

## Proposed CWB Five Year Road Plan July 2005

Chart #1

Roads	2005 Crystal Drive	2006 West Holiday Lane	2007 East Holiday Lane	2008 Roberts Drive	2009 Sylvia Drive
<b>Expenses:</b>	(completed)	(estimate)	(estimate)	(estimate)	(estimate)
LA Contracting (Limerock)	\$ 1,200.00	\$ 1,760.00	\$ 1,760.00	\$ 1,760.00	\$ 1,760.00
LeHigh (Sand and Gravel)	\$ 938.01	\$ -	\$ -	\$ -	\$ -
Customs Fees	\$ 25.00	\$ 25.00	\$ 25.00	\$ 25.00	\$ 25.00
Compactor and Road Base	\$ 104.39	\$ 105.00	\$ 105.00	\$ 105.00	\$ 105.00
Dust Suppressant (6 bags to be spread on all roads)	\$ 109.59	\$ 110.00	\$ 110.00	\$ 110.00	\$ 110.00
Dust Suppressant equipment	\$ 23.96	(previously purchased)	(previously purchased)	(previously purchased)	(previously purchased)
Dust Suppressant (trial 1 bag)	\$ 40.76	N/A	N/A	N/A	N/A
<b>Total Expenses</b>	<b>\$ 2,441.71</b>	<b>\$ 2,000.00</b>	<b>\$ 2,000.00</b>	<b>\$ 2,000.00</b>	<b>\$ 2,000.00</b>

- \* In May 2005 Crystal Drive road surface was upgraded with 4.3" of Sand and Gravel from LeHigh Cement Company, and 2.2" of Limerock purchased from LA Contracting.  
 \* From Chart #1 above, we spent approximately \$2,500.00 to upgrade this short segment of road.  
 \* Chart #1 shows the price estimates to complete the upgrade of Holiday Lane in 2006/2007, Roberts Drive in 2008, and Sylvia Drive in 2009.

## Proposed 5 year plan for Maintenance on Common Property

Maintenance on Common Property for the last 15 year 1990 - 2005	actual average amounts for the last 15 years	Future
<b>Expenses:</b>		
Maintenance and repairs - drains	\$ 768.87	\$ 200.00
Maintenance and repairs - roads	\$ 253.60	\$ 200.00
<b>Engineering fees</b>	\$ 203.26	
Backhoe	\$ 283.72	\$ 50.00
Materials and supplies	\$ 1,006.17	\$ -
Maintenance and repairs - raft	\$ 42.80	\$ 50.00
<b>Maintenance of common area</b>	\$ -	\$ -
Chipping	\$ 54.34	\$ 50.00
Pruning	\$ 133.62	\$ 50.00
Signs	\$ 93.14	\$ -
Stairs	\$ 436.12	\$ 200.00
Fences	\$ 6.00	\$ -
Benches	\$ 27.28	\$ -
Web Site	\$ 91.45	\$ 130.00
<b>Total Expenses</b>	<b>\$ 3,400.37</b>	<b>\$ 930.00</b>

## Financial Figures on Maintenance of the Common Property from 1990 - 2005

Maintenance on Common Property for the last 15 year 1990 - 2005	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Total	Expenses per year
Expenses:																		Total/15
Maintenance and repairs - drains	\$ 1,990.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 99.38	\$ 59.50	\$ 107.47		\$ 314.18	\$ 240.35			\$ 8,699.54	\$ 22.60	\$ 11,533.02	\$ 768.87
Maintenance and repairs - roads	-	551.48						\$ 66.53		\$ 115.61	\$ 349.46				\$ 453.46	\$ 2,267.40	\$ 3,803.94	\$ 253.60
<b>Engineering fees</b>									\$ 3,048.91								\$ 3,048.91	\$ 203.26
Backhoe									\$ 1,126.28	\$ 2,473.95	\$ 655.58						\$ 4,255.81	\$ 283.72
Materials and supplies									\$ 6,309.91	\$ 5,764.22	\$ 2,868.02				\$ 150.35		\$ 15,092.50	\$ 1,006.17
Maintenance and repairs - raft	\$ 153.00	\$ -	\$ -	\$ -	\$ -	\$ 128.85					\$ 360.16						\$ 642.01	\$ 42.80
<b>Maintenance of common area</b>																	\$ -	\$ -
Chipping														\$ 384.00		\$ 431.12	\$ 815.12	\$ 54.34
Pruning	\$ 925.00														\$ 1,079.30		\$ 2,004.30	\$ 133.62
Signs	\$ -	\$ -	\$ 73.00	\$ -	\$ 478.80										\$ 437.76	\$ 407.56	\$ 1,397.12	\$ 93.14
Stairs	\$ -	\$ 717.93	\$ -	\$ 228.41	\$ 1,488.88		\$ 3,938.76		\$ 167.83								\$ 6,541.81	\$ 436.12
Fences	\$ -	\$ -	\$ -	\$ -	\$ 90.00												\$ 90.00	\$ 6.00
Benches																\$ 409.23	\$ 409.23	\$ 27.28
Web Site															\$ 1,273.80	\$ 97.99	\$ 1,371.79	\$ 91.45
<b>Total Expenses</b>	<b>\$3,068.00</b>	<b>\$1,269.41</b>	<b>\$ 73.00</b>	<b>\$228.41</b>	<b>\$2,057.68</b>	<b>\$128.85</b>	<b>\$4,038.14</b>	<b>\$126.03</b>	<b>\$10,760.40</b>	<b>\$8,353.78</b>	<b>\$4,547.40</b>	<b>\$240.35</b>	<b>\$ -</b>	<b>\$384.00</b>	<b>\$11,943.86</b>	<b>\$3,786.25</b>	<b>\$51,005.56</b>	<b>\$ 3,400.37</b>

This figures are obtained from the Financial Statements for the past 15 years. 1990 - 2005

## Figures for Crystal Drive Road improvement and estimates for Sylvania, Roberts, and Holiday Lane.

Note: figures are rounded in the following tables

Chart #2

Determination of the area of each lane segment					LeHigh Cement and Gravel - Sand & Gravel						
LeHigh (Sand and Gravel)	Length ft	Width ft	Area ft <sup>2</sup>	Area M <sup>2</sup>	Cubic Meters	Depth in inches	\$/tonnes	# of tonnes used	Enviro fee	Hauling	Total Cost
Crystal	295	12	3,540	329	35.97	4.3	\$ 12.00	54.22	\$ 16.27	\$ 271.11	\$ 938.02
Robert	334	12	4,008	372							
Sylvia	257	12	3,084	286							
Holiday	692	12	8,304	771							
	<b>1578</b>		<b>18,936</b>	<b>1,758</b>							<b>\$ 938.02</b>

Chart #3

Determination of the area of each lane segment					LA Contracting - Limerock						
Roads	Length ft	Width ft	Area ft <sup>2</sup>	Area M <sup>2</sup>	Cubic Meters	Depth in inches	Est. \$/tonnes	# of tonnes	Enviro fee	Est. Hauling per ton	Total Cost
										\$ 7.54	
Crystal	295	12	3,540	329	18.40	2.2	\$ 43.48	27.60	\$ -	\$ -	\$ 1,200.05
Robert	334	12	4,008	372	18.90	2	\$ 43.48	28.35	\$ 25.00	\$ 142.51	\$ 1,400.16
Sylvia	257	12	3,084	286	14.53	2	\$ 43.48	21.80	\$ 25.00	\$ 109.56	\$ 1,082.20
Holiday	692	12	8,304	771	39.17	2	\$ 43.48	58.76	\$ 25.00	\$ 295.34	\$ 2,875.01
	<b>1578</b>		<b>18,936</b>	<b>1,758</b>					\$ -	\$ -	<b>\$ 6,557.42</b>

Chart #4

Amounts for various thicknesses of road cover on Crystal Beach Drive			
Inches	meters	area	amounts
		in m <sup>2</sup>	in m <sup>3</sup>
1	0.0254	329	8.36
2	0.0508	329	16.71
2.2	0.05588	329	18.38
2.3	0.05842	329	19.22
3	0.0762	329	25.07
4	0.1016	329	33.43
4.3	0.10922	329	35.93
5	0.127	329	41.78
6	0.1524	329	50.14

Chart #5

Amounts for various thicknesses of road cover on Holiday Lane			
Inches	meters	area	amounts
		in m <sup>2</sup>	in m <sup>3</sup>
1	0.0254	771	19.58
2	0.0508	771	39.17
		-	
2.3	0.05842	771	45.04
3	0.0762	771	58.75
4	0.1016	771	78.33
4.3	0.10922	771	84.21
5	0.127	771	97.92
6	0.1524	771	117.50

Chart #6

Amounts for various thicknesses of road cover on Roberts Drive			
Inches	meters	area	amounts
		in m <sup>2</sup>	in m <sup>3</sup>
1	0.0254	372	9.45
2	0.0508	372	18.90
2.3	0.05842	372	21.73
3	0.0762	372	28.35
4	0.1016	372	37.80
4.3	0.10922	372	40.63
5	0.127	372	47.24
6	0.1524	372	56.69

Chart #7

Amounts for various thicknesses of road cover on Sylvania Drive			
Inches	meters	area	amounts
		in m <sup>2</sup>	in m <sup>3</sup>
1	0.0254	286	7.26
2	0.0508	286	14.53
2.3	0.05842	286	16.71
3	0.0762	286	21.79
4	0.1016	286	29.06
4.3	0.10922	286	31.24
5	0.127	286	36.32
6	0.1524	286	43.59