities are about the opposite. Consequently, it should be expected that slum, blight, and decay typically accompany highways through cities. Highways disadvantage every urban land use. Lining highways with land uses that match the highways' scale and motor vehicle-orientation is not always feasible nor desirable (i.e., big box development, industrial areas, large shopping malls, stadiums, etc.)

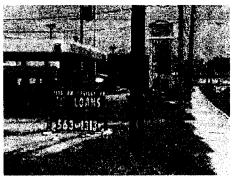


Figure 8.13: Decline along Busy Highway

There is a growing trend in cities in North America to undo highways that cut through urban areas. Some of them are done willingly, like in Portland, and some of them are courtesy of Mother Nature, as in San Francisco. But, wherever these highways are removed, good things happen because the resulting streets are more in keeping with the context and the transect.

#### 8.3.1 Mercer-Valley Pair, Seattle

A good example is coming to Seattle. The Mercer-Valley pair is located south of Lake Union. The conventional idea has always been to try and provide a highway connection along the Mercer-Valley pair connecting highways to the east and to the west. But as the corridor became more and more mobility-oriented and highway-like,

access to the area declined and a larger obstacle to the waterfront was created.

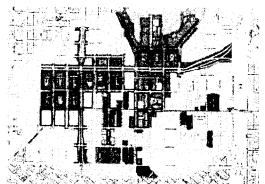


Figure 8.14: Restored Network and Boulevard Replace Highway

Glatting Jackson worked with Urban Design Associates on a plan to undo the damage to Seattle. After considering many options, the best option was to replace the highway with an at-grade boulevard and reconnect the network. The benefits were numerous. They included creating several developable blocks that were previously undevelopable because of the ramps and highway facilities. The access to the waterfront was increased and made pedestrian-friendly through the conversion of the five-lare high speed road to a two-lane, slow, access-oriented street.

The motor vehicle performance measures did well because, instead of one big road and a few intersections doing the heavy lifting, the entire network of streets and many intersections could contribute.

Reactivating the network will help the redevelopment of this dilapidated area.

Each street can be designed to be pedestrianfriendly. This part of Seattle will become more valuable, repopulated with people and businesses, safer, and better looking.

#### 8.3.2 Riverside Parkway, Chattanooga

Riverside Parkway, a limited access highway, in Chattanooga, Tennessee, cut the

city off from its waterfront. The city really wanted to connect to the water. They knew that the highway had to change in order to accommodate that goal. The Tennessee Department of Transportation refused.



Figure 8.15: Waterfront Highway cuts off City.

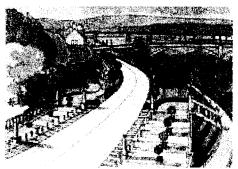


Figure 8.16: Road Diet Concept



Figure 8.17: Construction Underway

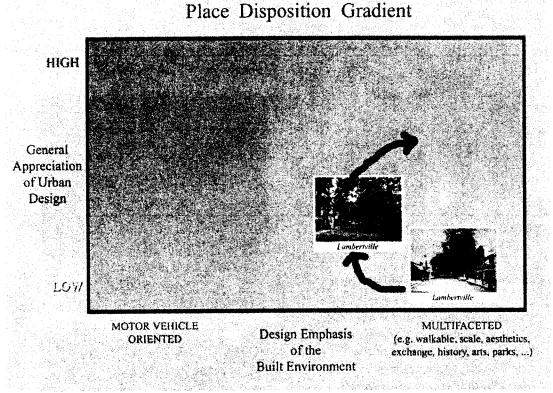


Figure 9.1: PDG for Lambertville

The city had to take over jurisdiction of the highway through political means and then rebuild it themselves. That project is under construction now. The highway which lowered property values, safety, and access for years along the waterfront is being replaced with a beautiful, connected, waterfront street. It will add value, redevelopment opportunities, and recreational opportunities.

# 9. THE PLACE DISPOSITION GRADIENT

## 9.1 Lambertville, New Jersey

To help understand this redirecting of energy and resources, the "place disposition gradient" is helpful. It allows us to understand where a city sits in terms of its design emphasis on the built environment (ranging from being motor vehicle-oriented to being multifaceted) and a city's general appreciation of urban design.

Figure 9.1 shows the place disposition gradient for Lambertville, New Jersey. The city began in the bottom, right-hand, corner of the gradient. Lambertville was built well before motor vehicles were invented so it naturally was multifaceted. It had little appreciation of urban design because that was just the way things were done then The city has a network of streets, all the buildings address the streets, houses have porches, and commercial buildings have front doors and display windows along the sidewalks, all designed to maximize exchange. Today most of the streets are still very sociable despite motor vehicles being present.

However, Lambertville did not stay completely multi-faceted. Some of the streets were altered to be highly motor vehicle-oriented. Route 29, as shown in *Figure 9.2*, was built through the city. Its design was clearly mobility-oriented, violating the context and transect for Lambertville. The highway reduced access. It was too fast and it became a barrier between one side of the city and the other side.



Figure 9.2: Highway Bisects
Lambertville

These problems were noticed by the people of Lambertville and they wanted change. Designs are now in progress at the New Jersey Department of Transportation. A rendering of one of the options being explored is shown in *Figure 9.3*. The idea of all the options being explored is to reconnect the city, increase access, increase walkability, provide on street parking, reduce motor vehicle speeds, increase safety, and improve the aesthetics.

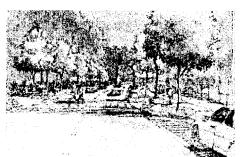


Figure 9.3: One Concept for Highway

Naturally, discussions with the community on the design will be ongoing to ensure that it meets their needs. Similar road diet efforts are underway on Lambertville's Main Street, another street under state jurisdiction which, years ago, was sped up and altered in violation of the context

With regard to the non-state roads, which are the non-framework streets in Lambertville, the people were concerned about poor driver behavior which detracted from their quality of life and their feeling of safety on the streets. Through a grant from the Robert Wood Johnson Foundation, the city prepared and adopted a traffic calming plan, which is shown in *Figure 9.4*. It is currently in the early design phases. The traffic calming measures will be constructed over the next couple of years which should greatly enhance the pedestrian environment and the quality of life in Lambertville.

Developing a traffic calming plan of this magnitude required a great deal of public participation. Several walkabouts in the neighborhoods were conducted to find out what the issues were and how to solve them Several general public meetings were held as well. Public consultation will continue through the design and implementation phases to ensure that people's goals and objectives are met to the greatest extent possible.

Notice that all of the measures proposed affect behavior and not driver routing. The city has learned the importance of network and connectivity and does not want to diminish this through any route modification measures. Through Lambertville's planning work on their framework and non-framework streets, their appreciation of urban design has grown.

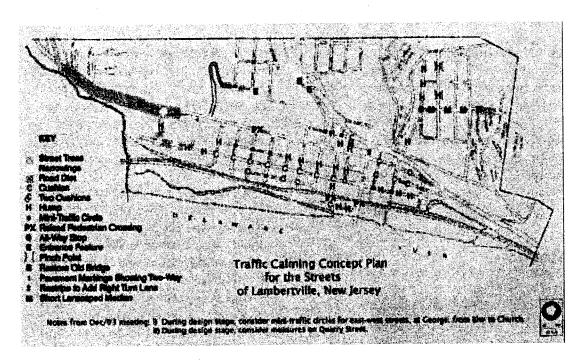


Figure 9.4: Lambertville's Traffic Calming Plan

On the place disposition gradient, the city had become more motor vehicle-oriented with the widenings, which would pull them to the left, but their appreciation of urban design has grown, so they will move up as well. Once the projects are built, the design emphasis of Lambertville's built environment will once again become more multi-faceted. At the same time, the general appreciation of urban design will grow some more, pushing the city upwards and to the right on the place disposition gradient. These changes on the place disposition gradient are outlined with the red lines in Figure 9.1.

#### 9.2 Other Cities

Figure 9.5 shows that any city can be placed on the place disposition gradient. Copenhagen, for example, would be placed near the top right-hand corner. However, it

did not just accidentally develop with a great appreciation of urban design and being a multi-faceted city. It went through an automobile era and it had to learn about urban design and work hard to become multi-faceted again, shown by the blue line in Figure 9.5.

Minneapolis is a very motor vehicleoriented city with a fair appreciation of urban design. The trajectory with the city's Lake Street and I-35W projects indicates that they may well become even more motor vehicle-oriented in the future, continuing the direction of the brown line in *Figure 9.5*. Hopefully, the people there, who do appreciate urban design, will reshape those projects and cause the city to become more multi-faceted.

Every city can be put on the gradient (e.g., Los Angeles, Columbus, Orlando, Boston). Plus, each city got to its current location on the gradient for its own reasons. Each city

# Place Disposition Gradient HIGH General Appreciation of Urban Design 1GHin Ingeles MULTIFACETED MOTOR VEHICLE Design Emphasis

of the

Built Environment

Figure 9.5: PDG for Various Cities

ORIENTED

can also change its location depending on its public policies and projects. For example, Los Angeles is in the bottom, left, corner of the gradient. They are learning about urban design and will likely shift upwards and to the right over time.

# 9.3 The Gradient and Determining What is Important

An understanding of the place disposition gradient allows us to discuss the importance of conventional transportation values, like those found in the Highway Capacity Manual. In a place that has a low appreciation of urban design, the values in the Highway Capacity Manual will have a lot of importance.

Cities with a high appreciation of urban design will give conventional values little weight. A city, whose appreciation of urban design falls somewhere between high and low on the gradient, would give conventional values varying degrees of importance.

(e.g. walkable, scale, aesthetics,

exchange, history, arts, parks. ...)

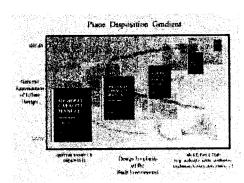


Figure 9.6: Importance of Conventional Values in Different Places

Imagine if there were a City Capacity Manual that outlined, in great detail, how to define and ensure the success of every facet of healthy urban design. The manual would solve any urban design puzzle with easy-to-use formulas and an optional software program. Such a book would have a great deal of importance in cities towards the top of the gradient. It would have very little weight at the bottom, and have varying degrees of importance in between.

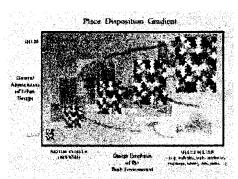


Figure 9.7: Importance of Other
Facets of Urban Design
in Different Places

## 10. CONCLUSION

The design emphasis of the built environment and the appreciation of urban design is just another way of looking at context. It divides the context into two parts: the physical context and the context of the people, their culture and their goals and objectives. One of the problems with conventional transportation engineering thinking is that every place is treated the same and that the motor vehicle-oriented values are paramount. With our powers of pattern recognition, we can see the damage this has done to multi-faceted places over time. We can also see multi-faceted places that did not succumb to conventional transportation thinking.

With a good understanding of the place disposition gradient, city policy makers and professionals can determine how much weight they want to assign to the various competing interests. The gradient can help them make good choices about repositioning parts of their city or their whole city on the gradient.

In most cities where Glatting Jackson works, the desire is to both increase the appreciation of urban design and push the design emphasis towards the multi-faceted end of the scale. However, there are some places that seem to be resigned to stay motor vehicle-oriented. That choice will be increasingly difficult to sustain as the limiting factors grow.

Most people in the United States live in cities. The health of these people and the health of the cities are related. The patterns about healthy cities are clear. Cities can be motor vehicle-oriented or they can be healthy. They can be some what motor vehicle-oriented and somewhat healthy. But, they cannot be motor vehicle-oriented and healthy.

We shape our cities and then they shape us. There are good examples of cities, projects and methods to learn from and apply. It is simply a matter of choosing what shape we want our cities to be in, getting everyone involved to pull in that direction, and then sustaining the effort.

