

## MEMORANDUM

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To: Robert Kosin, VBH Director of Administration  
Patty Meroni, VBH Chairman Roads & Bridges

From: Daniel J. Strahan, P.E., CFM  
Gewalt Hamilton Associates

Date: February 20, 2015

Re: Multi-Year Road Program

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At the January 2015 Village Board meeting, the Board discussed the 2014 Pavement Condition Study. The study had included two options to consider for a five-year plan to approach the roadway improvements, covering the years 2015-2019. After discussion regarding the length and approach of the proposed road program at the January meeting, the Board requested the presentation of additional options to consider at the February meeting.

We have included for the Board packet six options for consideration of the Board, which were developed based on the two options initially presented for a five-year road program. Options 1A, 1B, and 1C each target 3.2 miles of resurfacing per year over a period of 5-years, 7-years, and 10-years, respectively. Options 2A, 2B, and 2C include an accelerated resurfacing approach to eliminate approximately 4.5 miles of "backlog" due to deferred maintenance over the last several years, again using plan durations of 5-years, 7-years, and 10-years respectively. The following is noted as the board considers the various plan options:

- **Jurisdiction-** There is often confusion regarding which roads located within Barrington Hills are maintained by the Village. A list of every road within the Village is attached for reference noting the various jurisdictions involved. The plans have been prepared based on the 39 miles of road maintained by Barrington Hills, and do not include those roads maintained by IDOT, the counties, or privately maintained roads.
- **Approach-** As noted, we have suggested two potential resurfacing approaches: (1) Resurface an average of 3.2 miles of roadway per year to maintain current overall pavement conditions, and (2) Pursue an accelerated approach to improve overall pavement conditions. Preliminary budget amounts are shown for each option, both in 2015 dollars and adjusted for inflation. For reference the 2015 budget line item for Road Maintenance Contracts includes approximately \$986,000 for the road resurfacing program.
- **Plan Duration-** Each approach is shown carried out through a 5-year, 7-year, or 10-year time frame based on the discussion of the Board in January. As noted previously, we had recommended a 5-year plan based on our experiences having to consistently revisit and modify the final years of a 10-year plan. If a longer range plan is desired we would reiterate that it should be considered a flexible planning document, especially in the later years of the plan.

**Village of Barrington Hills  
Roadway List by Jurisdiction**

<u>Name</u>	<u>Length</u>	<u>From</u>	<u>To</u>	<u>Jurisdiction</u>	<u>County</u>
Bateman Road	3.7	Penny Road North	Lake Cook Road	County	Cook
Brinker Road	3	Lake Cook Road South	Algonquin Road	County	Cook
Donlea Road	1.4	Lake Cook Road South	Sutton Road	County	Cook
Old Sutton Road	4.25	Lake Cook Road South	N. of Penny Road	County	Cook
Otis Road	2.7	Old Sutton Road East	Dundee Avenue	County	Cook
Palatine Road	1.4	Stover Road East	Village Limits	County	Cook
Penny Road	2.4	Old Sutton Road West	Village Limits	County	Cook
<b>TOTAL:</b>		<b>18.9</b>			

<u>Name</u>	<u>Length</u>	<u>From</u>	<u>To</u>	<u>Jurisdiction</u>	<u>County</u>
Algonquin Road (62)	5.2	Village Limits West	Elgin Road (25)	State	Cook, Kane
Barrington Road	0.25	Village Limits South	Palatine Road	State	Kane
Dundee Road	5.5	Barrington Road West	Village Limits	State	Cook
Elgin Road (25)*	0.8	Algonquin Road (62) South	Bolz Road	State	Cook
Hawthorne/New Sutton Road (59)	2.5	Dundee Lane South	Village Limits	State	Cook
Lake Cook Road*	5.6	Haeger's Bend Road East	Village Limits	State	Cook, Lake
<b>TOTAL:</b>		<b>19.9</b>			

*\*Note: Jurisdiction of County Line Road west of power lines and Elgin Road North of IL Rte 62 is McHenry County DOT*

<u>Name</u>	<u>Length</u>	<u>From</u>	<u>To</u>	<u>Jurisdiction</u>	<u>County</u>
Aberdeen Drive	0.2	Crabapple Road	East & West	Village	Cook
Barrington Hills Road	0.5	Donlea Road North	End	Village	Cook
Butternut Road	0.4	Donlea Road South	End	Village	Cook
Caesar Drive	0.8	Lake Cook Road South	End	Village	Cook
Country Oaks Drive	0.6	Lake Road Road North	End	Village	McHenry
Country Oaks Lane	0.3	Country Oaks Drive West	End	Village	McHenry
Crabapple Road	0.3	Donlea Road South	End	Village	Cook
Creekside Lane	1.2	Old Sutton Road East	in Cricle	Village	Cook
Cross Timbers Road	0.3	Braeburn Road East	End	Village	McHenry
Dana Lane	0.2	Caesar Drive West	End	Village	Cook
Healy Road	0.7	Penny Road	Village Limits	Village	Cook
Hickory Lane	0.2	Merri Oaks Road North	End	Village	Lake
Honeycut Road	0.2	Hills & Dales Road South	End	Village	Cook
Lake View Lane	0.4	Dundee Road (68) North	End	Village	Cook
Leeds Drive	0.2	Crabapple Road West	End	Village	Cook
Little Bend Road	0.7	Spring Lane	End	Village	McHenry
Longmeadow Court	0.1	Longmeadow Drive North	End	Village	Cook
Longmeadow Drive	0.4	Bateman Road West	Rolling Hills Drive	Village	Cook
Old Bartlett Road	0.2	Bartlett Road	Cul-de-Sac	Village	Cook
Old Dundee Road	1.4	Routes 58 & 68 South	Cul-de-Sac	Village	Cook
Rebecca Drive	0.3	Old Sutton Road West	End	Village	Cook
Rock Ridge Road	0.5	Plum Tree Road South	End	Village	McHenry
Rolling Hills Drive	0.6	Bateman Road West	Longmeadow Drive	Village	Cook
Round Barn Road	0.2	Hawley Woods Road East	End	Village	Cook
Spring Lane	1	Spring Creek Road	End	Village	McHenry
Springwood Lane	0.2	Algonquin Road (62) North	End	Village	Cook
Steeplechase Road	1.1	Lake Cook Road North	in Cricle	Village	Lake
Surrey Court	0.1	Surrey Lane West	End	Village	McHenry
Surrey Lane East	0.1	Surrey Lane West	Wagon Wheel	Village	McHenry
Surrey Lane West	0.7	Plum Tree Road North	End	Village	McHenry
Tamarack Lane	0.2	Old Sutton Road West	End	Village	Cook
Three Lakes Road	0.2	Lake Cook Road South	End	Village	Cook
Tricia Lane	0.2	Old Sutton Road East	End	Village	Cook
Wagon Wheel Lane	0.2	Surrey Lane East	Surrey Lane West	Village	McHenry
Woodcreek Road	0.5	Dundee Road (68) South	End	Village	Cook
Braeburn Road	1.3	Spring Creek Road South	Plum Tree Road	Village	McHenry
Buckley Road	0.8	Cuba Road South	Oak Knoll Road	Village	Lake
Chapel Road	1	Haeger's Bend Road East	Church Road	Village	McHenry
Church Road	0.7	Chapel Road North	River Road	Village	McHenry
Cuba Road	0.7	Merri Oaks	Plum Tree Road	Village	Lake
Dundee Lane	1	Dundee Road (68) North	Route 59	Village	Cook
Hawley Woods Road	1.1	Otis Road South	Old Dundee Road	Village	Cook
Hawthorne Lane	0.4	Route 59 North	Otis Road	Village	Cook
Healy Road	0.8	Dundee (48) Road	Penny Road	Village	Cook
Hills & Dales Road	0.8	Brinker Road East	Otis Road	Village	Cook
Meadow Hill Road	1	Lake Cook Road North	Spring Creek Road	Village	McHenry
Merri-Oaks Road	0.7	Ridge Road East	Cuba Road	Village	Lake
Oak Knoll Road	2.4	Old Hart Road West	Ridge Road	Village	Lake
Old Hart Road	0.6	Lake Cook Road North	End	Village	Lake
Spring Creek Road	3.3	Ridge Road West	Village Limits	Village	McHenry
Haeger's Bend Road	2	Lake Cook Road North	Village Limits	Village	McHenry
Helm Road	0.8	Algonquin Road (62) West	Village Limits	Village	Cook, Kane
Plum Tree Road	1.7	C & NW Railroad West	Village Limits	Village	Lake, McHenry
Ridge Road	2	Lake Cook Road North	Plum Tree Road	Village	Lake, McHenry
River Road	0.5	Haeger's Bend Road South	Village Limits	Village	McHenry
<b>TOTAL:</b>		<b>39.0</b>			

<u>Name</u>	<u>Length</u>	<u>From</u>	<u>To</u>	<u>Jurisdiction</u>	<u>County</u>
Abbey Woods Lane	0.1	Barrington Road	End	Private	Cook
Abbey Woods Drive	0.2	Abbey Woods Lane	End	Private	Cook
Acorn Lane	0.2	Merri Oaks Road South	End	Private	Lake
Alderberry Lane	0.1	Church Road East	End	Private	McHenry
Ascot Lane	0.3	Spring Creek Road North	End	Private	McHenry
Ashbury Lane	0.5	Lake Cook Road North	in Circle	Private	McHenry
Auburn Lane	0.2	Spring Creek Road South	End	Private	McHenry
Autumn Trail	0.7	Algonquin Road (62) South	in Circle	Private	Kane
Barrington Bourne	0.5	Lake Cook Road North	in Circle	Private	McHenry
Bateman Circle	0.9	Bateman Road West	in Circle	Private	Cook
Bellwood	0.5	Lake Cook Road North	in Circle	Private	Lake
Berron Lane	0.4	Bateman Road	End	Private	Cook
Bisque Drive	0.1	Paganica Drive West	End	Private	Lake
Bow Lane	0.8	Spring Creek Road South	Meadow Hill Road	Private	McHenry
Braeburn Lane	0.6	Spring Creek Road South	End	Private	McHenry
Burning Oak Trail	0.4	Braeburn Road West	in Circle	Private	McHenry
Crawling Stone Road	0.3	Deepwood Road North	End	Private	Cook
Deepwood Court	0.1	Deepwood Road West	End	Private	Cook
Deepwood Road	2	Batemen Road North	Lake Cook Road	Private	Cook
Dormy Lake	0.2	Paganica Drive East	End	Private	Lake
Dunrovin Drive	0.35	Steeplechase Road North	End	Private	Lake
Eagle Pointe Drive	0.25	Bateman Road West	End	Private	Cook
East Lane	0.1	Hawley Woods Road East	End	Private	Cook
Far Hills Road	0.5	Deepwoods Road North	in Circle	Private	Cook
Fernwood Drive	0.25	Bateman Road West	End	Private	Cook
Fox Hunt Road	0.25	Meadow Hill Road East	End	Private	Lake
Goose Lake Drive	0.6	Brinker Road West	End	Private	Cook
Hart Hills Road	0.15	Oakdene Road West	End	Private	Cook
Heron Lane	0.1	Otis Road South	End	Private	Cook
Hubbell Court	0.1	Marbury Lane East	End	Private	Cook
Jacqueline Drive	0.25	Asbury Avenue South	End	Private	McHenry
Jane Lane	0.3	Plum Tree Road North	End	Private	McHenry
Jennifer Court	0.4	Old Dundee North	End	Private	Cook
Juliano Court	0.1	Thornhill Drive	End	Private	Cook
King Road	0.3	Penny Road South	End	Private	Cook
Kresmery Lane	0.15	Plum Tree Road North	End	Private	McHenry
Magnuson Court	0.15	Pondgate Drive	End	Private	Cook
Marbury Lane	0.2	Dundee Lane East	Hubbell Court	Private	Cook
Marmon Lane	0.2	Oakdene Road West	End	Private	Cook
Mid Oaks Lane	0.1	Oak Knoll Road South	End	Private	Lake
Middlebury Road	0.2	Crawling Stone Road East	End	Private	Cook
Moate Lane	0.35	Spring Creek Road North	End	Private	McHenry
Oak Lake Drive	0.15	Merri Oaks Road South	End	Private	Lake
Oak Wood Drive	0.2	New Hart Road South	End	Private	Lake
Oakdene Drive	0.2	Oakdene Road West	End	Private	Cook
Oakdene East	0.15	Oakdene Road	End	Private	Cook
Oakdene Road	0.7	Lake Cook Road North	Windrush Lane	Private	Cook
Oakdene West	0.6	Oakdene Road	End	Private	Cook
Overlook Road	0.1	Far Hills Road East	End	Private	Cook
Paganica Drive	0.35	Oak Knoll Road North	End	Private	Lake
Peraino Circle	0.9	Peraino Drive North	In Circle	Private	Lake
Peraino Drive	0.1	Ridge Road East	Periano Circle	Private	Lake
Pheasant Drive	0.3	Ridge Road East	End	Private	Lake
Pondgate Drive	0.8	Penny Road	End	Private	Cook
Porter School Road	0.2	Buckley Road West	End	Private	Lake
Potter Lane	0.1	Dundee Road South	End	Private	Cook
Raintree Place	0.2	Church Road East	End	Private	McHenry
Regan Boulevard	0.2	Algonquin Road (62) South	End	Private	Kane
Remington Drive	0.45	Bateman Road	End	Private	Cook
Ridgescroft Lane	0.7	Meadow Hill Road East	Spring Creek Road	Private	McHenry
Roundstone Lane	0.5	Helm	End	Private	Cook
Royal Way	0.3	Algonquin Road (62) South	in Circle	Private	Kane
Rub-of-Green Lane	0.1	Bisque Drive	North & South	Private	Lake
Sandalwood Drive	0.3	Oakdene Road East	End	Private	Cook
Sara Lane	0.1	Dundee Lane East	End	Private	Cook
Saville Row	0.3	Braeburn Road East	End	Private	McHenry
Sieberts Ridge Road	0.2	Cuba Road South	End	Private	Lake
Valley Drive	0.3	Otis Road North	End	Private	Cook
Wesley Court	0.1	Pondgate Drive	End	Private	Cook
West Lane	0.1	Hawley Woods Road	End	Private	Cook
Westfield Way	0.4	Remington	End	Private	Cook
Windrush Lane	0.3	Otis Road North	End	Private	Cook
Woodhaven Lane	0.5	Meadow Hill Road West	End	Private	McHenry
Woodrock Road	0.15	Far Hills Road West	End	Private	Cook, Kane
<b>TOTAL:</b>	<b>24.5</b>				

## Proposed 2015-2019 Road Program Executive Summary

### Option 1A – Maintain Current Pavement Condition (2015-2019)

Year	Preliminary Budget (2015 dollars)*	Adjusted Preliminary Budget
<b>2015</b>	\$1,064,000	\$1,064,000
	Meadow Hill Road Haegers Bend Road Plum Tree Road Cuba Road Cuba Road Bridge (Local Share)	(Fox Hunt to Spring Creek Road) (County Line Road to Chapel Road) (Ridge Road to Village Limits) (Buckley Road to Merri Oaks Road)
<b>2016</b>	\$1,123,000	\$1,179,000
	Woodcreek Road Rebecca Drive Helm Road Healy Road Tamarack Lane Lakeview Lane Hawthorne Lane Tricia Lane VH Asphalt Parking Lots Spring Creek Road (Local Share)	(Dundee Road to End) (Old Sutton to End) (Algonquin Road to Village Limits) (Dundee Road to Penny Road) (Old Sutton Road to End) (Dundee Road to End) (Route 59 to Otis Road) (Old Sutton Road to End) W. of Haegers Bend
<b>2017</b>	\$1,162,000	\$1,281,000
	Chapel Road Church Road Haegers Bend Road River Road River/Algonquin Road	(Church Road to Haegers Bend) (Chapel Road to Algonquin Road) (Chapel Road to Algonquin Road) (W. of Haegers Bend to Village Limits) (E. of Braeburn to W. of Church)
<b>2018</b>	\$956,000	\$1,106,000
	Hickory Lane Ridge Road Merri Oaks Road Old Hart Road	(Merri Oaks Road to End) (County Line Road to Merri Oaks Road) (Ridge Road to Cuba Road) (County Line Road to End)
<b>2019</b>	\$998,000	\$1,213,000
	Spring Lane Little Bend Road Creekside Lane Springwood Lane	(Spring Creek Road to End) (Spring Lane to End) (Old Sutton Road to End) (Algonquin Road to End)
<b>Total Expenditure (2015 dollars)- \$5.3 million</b> <b>2015-2019 Mileage Resurfaced- 16.99 Miles (3.40 Miles/Year)</b> <b>Backlog Reduction- 0.99 Miles</b>		

**Option 2A – Maintain Current Pavement Condition &  
Eliminate Backlog in 5 Years (2015-2019)**

<b>Year</b>	<b>Preliminary Budget (2015 dollars)*</b>	<b>Adjusted Preliminary Budget</b>
<b>2015</b>	<b>\$1,064,000</b>	<b>\$1,064,000</b>
	<i>Meadow Hill Road</i>	<i>(Fox Hunt to Spring Creek Road)</i>
	<i>Haegers Bend Road</i>	<i>(County Line Road to Chapel Road)</i>
	<i>Plum Tree Road</i>	<i>(Ridge Road to Village Limits)</i>
	<i>Cuba Road</i>	<i>(Buckley Road to Merri Oaks Road)</i>
	<i>Cuba Road Bridge (Local Share)</i>	
<b>2016</b>	<b>\$1,325,000</b>	<b>\$1,392,000</b>
	<i>Woodcreek Road</i>	<i>(Dundee Road to End)</i>
	<i>Rebecca Drive</i>	<i>(Old Sutton to End)</i>
	<i>Helm Road</i>	<i>(Algonquin Road to Village Limits)</i>
	<i>Healy Road</i>	<i>(Dundee Road to Penny Road)</i>
	<i>Tamarack Lane</i>	<i>(Old Sutton Road to End)</i>
	<i>Church Road</i>	<i>(Chapel Road to Algonquin Road)</i>
	<i>Lakeview Lane</i>	<i>(Dundee Road to End)</i>
	<i>Hawthorne Lane</i>	<i>(Route 59 to Otis Road)</i>
	<i>Tricia Lane</i>	<i>(Old Sutton Road to End)</i>
	<i>VH Asphalt Parking Lots</i>	
	<i>Spring Creek Road (Local Share)</i>	<i>W. of Haegers Bend</i>
<b>2017</b>	<b>\$1,525,000</b>	<b>\$1,681,000</b>
	<i>Chapel Road</i>	<i>(Church Road to Haegers Bend)</i>
	<i>Hickory Lane</i>	<i>(Merri Oaks Road to End)</i>
	<i>Haegers Bend Road</i>	<i>(Chapel Road to Village Limits)</i>
	<i>Ridge Road</i>	<i>(County Line Road to Merri Oaks Road)</i>
	<i>River/Algonquin Road</i>	<i>(E. of Braeburn to W. of Church)</i>
	<i>River Road</i>	<i>(W. of Haegers Bend to Village Limits)</i>
<b>2018</b>	<b>\$1,126,000</b>	<b>\$1,303,000</b>
	<i>Spring Lane</i>	<i>(Spring Creek Road to End)</i>
	<i>Little Bend Road</i>	<i>(Spring Lane to End)</i>
	<i>Merri Oaks Road</i>	<i>(Cuba Road to Ridge Road)</i>
	<i>Old Hart Road</i>	<i>(County Line Road to End)</i>
	<i>Springwood Lane</i>	<i>(Algonquin Road to End)</i>
	<i>Healy Road</i>	<i>(Penny Road to End)</i>
<b>2019</b>	<b>\$1,163,000</b>	<b>\$1,413,000</b>
	<i>Creekside Lane</i>	<i>(Algonquin Road to End)</i>
	<i>Butternut Road</i>	<i>(Donlea Road to End)</i>
	<i>Hills &amp; Dales Road</i>	<i>(Brinker Road to Otis Road)</i>
	<i>Cuba Road</i>	<i>(Merri Oaks Road to Plum Tree Road)</i>
	<i>Honeycutt Road</i>	<i>(Hills &amp; Dales Road to End)</i>
	<i>Country Oaks Lane</i>	<i>(Country Oaks Drive to End)</i>
	<i>Country Oaks Drive</i>	<i>(County Line Road to End)</i>
<b>Total Expenditure (2015 dollars)- \$6.2 million</b> <b>2015-2019 Mileage Resurfaced- 20.36 Miles (4.07 Miles/Year)</b> <b>Backlog Reduction- 4.36 Miles</b>		

# Proposed 2015-2021 Road Program Executive Summary

## Option 1B – Maintain Current Pavement Condition (2015-2021)

Year	Preliminary Budget (2015 dollars)*	Adjusted Preliminary Budget
<b>2015</b>	\$1,072,000	\$1,072,000
	<i>Meadow Hill Road Haegers Bend Road Plum Tree Road</i>	<i>Cuba Road Cuba Road Bridge (Local Share)</i>
<b>2016</b>	\$1,123,000	\$1,179,000
	<i>Woodcreek Road Rebecca Drive Helm Road Healy Road Tamarack Lane</i>	<i>Lakeview Lane Hawthorne Lane Tricia Lane VH Asphalt Parking Lots Spring Creek Road (Local Share)</i>
<b>2017</b>	\$1,162,000	\$1,281,000
	<i>Chapel Road Church Road Haegers Bend Road</i>	<i>River Road River/Algonquin Road</i>
<b>2018</b>	\$956,000	\$1,106,000
	<i>Hickory Lane Ridge Road</i>	<i>Merri Oaks Road Old Hart Road</i>
<b>2019</b>	\$998,000	\$1,213,000
	<i>Spring Lane Little Bend Road</i>	<i>Creekside Lane Springwood Lane</i>
<b>2020</b>	\$975,000	\$1,244,000
	<i>Butternut Road Hills &amp; Dales Road Cuba Road Healy Road</i>	<i>Honeycutt Road Rolling Hills Drive Longmeadow Drive Longmeadow Court</i>
<b>2021</b>	\$962,000	\$1,290,000
	<i>Oak Knoll Road Country Oaks Lane Country Oaks Drive</i>	
<b>Total Expenditure (2015 dollars)- \$7.2 million</b> <b>2015-2021 Mileage Resurfaced- 23.72 Miles (3.39 Miles/Year)</b> <b>Backlog Reduction- 1.32 Miles</b>		

**Option 2B – Maintain Current Pavement Condition &  
Eliminate Backlog in 5 Years (2015-2021)**

<b>Year</b>	<b>Preliminary Budget (2015 dollars)*</b>	<b>Adjusted Preliminary Budget</b>
<b>2015</b>	<b>\$1,064,000</b>	<b>\$1,064,000</b>
	<i>Meadow Hill Road Haegers Bend Road Plum Tree Road</i>	<i>Cuba Road Cuba Road Bridge (Local Share)</i>
<b>2016</b>	<b>\$1,325,000</b>	<b>\$1,392,000</b>
	<i>Woodcreek Road Rebecca Drive Helm Road Healy Road Tamarack Lane Church Road Lakeview Lane</i>	<i>Hawthorne Lane Tricia Lane Church Road VH Asphalt Parking Lots  Spring Creek Road (Local Share)- West of Haegers Bend</i>
<b>2017</b>	<b>\$1,525,000</b>	<b>\$1,681,000</b>
	<i>Chapel Road Hickory Lane Haegers Bend Road</i>	<i>Ridge Road River/Algonquin Road River Road</i>
<b>2018</b>	<b>\$1,126,000</b>	<b>\$1,303,000</b>
	<i>Spring Lane Little Bend Road Merri Oaks Road</i>	<i>Old Hart Road Springwood Lane Healy Road</i>
<b>2019</b>	<b>\$1,163,000</b>	<b>\$1,413,000</b>
	<i>Creekside Lane Butternut Road Hills &amp; Dales Road Cuba Road</i>	<i>Honeycutt Road Country Oaks Lane Country Oaks Drive</i>
<b>2020</b>	<b>\$1,037,000</b>	<b>\$1,324,000</b>
	<i>Rolling Hills Drive Longmeadow Court</i>	<i>Longmeadow Drive Oak Knoll Drive</i>
<b>2021</b>	<b>\$951,000</b>	<b>\$1,275,000</b>
	<i>Surrey Lane East Surrey Lane West Surrey Court Wagon Wheel Lane</i>	<i>Rock Ridge Road Hawley Woods Road Round Barn Road Old Bartlett Road</i>
<b>Total Expenditure (2015 dollars)- \$8.19 Million</b> <b>2015-2021 Mileage Resurfaced- 27.05 Miles (3.86 Miles/Year)</b> <b>Backlog Reduction- 4.65 Miles</b>		

# Proposed 2015-2024 Road Program Executive Summary

## Option 1C – Maintain Current Pavement Condition (2015-2024)

Year	Preliminary Budget (2015 dollars)*	Adjusted Preliminary Budget
<b>2015</b>	\$1,072,000	\$1,072,000
	Meadow Hill Road Haegers Bend Road Plum Tree Road	Cuba Road Cuba Road Bridge (Local Share)
<b>2016</b>	\$1,123,000	\$1,179,000
	Woodcreek Road Rebecca Drive Helm Road Healy Road Tamarack Lane	Lakeview Lane Hawthorne Lane Tricia Lane VH Asphalt Parking Lots Spring Creek Road (Local Share)
<b>2017</b>	\$1,162,000	\$1,281,000
	Chapel Road Church Road Haegers Bend Road	River Road River/Algonquin Road
<b>2018</b>	\$956,000	\$1,106,000
	Hickory Lane Ridge Road	Merri Oaks Road Old Hart Road
<b>2019</b>	\$998,000	\$1,213,000
	Spring Lane Little Bend Road	Creekside Lane Springwood Lane
<b>2020</b>	\$975,000	\$1,244,000
	Butternut Road Hills & Dales Road Cuba Road Healy Road	Honeycutt Road Rolling Hills Drive Longmeadow Drive Longmeadow Court
<b>2021</b>	\$962,000	\$1,290,000
	Oak Knoll Road Country Oaks Lane	Country Oaks Drive
<b>2022</b>	\$851,000	\$1,197,000
	Surrey Lane East Surrey Lane West Surrey Court Wagon Wheel Lane	Rock Ridge Road Hawley Woods Road Round Barn Road
<b>2023</b>	\$1,021,000	\$1,508,000
	Old Dundee Road Village Hall Concrete Parking Lot	Braeburn Road Cross Timbers Road
<b>2024</b>	\$962,000	\$1,493,000
	Buckley Road Leeds Drive Crabapple Road Aberdeen Drive	Dundee Lane Caesar Drive Dana Lane
<b>Total Expenditure (2015 dollars)- \$10.1 million</b> <b>2015-2024 Mileage Resurfaced- 32.99 Miles (3.29 Miles/Year)</b> <b>Backlog Reduction- 0.99 Miles</b>		



**Option 2C – Maintain Current Pavement Condition &  
Eliminate Backlog in 5 Years (2015-2024)**

<b>Year</b>	<b>Preliminary Budget (2015 dollars)*</b>	<b>Adjusted Preliminary Budget</b>
<b>2015</b>	<b>\$1,064,000</b>	<b>\$1,064,000</b>
	<i>Meadow Hill Road Haegers Bend Road Plum Tree Road</i>	<i>Cuba Road Cuba Road Bridge (Local Share)</i>
<b>2016</b>	<b>\$1,325,000</b>	<b>\$1,392,000</b>
	<i>Woodcreek Road Rebecca Drive Helm Road Healy Road Tamarack Lane Church Road Lakeview Lane</i>	<i>Hawthorne Lane Tricia Lane Church Road VH Asphalt Parking Lots  Spring Creek Road (Local Share)- West of Haegers Bend</i>
<b>2017</b>	<b>\$1,525,000</b>	<b>\$1,681,000</b>
	<i>Chapel Road Hickory Lane Haegers Bend Road</i>	<i>Ridge Road River/Algonquin Road River Road</i>
<b>2018</b>	<b>\$1,126,000</b>	<b>\$1,303,000</b>
	<i>Spring Lane Little Bend Road Merri Oaks Road</i>	<i>Old Hart Road Springwood Lane Healy Road</i>
<b>2019</b>	<b>\$1,163,000</b>	<b>\$1,413,000</b>
	<i>Creekside Lane Butternut Road Hills &amp; Dales Road Cuba Road</i>	<i>Honeycutt Road Country Oaks Lane Country Oaks Drive</i>
<b>2020</b>	<b>\$1,037,000</b>	<b>\$1,324,000</b>
	<i>Rolling Hills Drive Longmeadow Court</i>	<i>Longmeadow Drive Oak Knoll Drive</i>
<b>2021</b>	<b>\$951,000</b>	<b>\$1,275,000</b>
	<i>Surrey Lane East Surrey Lane West Surrey Court Wagon Wheel Lane</i>	<i>Rock Ridge Road Hawley Woods Road Round Barn Road Old Bartlett Road</i>
<b>2022</b>	<b>\$927,000</b>	<b>\$1,304,000</b>
	<i>Old Dundee Road Village Hall Concrete Parking Lot Buckley Road</i>	<i>Leeds Drive Crabapple Road Aberdeen Road</i>
<b>2023</b>	<b>\$1,056,000</b>	<b>\$1,560,000</b>
	<i>Braeburn Road Cross Timbers Road Dundee Lane</i>	<i>Caesar Drive Dana Lane</i>
<b>2024</b>	<b>\$1,035,000</b>	<b>\$1,606,000</b>
	<i>Barrington Hills Road Spring Creek Road</i>	
<b>Total Expenditure (2015 dollars)- \$11.2 Million</b> <b>2015-2024 Mileage Resurfaced- 36.55 Miles (3.66 Miles/Year)</b> <b>Backlog Reduction- 4.55 Miles</b>		

## Summary Report by Year (Most Recent to Oldest)

Branch ID	From	To	Length	Last Major Work Date	PCI	PCI Category
MeadowhilR	Lake Cook Road	Top of Hill	2,619.00	2014	NA	New
PlumTreeRd	Cuba Road	Ridge Road	2,239.00	2014	NA	New
RidgeRd	Merri Oaks Road	Plum Tree Road	2,629.00	2014	NA	New
Stplechase	Lake Cook Road	Lake Cook Road	6,165.00	2014	NA	New
SprgCrkRd	Ridge Road	Haegers Bend Road	15,581.00	2013	91	Good
ThreeLksRd	Lake Cook Road	Terminus	1,054.00	2013	89	Good
Braeburn	Spring Creek Road	Algonquin Road	6,865.00	2012	81	Satisfactory
DanaLn	Caesar Drive	Terminus	1,020.00	2012	87	Good
DundeeLn	Dundee Road	Route 59	4,757.00	2012	84	Satisfactory
Caesar	County Line Road	End	4,269.00	2012	85	Satisfactory
Aberdeen	Terminus	Terminus	1,444.00	2011	92	Good
BarrHillRd	Donlea Road	End	2,424.00	2011	90	Good
Buckley	Oak Knoll Road	Cuba Road	3,975.00	2011	75	Satisfactory
Butternut	Donlea Road	End	1,184.00	2011	38	Very Poor
CrabappleR	Donlea Rd	Terminus	1,551.00	2011	87	Good
LeedsDr	Crabapple Road	Terminus	1,186.00	2011	83	Satisfactory
HawleyWdsR	Otis Road	Old Dundee	5,539.00	2010	58	Fair
OldBartlet	Bartlett Road	Cul-de-sac	1,083.00	2010	81	Satisfactory
OldDundeeR	Routes 59 & 68	Terminus	7,010.00	2010	67	Fair
RoundBarnR	Hawley Woods Road	Terminus	1,042.00	2010	67	Fair
RockRdgeRd	Plum Tree Road	Terminus	2,751.00	2009	71	Satisfactory
SurreyCt	Surrey Lane West	Terminus	575	2009	53	Poor
SurreyLnE	Plum Tree Road	Wagon Wheel	2,457.00	2009	74	Satisfactory
SurreyLnW	Plum Tree Lane	Wagon Wheel Lane	2,457.00	2009	50	Poor
WagonWhlLn	Surrey Lane East	Surrey Lane West	565	2009	71	Satisfactory
OakKnollRd	Ridge Road	Old Hart Road	12,738.00	2008	51	Poor
HickoryLn	Merri-Oaks	Terminus	1,260.00	2007	22	Serious
HillsDales	Brinker Road	Otis Road	4,200.00	2007	46	Poor
LongmdwCt	Longmeadow Drive	Terminus	932	2007	67	Fair
LongmdwDr	Bateman Drive	Rolling Hills Drive	1,802.00	2007	54	Poor
MerriOaksR	Cuba Road	Ridge Road	3,600.00	2007	31	Very Poor
RollingHil	Bateman Road	Longmeadow Drive	3,356.00	2007	46	Poor
CubaRd	Buckley Road	Merri Oaks Road	164	2006	30	Very Poor
HoneycuttR	Hills & Dales Road	Terminus	1,327.00	2006	57	Fair
LittleBndR	Spring Lane	Terminus	4,475.00	2006	46	Poor
RidgeRd	County Line Road	Oak Knoll Road	3,988.00	2006	28	Very Poor
SpringLn	Spring Creek Road	Terminus	5,355.00	2006	29	Very Poor
CubaRd	Merri Oaks Road	Plum Tree Road	3,475.00	2005	47	Poor
HaegersBnd	Chapel Road	Village Limits	2,409.00	2005	20	Serious
HealyRd	Penny Road	Village Limits	2,165.00	2005	49	Poor
MeadowhilR	Top of Hill	Spring Creek Rd	2,640.00	2005	32	Very Poor
Chapel	Church Road	Haeger's Bend Road	5,172.00	2005	17	Serious
PlumTreeRd	Ridge Road	Village Limits	6,877.00	2004	8	Failed

HaegersBnd	Countyline Road	Chapel Road	7,875.00	2003	9	Failed
RidgeRd	Oak Knoll Road	Merri Oaks Road	3,952.00	2003	23	Serious
River/Algo	East of Braeburn	West of Church	5,808.00	2003	21	Serious
RiverRd	West of Haeger's Bend	Village Limits	2,818.00	2003	21	Serious
Church	Chapel Road	Algonquin Road	3,874.00	2003	19	Serious
SprgCrkRd	Haegers Bend	Village Limits	1,319.00	2002	23	Serious
HelmRd	Algonquin Road	Village Limits	4,249.00	2001	15	Serious
OldHartRd	Lake Cook Road	Terminus	3,430.00	2001	34	Very Poor
HealyRd	Dundee Road	Penny Road	4,263.00	2000	19	Serious
CreeksideL	Old Sutton Rd	Terminus	6,453.00	1999	37	Very Poor
CrossTmbrs	Braeburn Road	Terminus	1,510.00	1999	71	Satisfactory
RebeccaDr	Old Sutton Road	Dead End	1,535.00	1999	14	Serious
Springwood	Algonquin Road	Terminus	1,325.00	1999	35	Very Poor
TamarackLn	Old Sutton Road	Terminus	1,081.00	1999	19	Serious
CtryOaksLn	Country Oaks Drive	End	1,893.00	1999	59	Fair
CtryOaksDr	County Line Road	End	2,477.00	1999	64	Fair
LakeViewLn	Dundee Road	Terminus	1,960.00	1998	20	Serious
HawthorneL	Route 59	Otis Rd	1,124.00	1997	22	Serious
TriciaLn	Old Sutton Road	Terminus	1,195.00	1997	25	Serious
WoodcreekR	Dundee Road	Terminus	2,494.00	1997	8	Failed
VH Asphalt	Village Hall	Village Hall	200	1996	15	Serious

**VILLAGE OF BARRINGTON HILLS**

**APPROVED BUDGET**

**FOR YEAR ENDING DECEMBER 31, 2015**

**FUND 90 ROADS AND BRIDGES FUND**

**DEPT. 00 - UNASSIGNED**

**ACCOUNT DESCRIPTION**

**FY '14**

**BUDGET**

**FY '15**

**BUDGET**

**REVENUE**

PROPERTY TAX-ROAD & BRIDGE	1,237,000.00	1,564,000.00
MISCELLANEOUS REVENUE	-	52,800.00
ROAD & BRIDGE TWN TAXES	75,000.00	85,848.00
TOTAL REVENUE	1,312,000.00	1,702,648.00

**EXPENDITURES**

ROAD MAINTENANCE CONTRACTS	560,000.00	986,846.00
SNOWPLOWING CONTRACTS	200,000.00	260,000.00
MOWING/CLEANUP CONTRACTS	40,000.00	35,000.00
SIGN PURCHASE/INSTALLATION	14,000.00	14,000.00
DRAINAGE MANAGEMENT	200,000.00	120,000.00
ENGINEERING FEES	180,000.00	180,000.00
ROAD STRIPING	30,000.00	1,000.00
EQUIPMENT MAINTENANCE	4,000.00	4,000.00
ROAD PATCHING CONTRACTS	20,000.00	15,000.00
EQUIPMENT PURCHASES	2,000.00	2,000.00
BRIDGE INSPECTIONS	12,000.00	8,000.00
CUBA ROAD BRIDGE RESTORAL EXPENSES	75,000.00	160,000.00
TOTAL EXPENDITURES	1,337,000.00	1,785,846.00

TOTAL FUND REVENUE	1,312,000.00	1,702,648.00
TOTAL FUND EXPENDITURES	1,337,000.00	1,785,846.00
FUND SURPLUS (DEFICIT)	(25,000.00)	(83,198.00)