

COMMITTEE OF THE WHOLE – JUNE 21, 2004

ROAD RESURFACING, ROAD RECONSTRUCTION AND RURAL ROADS UPGRADING PROGRAM: 2005 - 2009

Recommendation

The Commissioner of Engineering and Public Works recommends:

- 1) That the proposed five year road resurfacing, road reconstruction and rural road upgrade programs be endorsed in principle by Council;
- 2) That the Commissioner of Engineering and Public Works be authorized to engage external professional services for the preliminary engineering and design of the highest priority projects (Year 1, i.e., 2005 construction) of the proposed five year road programs in accordance with the approved 2004 Capital Budget and Forecast (Project Nos. 1484-0 and 1451-0).

Purpose

To seek Council endorsement in principle of the proposed five year (2005-2009) road programs and authorization to employ external professional engineering services for the preliminary engineering and design of the Year 1, i.e., 2005 construction projects of the proposed five year road programs.

Background - Analysis and Options

City Road System and Needs

In the Spring of 2004, the City retained TSH Engineering Consultant to review the condition of the existing roads that were previously identified with “now” and “1-5 year” needs as well as other roads that were approaching 1-5 resurfacing needs. Based on a field inspection by our consultant and staff a list was prepared with priority ratings, type of improvement recommended and an estimated cost for each road section.

As of our latest road assessment inventory completed in May 2004, approximately 60 kilometers of road were found deficient and required rehabilitation and/or reconstruction at an estimated cost of \$27.4 Million. An additional 58 kilometers requires resurfacing at an estimated cost of \$12 Million within 5 years to avoid further deterioration into the deficient category.

Current Methodology

In the report to Council on September 22, 2003, Council endorsed a Five Year Road Program (2004-2008). The adoption of this program was to deal with the increasing backlog of deteriorating roads and to provide Council with a comprehensive plan for road upgrading across the City. These programs (Road Resurfacing, Road Reconstruction and Rural Road Upgrading) were prepared and road sections are evaluated utilizing factors such as traffic volumes and condition rating of the road facility, etc. As well, consideration is given to its geographic location, (i.e. other roads that are in the vicinity and also deficient, that were constructed in the same era will be addressed).

Also, ongoing discussions take place with staff of Public Works Department regarding the conditions of existing underground services such as storm and sanitary sewers and watermains. If there is also a potential need to perform substantial repairs or replacement of underground services in the near future, then the road need in those locations will be deferred to be addressed at the same time as the underground services remediation. This approach proves to be much

more cost effective and also minimizes inconvenience to the residents due to the construction activities.

With the current level of annual funding of \$2 Million each for resurfacing and rural road upgrading, and \$5 Million for road reconstruction, the City will be able to keep up with the needs for resurfacing, reconstruction and rural road upgrades over the next 5 years. Should this level of funding not occur, we risk further deterioration of roads, a reduced level of serviceability and increased maintenance costs for our road system.

It is to be noted that these five year road programs and estimated costs are preliminary only and will be revised and updated through more detailed pre-engineering investigations and development of the Pavement Management System and Infrastructure Management System planned for implementation commencing in 2005.

In the 2004 Capital Budget, funding has been approved for the pre-engineering and detailed design of the proposed 2005 road resurfacing (Project No. 1451-0) and road reconstruction (Project 1484-0). Part of the rural road upgrade originally scheduled for 2004 will be carried forward to 2005 and as such, the design was completed under the 2004 design program. The implementation of the 2005 programs will require employment of external professional engineering services.

Conclusion

In order to keep up with the Road Needs, current funding levels should be maintained to continue to implement the five year program for road resurfacing, road reconstruction and rural road upgrading. External professional engineering services are required in 2004 to assist staff in the preliminary and detail design activities leading to tendering and construction in the 2005 season.

Attachments

1. Five Year Road Programs – Road Resurfacing
2. Five Year Road Programs – Road Reconstruction
3. Five Year Road Programs – Rural Road Upgrading

Report prepared by:

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Respectfully submitted,

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Commissioner of Engineering and Public Works

Gary P. Carroll, P. Eng.
Director of Engineering Services

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Attachment 1

| FIVE YEAR ROAD PROGRAMS - ROAD RESURFACING | | | | | | | | | |
|--|-------------------|-----------------|------------------------|--------------------------|------------|--------------|--------------|----------------|-------------------|
| ITEM NO. | ROAD NAME | PRIORITY RATING | FROM | TO | LENGTH (M) | TYPE OF ROAD | URBAN/ RURAL | ESTIMATED COST | COMMENTS |
| RS03-01 | CLARENCE ST. | 20 | LANGSTAFF RD. | 300M NORTH | 350 | COLLECTOR | URBAN | \$47,000 | 2004 CONSTRUCTION |
| RS03-02 | ABERDEEN AVE. | 39 | HIGHWAY 7 | EMBASSY DRIVE | 460 | LOCAL | URBAN | \$141,000 | 2004 CONSTRUCTION |
| RS03-03 | EMBASSY DR. | 22 | ABERDEEN AVE. | ANSLEY GROVE RD. | 550 | LOCAL | URBAN | \$176,000 | 2004 CONSTRUCTION |
| RS03-04 | EMBASSY DR. | 18 | CHICORY GATE | ABERDEEN AVE. | 300 | LOCAL | URBAN | \$109,000 | 2004 CONSTRUCTION |
| RS03-05 | CHANCELLOR DR. | 16 | ABERDEEN AVE. | ANSLEY GROVE RD. | 710 | LOCAL | URBAN | \$187,500 | 2004 CONSTRUCTION |
| RS03-06 | ALDERSON AVE. | 14 | PINE VALLEY DR. | ABERDEEN AVE. | 455 | LOCAL | URBAN | \$61,000 | 2004 CONSTRUCTION |
| RS03-07 | ABERDEEN AVE. | 13 | EMBASSY DR. | CHANCELLOR DR. | 700 | LOCAL | URBAN | \$185,000 | 2004 CONSTRUCTION |
| RS03-08 | ANDREA LANE | 12 | ASHCROFT COURT | ABERDEEN AVE. | 480 | LOCAL | URBAN | \$65,000 | 2004 CONSTRUCTION |
| RS03-09 | FIORI DR. | 12 | 0.23 KM. N. CHANCELLOR | BELVIEW AVE. | 560 | LOCAL | URBAN | \$147,000 | 2004 CONSTRUCTION |
| RS03-10 | AIRDRIE DR. | 11 | ALDERSON AVE. | EAST OF MARCO CRES. | 495 | LOCAL | URBAN | \$69,000 | 2004 CONSTRUCTION |
| RS03-11 | MISTY MEADOW DR. | 10 | ABERDEEN AVE. | ANSLEY GROVE RD. | 780 | LOCAL | URBAN | \$146,000 | 2004 CONSTRUCTION |
| RS03-12 | TORII ST. | 9 | ABERDEEN AVE. | WEST END | 850 | LOCAL | URBAN | \$153,000 | 2004 CONSTRUCTION |
| RS03-13 | AIRDRIE DR. | 9 | EAST OF MARCO CRES. | ABERDEEN AVE. | 710 | LOCAL | URBAN | \$128,000 | 2004 CONSTRUCTION |
| RS03-14 | ADRIANO CR. | 9 | FIORI DR. | FIORI DR. | 510 | LOCAL | URBAN | \$91,000 | 2004 CONSTRUCTION |
| RS03-15 | OLYMPIA GATE | 8 | NESSUS STREET | EMBASSY DRIVE | 170 | LOCAL | URBAN | \$25,000 | 2004 CONSTRUCTION |
| RS03-16 | CLOVER LEAF ST. | 8 | ABERDEEN AVE. | WEST END | 490 | LOCAL | URBAN | \$72,000 | 2004 CONSTRUCTION |
| RS03-17 | ALLISTON ROAD | 8 | ABERDEEN AVE. | AIRDRIE DRIVE | 260 | LOCAL | URBAN | \$36,000 | 2004 CONSTRUCTION |
| RS03-18 | VINEYARD CT. | 8 | ABERDEEN AVE. | WEST END | 430 | LOCAL | URBAN | \$60,000 | 2004 CONSTRUCTION |
| RS03-19 | CLOVER LEAF ST. | 8 | CHANCELLOR DR. | SOUTH END | 270 | LOCAL | URBAN | \$48,000 | 2004 CONSTRUCTION |
| RS03-20 | CHICORY GATE | 7 | EMBASSY DR. | VINEYARD CT. | 120 | LOCAL | URBAN | \$17,000 | 2004 CONSTRUCTION |
| RS03-21 | NEEDLE POINT RD. | 7 | CLOVER LEAF ST. | CLOVER LEAF ST. | 315 | LOCAL | URBAN | \$46,000 | 2004 CONSTRUCTION |
| RS03-22 | ASHBURN CRES. | 7 | AIRDRIE DR. | AIRDRIE DRIVE | 330 | LOCAL | URBAN | \$47,000 | 2004 CONSTRUCTION |
| RS03-23 | AYON CR. | 7 | ALLISTON RD. | AIRDRIE DRIVE | 260 | LOCAL | URBAN | \$35,500 | 2004 CONSTRUCTION |
| RS03-24 | GRANITE ST. | 6 | ABERDEEN AVE. | VINEYARD CT. | 300 | LOCAL | URBAN | \$43,000 | 2004 CONSTRUCTION |
| RS03-25 | ASHCROFT CT. | 6 | ABERDEEN AVE. | SOUTH END | 210 | LOCAL | URBAN | \$30,900 | 2004 CONSTRUCTION |
| RS03-26 | WHITETAIL CT. | 5 | NESSUS STREET | SOUTH END | 75 | LOCAL | URBAN | \$11,000 | 2004 CONSTRUCTION |
| RS03-27 | WIGWAGS DR. | 18 | KANATA CT. | BENJAMIN DR. WEST LEG | 280 | LOCAL | URBAN | \$60,000 | 2005 CONSTRUCTION |
| RS03-28 | FREDRICK STREET | 16 | WIGWAGS DR. | RIVERVIEW AVE. | 280 | LOCAL | URBAN | \$71,000 | 2005 CONSTRUCTION |
| RS03-29 | QUEEN POST RD. | 15 | VILLA PARK DR. | WEST END | 200 | LOCAL | URBAN | \$49,000 | 2005 CONSTRUCTION |
| RS03-30 | RIVERVIEW AVE. | 15 | FREDRICK ST. | JULES AVE. | 670 | LOCAL | URBAN | \$171,950 | 2005 CONSTRUCTION |
| RS03-31 | JULES AVE. | 14 | JEANNE DR. | JEANNE DR. | 500 | LOCAL | URBAN | \$124,000 | 2005 CONSTRUCTION |
| RS03-32 | JEANNE DR. | 14 | VILLA PARK DR. | WILLIS RD. | 520 | LOCAL | URBAN | \$129,000 | 2005 CONSTRUCTION |
| RS03-33 | BRUCE ST. | 14 | HWY. 7 | SOUTH END | 390 | LOCAL | URBAN | \$56,500 | 2005 CONSTRUCTION |
| RS03-34 | WIGWAGS DR. | 19 | BENJAMIN DR. WEST LEG | HIGHWAY 7 | 450 | LOCAL | URBAN | \$89,000 | 2005 CONSTRUCTION |
| RS03-35 | WIDWAGS DR. | 12 | MONGSHEEN DR. | 0.19 KM. E. OF MONGSHEEN | 191 | LOCAL | URBAN | \$16,000 | 2005 CONSTRUCTION |
| RS03-36 | WHIFFLETREE CT. | 11 | VILLA PARK DR. | WEST END | 75 | LOCAL | URBAN | \$18,000 | 2005 CONSTRUCTION |
| RS03-37 | POWELL LANE | 10 | ISLINGTON AVE. | EAST END | 520 | LOCAL | URBAN | \$98,000 | 2005 CONSTRUCTION |
| RS03-38 | SYLVADENE PARKWAY | 10 | FREDRICK ST. | 0.15 KM. EAST | 150 | LOCAL | URBAN | \$27,000 | 2005 CONSTRUCTION |

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|--|--------------------|-----------------|---------------------------|-------------------------------|------------|--------------|--------------|----------------|-------------------|
| ITEM NO. | ROAD NAME | PRIORITY RATING | FROM | TO | LENGTH (M) | TYPE OF ROAD | URBAN/ RURAL | ESTIMATED COST | COMMENTS |
| RS03-39 | VILLA PARK DR. | 10 | PINE VALLEY DR. | 485M NORTH | 485 | LOCAL | URBAN | \$89,000 | 2006 CONSTRUCTION |
| RS03-40 | HELEN ST. | 9 | BRUCE ST. | HIGHWAY 7 | 679 | LOCAL | URBAN | \$124,000 | 2005 CONSTRUCTION |
| RS03-41 | FRANCIS ST. | 8 | SYLVANEZ PARKWAY | RIVERVIEW AVE. | 255 | LOCAL | URBAN | \$50,000 | 2005 CONSTRUCTION |
| RS03-42 | MOCCASIN TRAIL | 8 | WIGWOSS DR. | NORTH END | 190 | LOCAL | URBAN | \$34,000 | 2005 CONSTRUCTION |
| RS03-43 | KANATA CT. | 7 | WIGWOSS DR. | NORTH END | 105 | LOCAL | URBAN | \$18,000 | 2005 CONSTRUCTION |
| RS03-44 | BENJAMIN DR. | 7 | WIGWOSS DR. | WIGWOSS DR. | 379 | LOCAL | URBAN | \$95,000 | 2005 CONSTRUCTION |
| RS03-45 | YELLOW PINE CR. | 7 | VILLA PARK DR. | EAST END | 278 | LOCAL | URBAN | \$48,000 | 2005 CONSTRUCTION |
| RS03-46 | WIGWOSS CT. | 6 | WIGWOSS DR. | NORTH END | 60 | LOCAL | URBAN | \$11,000 | 2005 CONSTRUCTION |
| RS03-47 | IVY PLACE | 6 | QUEEN POST ROAD | EAST END | 40 | LOCAL | URBAN | \$5,000 | 2005 CONSTRUCTION |
| RS03-48 | VIROOM CT. | 6 | RIVERVIEW AVE | EAST END | 113 | LOCAL | URBAN | \$19,000 | 2005 CONSTRUCTION |
| RS03-49 | HIGHNESS CT. | 5 | HELEN ST. | EAST END | 32 | LOCAL | URBAN | \$5,000 | 2005 CONSTRUCTION |
| RS03-50 | MAJESTY CT. | 4 | HELEN ST. | SOUTH END | 38 | LOCAL | URBAN | \$5,000 | 2005 CONSTRUCTION |
| RS03-51 | FOREST CIRCLE CT. | 9 | WINGWOOD DR. | SOUTH END | 92 | LOCAL | URBAN | \$22,000 | 2005 CONSTRUCTION |
| RS03-52 | ALBION-VAUGHAN RD. | 37 | 0.9KM. N. OF HWY. 59 | KIRBY RD. | 250 | ARTERIAL | RURAL | \$9,000 | 2006 CONSTRUCTION |
| RS03-53 | EDGELEY BLVD. | 37 | APPLEWOOD CRES. | 9.19KM. NORTH OF COLVIN CRES. | 670 | INDUSTRIAL | URBAN | \$175,000 | 2006 CONSTRUCTION |
| RS03-54 | MULLEN DR. | 27 | NEW WESTMINSTER DR. | COLVIN CRES. | 360 | LOCAL | URBAN | \$113,000 | 2006 CONSTRUCTION |
| RS03-55 | YORK HILL BLVD. | 25 | HILDA AVE. | CLARKE AVE W. | 840 | LOCAL | URBAN | \$182,000 | 2006 CONSTRUCTION |
| RS03-56 | CAMPBELL AVE | 19 | REJANE CRES | ARNOLD AVE | 405 | LOCAL | URBAN | \$72,000 | 2006 CONSTRUCTION |
| RS03-57 | CAMPBELL AVE | 11 | ARNOLD AVE. | SOUTH END | 110 | LOCAL | URBAN | \$9,000 | 2006 CONSTRUCTION |
| RS03-58 | YORK HILL BLVD. | 19 | LISA CRES. | THEODORE PL. | 609 | LOCAL | URBAN | \$132,000 | 2006 CONSTRUCTION |
| RS03-59 | CONLEY ST. | 18 | STEELES AVE. | NEW WESTMINSTER | 670 | LOCAL | URBAN | \$211,000 | 2006 CONSTRUCTION |
| RS03-60 | CONLEY ST. | 11 | W. OF THURMAN RD. | NEW WESTMINSTER | 270 | LOCAL | URBAN | \$59,000 | 2006 CONSTRUCTION |
| RS03-61 | PINEWOOD DR. | 10 | POWELL RD. | HILDA AVE | 400 | LOCAL | URBAN | \$89,000 | 2006 CONSTRUCTION |
| RS03-62 | ESTHER CRES. | 10 | NORTH MEADOW CR. | YORK HILL BLVD. | 545 | LOCAL | URBAN | \$136,000 | 2006 CONSTRUCTION |
| RS03-63 | MULLEN DR. | 18 | COLVIN CR. | MCWORMAN CR. | 600 | LOCAL | URBAN | \$284,000 | 2006 CONSTRUCTION |
| RS03-64 | DONNA MAE CRES | 15 | CENTRE ST. | SOUTH END | 300 | LOCAL | RURAL | \$24,000 | 2006 CONSTRUCTION |
| RS03-65 | NETHERFORD RD. | 15 | MAJOR MACKENZIE DR. | NAYLON ST. | 260 | LOCAL | URBAN | \$93,000 | 2006 CONSTRUCTION |
| RS03-66 | MERINO RD. | 14 | KEELE ST. | RYDER RD. | 100 | LOCAL | URBAN | \$18,000 | 2006 CONSTRUCTION |
| RS03-67 | MILNER GATE | 13 | MULLEN DR. | BATHURST ST. | 220 | LOCAL | URBAN | \$49,000 | 2006 CONSTRUCTION |
| RS03-68 | JOANNA CR. | 12 | YORK HILL BLVD. | CLARK AVE. WEST | 550 | LOCAL | URBAN | \$98,000 | 2006 CONSTRUCTION |
| RS03-69 | THORNBURY CIRCLE | 12 | SPRING GATE BLVD. | SPRING GATE BLVD. | 340 | LOCAL | URBAN | \$65,000 | 2006 CONSTRUCTION |
| RS03-70 | PLANCHETT RD. | 12 | LANGSTAFF RD. | NORTH END | 430 | INDUSTRIAL | URBAN | \$91,000 | 2006 CONSTRUCTION |
| RS03-71 | PLANCHETT RD. | 12 | LANGSTAFF RD. | NORTH END | 433 | INDUSTRIAL | URBAN | \$91,000 | 2006 CONSTRUCTION |
| RS03-72 | GLAMORE CRES. | 11 | MULLEN DR. | MULLEN DR. | 340 | LOCAL | URBAN | \$45,000 | 2006 CONSTRUCTION |
| RS03-73 | CAMPBELL AVE. | 10 | ATRINSON AVE | REJANE CT. | 360 | LOCAL | URBAN | \$42,000 | 2006 CONSTRUCTION |
| RS03-74 | BASALTIC RD. | 10 | PLANCHETT RD. | 0.47M NORTH WEST LIMIT | 470 | INDUSTRIAL | URBAN | \$88,000 | 2006 CONSTRUCTION |
| RS03-75 | RICHMOND ST. | 10 | MAJOR MACKENZIE DR. | WEST LIMIT | 100 | LOCAL | URBAN | \$28,000 | 2006 CONSTRUCTION |
| RS03-76 | TANGREEN CIRCLE | 6 | SPRING GATE BLVD. | SPRING GATE BLVD. | 360 | LOCAL | URBAN | \$87,000 | 2006 CONSTRUCTION |
| RS03-77 | MARTA PLACE | 6 | GLEN SHIELDS AVE. | GLEN SHIELDS AVE. | 410 | LOCAL | URBAN | \$74,000 | 2006 CONSTRUCTION |
| RS03-78 | CALVIN CHAMBERS | 6 | 133M W. OF CLARKHAVEN ST. | WEST END | 170 | LOCAL | URBAN | \$31,000 | 2006 CONSTRUCTION |

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| FIVE YEAR ROAD PROGRAMS - ROAD RESURFACING | | | | | | | | | | |
|--|---------------------|-----------------|-----------------------|------------------------|------------|--------------|--------------|----------------|-------------------|--|
| ITEM NO. | ROAD NAME | PRIORITY RATING | FROM | TO | LENGTH (M) | TYPE OF ROAD | URBAN/ RURAL | ESTIMATED COST | COMMENTS | |
| RS03-79 | REJANE CRES. | 7 | CAMPBELL AVE. | CAMPBELL AVE. | 370 | LOCAL | URBAN | \$66,000 | 2006 CONSTRUCTION | |
| RS03-80 | QUAIL RUN BLVD | 26 | TESTON RD. | 470M NORTH | 470 | LOCAL | URBAN | \$190,000 | 2007 CONSTRUCTION | |
| RS03-81 | PHILLIPS LANE | 21 | WESTON RD. | EAST END | 760 | LOCAL | URBAN | \$199,000 | 2007 CONSTRUCTION | |
| RS03-82 | RODINEA RD. | 17 | TESTON RD. | SOUTH END | 396 | INDUSTRIAL | URBAN | \$104,000 | 2007 CONSTRUCTION | |
| RS03-83 | RACHELLE CT. | 14 | STEPHANE BLVD. | SOUTH END | 300 | LOCAL | RURAL | \$62,000 | 2007 CONSTRUCTION | |
| RS03-84 | STEPHANE BLVD. | 13 | KIRBY RD. | KIRBY RD. | 1,560 | LOCAL | RURAL | \$132,000 | 2007CONSTRUCTION | |
| RS03-85 | RIMWOOD CIRCLE | 12 | PHILLIPS LANE | NORTH END | 40 | LOCAL | URBAN | \$7,000 | 2007 CONSTRUCTION | |
| RS03-86 | RUSHWORTH CRES. | 12 | SLINGTON AVE. | NORTH END | 594 | LOCAL | RURAL | \$55,000 | 2007 CONSTRUCTION | |
| RS03-87 | GREENBROOKE DR. | 12 | WESTON RD. | WEST END | 1,000 | LOCAL | RURAL | \$54,000 | 2007 CONSTRUCTION | |
| RS03-88 | QUAIL RUN BLVD. | 12 | 470M N. OF TESTON RD. | NORTH END | 340 | LOCAL | URBAN | \$85,000 | 2007 CONSTRUCTION | |
| RS03-89 | WOODLAND ACRES | 12 | BATHURST ST. | NORTH END | 2,300 | LOCAL | URBAN | \$427,000 | 2007 CONSTRUCTION | |
| RS03-90 | CARDISH ST. | 11 | ART DRIVE | RUSHWORTH CRES. | 381 | LOCAL | RURAL | \$25,000 | 2007 CONSTRUCTION | |
| RS03-91 | MALMO CT. | 11 | RODINEA RD. | WEST END | 244 | INDUSTRIAL | RURAL | \$35,000 | 2007 CONSTRUCTION | |
| RS03-92 | ART DR. | 9 | RUSHWORTH CRES. | NORTH END | 84 | LOCAL | RURAL | \$4,000 | 2007 CONSTRUCTION | |
| RS03-93 | DALEVIEW CT. | 9 | PENNON RD. | NORTH END | 100 | LOCAL | RURAL | \$7,500 | 2007 CONSTRUCTION | |
| RS03-94 | PUTTING GREEN CRES. | 9 | COLDSRING RD. | COLDSRING RD. | 305 | LOCAL | RURAL | \$19,000 | 2007 CONSTRUCTION | |
| RS03-95 | LEE ANNE CT. | 8 | PHILLIPS LANE | SOUTH END | 85 | LOCAL | URBAN | \$14,000 | 2007 CONSTRUCTION | |
| RS03-96 | REBECCA CT. | 7 | WOODLAND ACRES | HONEY LOCUST CT. | 500 | LOCAL | URBAN | \$109,000 | 2007 CONSTRUCTION | |
| RS03-97 | SONYA COURT | 6 | PHILLIPS LANE | SOUTH END | 100 | LOCAL | URBAN | \$17,000 | 2007 CONSTRUCTION | |
| RS03-98 | MACAMO CT. | 6 | WOODLAND ACRES | EAST END | 330 | LOCAL | URBAN | \$52,000 | 2007 CONSTRUCTION | |
| RS03-99 | HONEY LOCUST DR. | 6 | REBECCA CT. | NORTH END | 260 | LOCAL | URBAN | \$47,000 | 2007 CONSTRUCTION | |
| RS03-100 | KELLMAN ST. | 17 | SLINGTON AVE. | NAPIER ST. | 100 | LOCAL | RURAL | \$6,000 | 2007 CONSTRUCTION | |
| RS03-101 | MELISSA CT. | 4 | WOODLAND ACRES CRES. | WEST END | 60 | LOCAL | URBAN | \$11,000 | 2007 CONSTRUCTION | |
| RS03-102 | MULLEN DR. | 18 | COLVIN CR. | MCNORRAN CR. (B) | 600 | LOCAL | URBAN | \$284,000 | 2007 CONSTRUCTION | |
| RS03-103 | MAIN ST. | 19 | LESTER B. PEARSON | WEST END | 84 | LOCAL | RURAL | \$6,000 | 2007 CONSTRUCTION | |
| RS03-104 | LESTER B. PEARSON | 34 | NASHVILLE RD. | NORTH END | 200 | LOCAL | RURAL | \$14,000 | 2007 CONSTRUCTION | |
| RS03-105 | JOHN ST. | 31 | SLINGTON AVE. | NAPIER ST. | 122 | LOCAL | RURAL | \$6,000 | 2007 CONSTRUCTION | |
| RS03-106 | NAPIER ST. | 22 | STEGMAN'S MILLS RD. | NORTH END | 280 | LOCAL | RURAL | \$22,000 | 2007 CONSTRUCTION | |
| RS03-107 | FIDDLERS CIRCLE | 5 | QUAIL RUN BLVD. | EAST END | 100 | LOCAL | URBAN | \$18,000 | 2007 CONSTRUCTION | |
| RS03-108 | MELISSA CT. | 4 | WOODLAND ACRES CRES. | WEST END | 60 | LOCAL | URBAN | \$11,000 | 2007 CONSTRUCTION | |
| RS03-109 | PAMELA CT. | 5 | WOODLAND ACRES CRES. | WEST END | 180 | LOCAL | URBAN | \$32,000 | 2007 CONSTRUCTION | |
| RS03-110 | MARCUS CT. | 6 | WOODLAND ACRES CRES. | WEST END | 145 | LOCAL | URBAN | \$35,000 | 2007 CONSTRUCTION | |
| RS03-111 | SILVER FOX PL | 6 | WOODLAND ACRES CRES. | NORTH END | 250 | LOCAL | URBAN | \$46,000 | 2007 CONSTRUCTION | |
| RS03-112 | WOODLAND ACRES CT. | 6 | WOODLAND ACRES CRES. | SOUTH END | 250 | LOCAL | URBAN | \$47,000 | 2007 CONSTRUCTION | |
| RS03-113 | MARLENE CT. | 6 | PHILLIPS LANE | EAST END | 200 | LOCAL | URBAN | \$47,000 | 2007 CONSTRUCTION | |
| RS03-114 | WOODBIDGE AVE. | 45 | KIPLING AVE. | WALLACE STREET | 300 | LOCAL | URBAN | \$73,000 | 2008 CONSTRUCTION | |
| RS03-115 | WOODSTREAM BLVD. | 24 | MARTIN GROVE RD. | HIGHWAY 7 | 720 | INDUSTRIAL | URBAN | \$194,000 | 2008 CONSTRUCTION | |
| RS03-116 | KIPLING AVE. | 22 | HIGHWAY 7 | 105M NORTH OF WOODBRID | 600 | LOCAL | URBAN | \$157,000 | 2008 CONSTRUCTION | |
| RS03-117 | MARTIN GROVE RD. | 19 | WOODBIDGE AVE. | MORNING STAR DR. | 1,180 | LOCAL | URBAN | \$299,000 | 2008 CONSTRUCTION | |

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| FIVE YEAR ROAD PROGRAMS - ROAD RESURFACING | | | | | | | | | | |
|--|---------------------|-----------------|--------------------------|---------------------|------------|--------------|--------------|----------------|-------------------|--|
| ITEM NO. | ROAD NAME | PRIORITY RATING | FROM | TO | LENGTH (M) | TYPE OF ROAD | URBAN/ RURAL | ESTIMATED COST | COMMENTS | |
| R503-118 | KILORAN AVE | 17 | SLINGTON AVE | WYCLIFFE AVE | 300 | LOCAL | URBAN | \$65,000 | 2008 CONSTRUCTION | |
| R503-119 | MARTIN GROVE RD. | 14 | MORNING STAR DR. | LAMGSTAFF DR | 103 | LOCAL | URBAN | \$37,000 | 2008 CONSTRUCTION | |
| R503-120 | CORONATION ST. | 12 | 0.45 KM. N. OF MEDALLION | MORNING STAR DR. | 600 | LOCAL | URBAN | \$60,000 | 2008 CONSTRUCTION | |
| R503-121 | WYCLIFFE AVE. | 12 | KILORAN AVE | WYCLIFFE GATE | 430 | LOCAL | URBAN | \$97,000 | 2008 CONSTRUCTION | |
| R503-122 | MEETING HOUSE RD. | 11 | CLARENCE ST. | KIPLING AVE. | 900 | LOCAL | URBAN | \$98,000 | 2008 CONSTRUCTION | |
| R503-123 | WALLACE ST. | 11 | WOODBIDGE AVE | MEMORIAL HILL DR. | 180 | LOCAL | URBAN | \$30,000 | 2008 CONSTRUCTION | |
| R503-124 | KIPLING AVE | 10 | HIGHWAY 7 | 48M S. OF COLES AVE | 500 | LOCAL | URBAN | \$26,000 | 2008 CONSTRUCTION | |
| R503-125 | CHARMAINE DR. | 10 | DORINGATE DR. | KILORAN AVE | 670 | LOCAL | URBAN | \$121,000 | 2008 CONSTRUCTION | |
| R503-126 | PENNYCROSS CT. | 10 | KILORAN AVE | SOUTH END | 105 | LOCAL | URBAN | \$28,000 | 2008 CONSTRUCTION | |
| R503-127 | CROFTERS RD. | 10 | WYCLIFFE AVE | 0.27 KM. NORTH | 270 | LOCAL | URBAN | \$62,000 | 2008 CONSTRUCTION | |
| R503-128 | ROSEMULL CR. | 10 | CROFTERS RD. | CROFTERS RD. | 600 | LOCAL | URBAN | \$112,000 | 2008 CONSTRUCTION | |
| R503-129 | ARNISH STREET | 9 | WYCLIFFE AVE | BRIDGEND COURT | 50 | LOCAL | URBAN | \$9,000 | 2008 CONSTRUCTION | |
| R503-130 | FROLEN RIDGE | 9 | TORRAN RD. | TORRAN RD. | 1,280 | LOCAL | URBAN | \$230,000 | 2008 CONSTRUCTION | |
| R503-131 | CARLNBURG PLACE | 9 | WYCLIFFE AVE | WYCLIFFE AVE. | 500 | LOCAL | URBAN | \$95,000 | 2008 CONSTRUCTION | |
| R503-132 | JACKMAN CR. | 9 | MARTIN GROVE RD. | MARTIN GROVE RD. | 500 | LOCAL | URBAN | \$90,000 | 2008 CONSTRUCTION | |
| R503-133 | JADE ST. | 9 | CORONATION ST. | CORONATION ST. | 490 | LOCAL | URBAN | \$72,000 | 2008 CONSTRUCTION | |
| R503-134 | WALLACE ST. | 9 | MEMORIAL HILL DR. | SOUTH END | 320 | LOCAL | URBAN | \$85,000 | 2008 CONSTRUCTION | |
| R503-135 | BRIDGEND CT. N. | 8 | ARNISH STREET | NORTH END | 180 | LOCAL | URBAN | \$32,000 | 2008 CONSTRUCTION | |
| R503-136 | COLTON DR. NORTH | 8 | COLTON DR. | NORTH END | 120 | LOCAL | URBAN | \$22,000 | 2008 CONSTRUCTION | |
| R503-137 | BRIDGEND CT. S. | 7 | ARNISH STREET | SOUTH END | 90 | LOCAL | URBAN | \$16,000 | 2008 CONSTRUCTION | |
| R503-138 | COLTON DR. | 7 | WYCLIFFE AVE | COLTON DR. | 100 | LOCAL | URBAN | \$18,000 | 2008 CONSTRUCTION | |
| R503-139 | COLTON DR. SOUTH | 7 | COLTON DR. | SOUTH END | 180 | LOCAL | URBAN | \$32,000 | 2008 CONSTRUCTION | |
| R503-140 | CHAVENDER PL. | 7 | KIPLING AVE | SOUTH END | 200 | LOCAL | URBAN | \$38,000 | 2008 CONSTRUCTION | |
| R503-141 | FAIRGROUND LANE | 7 | WOODBIDGE AVE. | NORTH END | 250 | LOCAL | URBAN | \$47,000 | 2008 CONSTRUCTION | |
| R503-142 | WILLIAM ST. | 7 | KIPLING AVE | JAMES ST. | 137 | LOCAL | URBAN | \$21,000 | 2008 CONSTRUCTION | |
| R503-143 | AMOS MAYNARD CIRCLE | 5 | FAIRGROUND LANE | WEST END | 40 | LOCAL | URBAN | \$7,000 | 2008 CONSTRUCTION | |
| R503-144 | ARRAN CR. | 7 | WOODBIDGE AVE. | TRITON AVE. | 120 | LOCAL | URBAN | \$22,000 | 2008 CONSTRUCTION | |
| R503-145 | KIRKHELL PLACE | 8 | CROFTERS RD. | WEST END | 225 | LOCAL | URBAN | \$42,000 | 2008 CONSTRUCTION | |
| R503-146 | HILDA AVE. | 36 | STEELES AVE. | CRESTWOOD RD. | 565 | LOCAL | URBAN | \$149,000 | 2008 CONSTRUCTION | |
| R503-147 | CRESTWOOD RD | 17 | YONGE ST. | HILDA AVE. | 790 | LOCAL | URBAN | \$128,000 | 2008 CONSTRUCTION | |
| R503-148 | APPLEWOOD CR | 9 | JANE ST. | EDGELEY BLVD. | 600 | LOCAL | URBAN | \$136,000 | 2008 CONSTRUCTION | |
| R503-149 | PINEWOOD DR. | 9 | CHOTEAU CR. | PAYSON AVE | 150 | LOCAL | URBAN | \$27,000 | 2008 CONSTRUCTION | |
| R503-150 | BRADREER CR. | 8 | PINEWOOD DR. | WEST END | 470 | LOCAL | URBAN | \$45,000 | 2008 CONSTRUCTION | |
| R503-151 | GREENBUSH CR | 8 | YORK HILL BLVD. | YORK HILL BLVD. | 550 | LOCAL | URBAN | \$44,000 | 2008 CONSTRUCTION | |
| R503-152 | LISA CHES. | 7 | YORK HILL BLVD. | NORTH END | 690 | LOCAL | URBAN | \$124,000 | 2008 CONSTRUCTION | |
| R503-153 | KAREN ST. | 7 | YORK HILL BLVD. | WINDING LANE | 220 | LOCAL | URBAN | \$40,000 | 2008 CONSTRUCTION | |
| R503-154 | MCCABE CRES. | 7 | COWLEY ST. | SOUTH END | 430 | LOCAL | URBAN | \$77,000 | 2008 CONSTRUCTION | |
| R503-155 | ROSEWOOD CT. | 6 | ROSEBURY LANE | WEST END | 75 | LOCAL | URBAN | \$14,000 | 2008 CONSTRUCTION | |
| R503-156 | EDMUND SEAGER | 6 | ROSE GREEN DR | ROSE GREEN DR | 415 | LOCAL | URBAN | \$77,000 | 2008 CONSTRUCTION | |
| R503-157 | MARISA CT. | 6 | CHARLTON AVE | NORTH END | 100 | LOCAL | URBAN | \$16,000 | 2008 CONSTRUCTION | |

Attachment 1

| FIVE YEAR ROAD PROGRAMS - ROAD RESURFACING | | | | | | | | | | |
|--|--------------------|-----------------|------------------------|--------------------------|------------|--------------|--------------|----------------|-------------------|--|
| ITEM NO. | ROAD NAME | PRIORITY RATING | FROM | TO | LENGTH (M) | TYPE OF ROAD | URBANI RURAL | ESTIMATED COST | COMMENTS | |
| RS003-158 | CHRISTINE CT. | 4 | NORTH MEADOW CRES. | EAST END | 60 | LOCAL | URBAN | \$11,000 | 2009 CONSTRUCTION | |
| RS003-159 | EDDY GREEN CT. | 4 | MULLEN DR. | WEST END | 100 | LOCAL | URBAN | \$15,000 | 2009 CONSTRUCTION | |
| RS003-160 | FAYE CT. | 5 | SPRING GATE BLVD. | SOUTH END | 135 | LOCAL | URBAN | \$25,000 | 2009 CONSTRUCTION | |
| RS003-161 | ROSE GREEN DR. | 10 | 0.6KM N. OF CENTRE ST. | EDMUND SEAGER DR. | 260 | LOCAL | URBAN | \$44,000 | 2009 CONSTRUCTION | |
| RS003-162 | MARYCROFT AVE. | 44 | ROWNTREE DAIRY RD. | REGIONAL ROAD 7 | 160 | LOCAL | URBAN | \$90,000 | 2010 CONSTRUCTION | |
| RS003-163 | ANSLEY GROVE RD. | 38 | REGIONAL ROAD 7 | EMBASSY DR. | 640 | LOCAL | URBAN | \$197,000 | 2010 CONSTRUCTION | |
| RS003-164 | MARTIN GROVE RD. | 37 | STEELES AVE. | HIGHWAY 437 | 410 | LOCAL | URBAN | \$111,000 | 2010 CONSTRUCTION | |
| RS003-165 | ROWNTREE DAIRY RD. | 25 | WINGS RD. | 0.3KM W. OF WINGS | 300 | LOCAL | URBAN | \$91,000 | 2010 CONSTRUCTION | |
| RS003-166 | STRADA DR. | 24 | ALEX AVE. | MARYCROFT AVE. | 218 | LOCAL | URBAN | \$59,000 | 2010 CONSTRUCTION | |
| RS003-167 | ANSLEY GROVE RD. | 19 | EMBASSY DR. | CHANCELLOR DR. | 520 | LOCAL | URBAN | \$137,000 | 2010 CONSTRUCTION | |
| RS003-168 | ANSLEY GROVE RD. | 19 | CHANCELLOR DR. | 670m N. OF CHANCELLOR | 670 | LOCAL | URBAN | \$175,000 | 2010 CONSTRUCTION | |
| RS003-169 | STRADA DR. | 18 | MARYCROFT AVE. | TROWERS RD. | 217 | LOCAL | URBAN | \$49,000 | 2010 CONSTRUCTION | |
| RS003-170 | ROWNTREE DAIRY RD. | 17 | WESTON RD. | WINGS RD. | 140 | LOCAL | URBAN | \$47,000 | 2010 CONSTRUCTION | |
| RS003-171 | LIME DR. | 54 | BELVIEW AVE. | EAST END | 470 | LOCAL | URBAN | \$85,000 | 2010 CONSTRUCTION | |
| RS003-172 | BALDING BLVD. | 13 | LANGSTAFF RD. | NORTH END | 560 | LOCAL | URBAN | \$171,000 | 2010 CONSTRUCTION | |
| RS003-173 | ROWNTREE DAIRY RD. | 12 | MARYCROFT AVE. | ALEX AVE. | 170 | LOCAL | URBAN | \$39,000 | 2010 CONSTRUCTION | |
| RS003-174 | MORNING STAR DR. | 11 | NICKEL ST. | MEDALLION BLVD. | 450 | LOCAL | URBAN | \$191,000 | 2010 CONSTRUCTION | |
| RS003-175 | TROWERS RD. | 10 | ROWNTREE DAIRY RD. | STRADA DR. | 320 | LOCAL | URBAN | \$73,000 | 2010 CONSTRUCTION | |
| RS003-176 | NESTOR CRES. | 10 | EMBASSY DR. | EMBASSY DR. | 640 | LOCAL | URBAN | \$114,000 | 2010 CONSTRUCTION | |
| RS003-177 | SANDY'S DR. | 10 | BALDING BLVD. | BALDING BLVD. | 600 | LOCAL | URBAN | \$108,000 | 2010 CONSTRUCTION | |
| RS003-178 | VINYL CT. | 10 | PINE VALLEY DR. | WEST END | 665 | LOCAL | URBAN | \$150,000 | 2010 CONSTRUCTION | |
| RS003-179 | KIPLING AVE. | 10 | REGIONAL RD. 7 | 46m. SOUTH OF COLES AVE. | 100 | LOCAL | URBAN | \$26,000 | 2010 CONSTRUCTION | |
| RS003-180 | CLUBHOUSE RD. | 10 | PINE VALLEY CR. | SOUTH END | 100 | LOCAL | URBAN | \$9,000 | 2010 CONSTRUCTION | |
| RS003-181 | WINGS RD. | 9 | WHITMORE RD. | ROWNTREE DAIRY RD. | 700 | LOCAL | URBAN | \$157,000 | 2010 CONSTRUCTION | |
| RS003-182 | WATERFALL RD. | 9 | EMBASSY DR. | EMBASSY DR. | 320 | LOCAL | URBAN | \$58,000 | 2010 CONSTRUCTION | |
| RS003-183 | LOOKING GLASS CR. | 9 | BELVIEW AVE. | LIME DR. | 350 | LOCAL | URBAN | \$63,000 | 2010 CONSTRUCTION | |
| RS003-184 | COWAN DR. | 8 | BALDING BLVD. | WEST END | 270 | LOCAL | URBAN | \$48,000 | 2010 CONSTRUCTION | |
| RS003-185 | BUCK'S PLACE | 7 | BALDING BLVD. | WEST END | 150 | LOCAL | URBAN | \$27,000 | 2010 CONSTRUCTION | |
| RS003-186 | AMARETTO CT. | 7 | MARTIN GROVE RD. | WEST END | 220 | LOCAL | URBAN | \$40,000 | 2010 CONSTRUCTION | |
| RS003-187 | KNUDSON LANE | 6 | BALDING BLVD. | EAST END | 120 | LOCAL | URBAN | \$22,000 | 2010 CONSTRUCTION | |

Attachment 2

| FIVE YEAR ROAD PROGRAMS - ROAD RECONSTRUCTION | | | | | | | | | |
|---|---------------------|------------------|--------------------------|-----------------------|------------|--------------|-------------|----------------|---|
| ITEM NO. | ROAD NAME | PRIORITY RATING* | FROM | TO | LENGTH (m) | TYPE OF ROAD | URBAN RURAL | ESTIMATED COST | COMMENTS |
| RC03-01 | OLD WILLIS RD. | 31 | WILLIS RD. | WILLIS RD. | 293 | LOCAL | RURAL | \$62,000 | 2004 CONST. (INCL. IN 2003 CAP. BUDGET) |
| RC03-02 | MILL ST. | 34 | OLD YONGE ST. | WEST END | 244 | LOCAL | RURAL | \$65,000 | 2004 CONST. (INCL. IN 2003 CAPITAL BUDGET) |
| RC03-03 | PINE GROVE RD WEST | 18 | SLENGTON AVE | HUMBER RIVER | 403 | LOCAL | RURAL | \$174,000 | 2004 CONST. (INCL. IN 2003 CAPITAL BUDGET) |
| RC03-04 | RAYETTE RD. | 37 | 0.2 km N. OF OSTER LANE | RIVERMEDE RD. | 230 | INDUSTRIAL | RURAL | \$115,000 | 2004 CONSTRUCTION |
| RC03-05 | RAYETTE RD. | 37 | SOUTH END | OSTER LANE | 150 | INDUSTRIAL | RURAL | \$75,000 | 2004 CONSTRUCTION |
| RC03-06 | OSTER LANE | 29 | RAYETTE | SOHES RD. | 329 | INDUSTRIAL | RURAL | \$445,000 | 2004 CONSTRUCTION |
| RC03-07 | HELEN AVENUE | 27 | YONGE ST. | RIVERSIDE BLVD. | 540 | LOCAL | RURAL | \$196,000 | 2004 CONSTRUCTION (INCL. IN 2003 CAP. BUD.) |
| RC03-08 | RAYETTE RD. | 27 | RIVERMEDE RD. | SOHES RD. | 500 | INDUSTRIAL | URBAN | \$369,000 | 2004 CONSTRUCTION |
| RC03-09 | DONEY CRES. | 27 | KEELE ST. | WEST LIMIT | 678 | INDUSTRIAL | RURAL | \$870,000 | 2004 CONSTRUCTION |
| RC03-10 | THORNHILL AVE. | 25 | 30M WEST OF YONGE ST. | RIVERSIDE BLVD. | 380 | LOCAL | RURAL | \$407,000 | 2004 CONSTRUCTION (INCL. IN 2003 CAP. BUD.) |
| RC03-11 | PARKWAY AVE. | 23 | RIVERSIDE BLVD. | THORNHILL AVE. | 180 | LOCAL | RURAL | \$249,000 | 2004 CONSTRUCTION (INCL. IN 2003 CAP. BUD.) |
| RC03-12 | FAIRLEA AVE. | 20 | RIVERSIDE BLVD. | THORNHILL AVE. | 193 | LOCAL | RURAL | \$219,000 | 2004 CONSTRUCTION (INCL. IN 2003 CAP. BUD.) |
| RC03-13 | GOLF AVE. | 11 | CLUBHOUSE RD. | PINE VALLEY CR. | 888 | LOCAL | URBAN | \$600,000 | 2004 CONSTRUCTION |
| RC03-14 | SUGARBUSH CT. | 8 | GOLF AVE. | NORTH END | 90 | LOCAL | URBAN | \$70,000 | 2004 CONSTRUCTION |
| RC03-15 | MADOWLAND CT. | 8 | GOLF AVE. | NORTH END | 120 | LOCAL | URBAN | \$42,000 | 2004 CONSTRUCTION |
| RC03-16 | NATIONAL DRIVE | 9 | PINE VALLEY DR. | EAST END | 660 | LOCAL | URBAN | \$85,000 | 2004 CONSTRUCTION |
| RC03-17 | GREENWAY WALK | 6 | GOLF AVE. | SOUTH END | 90 | LOCAL | URBAN | \$40,000 | 2004 CONSTRUCTION |
| RC03-18 | LANGSTAFF RD. | 49 | CP UNDERPASS | HIGHWAY 27 | 1,460 | COLLECTOR | RURAL | \$1,900,000 | 2006 CONSTRUCTION (DEFERRED IN 2004 BUDGET) |
| RC03-19 | NORTH RIVERMEDE RD. | 44 | SOUTH OF CONNIE CRES. | LANGSTAFF ROAD | 350 | LOCAL | URBAN | \$293,000 | 2006 CONSTRUCTION |
| RC03-20 | BRADWICK DR. | 34 | NORTH RIVERMEDE RD. | NORTH RIVERMEDE RD. | 1,000 | INDUSTRIAL | URBAN | \$861,000 | 2006 CONSTRUCTION |
| RC03-21 | JARDIN DR. | 25 | KEELE ST. | EAST END | 800 | INDUSTRIAL | URBAN | \$605,000 | 2006 CONSTRUCTION |
| RC03-22 | CONNIE CRES. | 27 | LANGSTAFF RD. | N. RIVERMEDE RD. | 750 | INDUSTRIAL | URBAN | \$608,000 | 2006 CONSTRUCTION |
| RC03-23 | FRESHWAY DR. | 23 | COSTA RD. | EAST END | 300 | INDUSTRIAL | URBAN | \$228,000 | 2006 CONSTRUCTION |
| RC03-24 | BRADWICK DR. | 11 | NORTH RIVERMEDE RD. | EAST END | 230 | INDUSTRIAL | URBAN | \$50,000 | 2006 CONSTRUCTION |
| RC03-25 | BRADWICK DR. | 9 | NORTH RIVERMEDE RD. | HIGHWAY 7 | 260 | INDUSTRIAL | URBAN | \$57,000 | 2006 CONSTRUCTION |
| RC03-26 | HILLSIDE AVE. | 14 | HIGHWAY 7 | BALDWIN AVE. | 600 | LOCAL | URBAN | \$108,000 | 2006 CONSTRUCTION |
| RC03-27 | BALDWIN AVE. | 9 | HIGHWAY 7 | ROCKVIEW GARDENS AVE. | 670 | LOCAL | URBAN | \$108,000 | 2006 CONSTRUCTION |
| RC03-28 | SOUTHVIEW DR. | 11 | JARDIN DR. | BALDWIN AVE. | 670 | LOCAL | URBAN | \$121,000 | 2006 CONSTRUCTION |
| RC03-29 | KEELEVIEW COURT | 7 | HILLSIDE AVE. | SOUTH END | 225 | LOCAL | URBAN | \$41,000 | 2006 CONSTRUCTION |
| RC03-30 | WINDRUSH CT. | 31 | STEGMANS MILLS RD. | NORTH END | 160 | LOCAL | RURAL | \$41,000 | 2006 CONSTRUCTION |
| RC03-31 | CEDAR VALLEY CR. | 29 | STEVENSON AVE | EAST END | 340 | LOCAL | RURAL | \$46,000 | 2006 CONSTRUCTION |
| RC03-32 | RANCHTRAIL RD. | 26 | HUNTINGTON RD. | WEST END | 800 | LOCAL | RURAL | \$382,000 | 2006 CONSTRUCTION |
| RC03-33 | HOWLAND HILL RD. | 25 | NASHVILLE RD. | WEST END | 100 | LOCAL | RURAL | \$143,000 | 2006 CONSTRUCTION |
| RC03-34 | MILLWOOD PARKWAY | 22 | 0.4 KM NORTH MAJOR MACK. | 0.870M NORTH | 470 | LOCAL | RURAL | \$132,000 | 2006 CONSTRUCTION |
| RC03-35 | PETERMAR DR. | 21 | MILLWOOD PARKWAY | 0.36 KM WEST | 360 | LOCAL | RURAL | \$100,000 | 2006 CONSTRUCTION |
| RC03-36 | HIGHVALLEY CT. | 20 | KPLING AVE | EAST END | 400 | LOCAL | RURAL | \$111,000 | 2006 CONSTRUCTION |
| RC03-37 | HEDGEROW LANE | 19 | HWY. 27 | WEST END | 470 | LOCAL | URBAN | \$226,000 | 2006 CONSTRUCTION |
| RC03-38 | COLESPRING RD. | 19 | NASHVILLE RD. | SOUTH END | 480 | LOCAL | RURAL | \$125,000 | 2006 CONSTRUCTION |
| RC03-39 | MILLWOOD PARKWAY | 16 | MAJOR MACKENZIE DR. | 0.4 KM NORTH | 386 | LOCAL | RURAL | \$110,000 | 2006 CONSTRUCTION |

Attachment 2

| FIVE YEAR ROAD PROGRAMS - ROAD RECONSTRUCTION | | | | | | | | | | |
|---|---------------------|------------------------------|--|-----------------------------|-------------|--------------|-------------|----------------|--------------------------------|--|
| ITEM NO. | ROAD NAME | PRIORITY RATING ¹ | FROM | TO | LENGTH (ft) | TYPE OF ROAD | URBAN/RURAL | ESTIMATED COST | COMMENTS | |
| RC03-40 | VALLEYVIEW CT. | 17 | STEVENSON AVE. | EAST END | 152 | LOCAL | RURAL | \$43,000 | 2006 CONSTRUCTION | |
| RC03-41 | KLEWS RIDGE | 16 | NASHVILLE RD. | NORTH END | 351 | LOCAL | RURAL | \$60,000 | 2006 CONSTRUCTION | |
| RC03-42 | BELL CT. | 18 | ISLINGTON AVE. | WEST LIMIT | 150 | LOCAL | RURAL | \$24,000 | 2006 CONSTRUCTION | |
| RC03-43 | HEDGEROW CT. | 13 | HEDGEROW LANE | SOUTH END | 90 | LOCAL | URBAN | \$70,000 | 2006 CONSTRUCTION | |
| RC03-44 | KIPLING AVE | 13 | TESTON ROAD | HIGH VALLEY CT. | 180 | LOCAL | RURAL | 48,000 | 2006 CONSTRUCTION | |
| RC03-45 | MILLWOOD COURT | 19 | MILLWOOD PARKWAY | EAST END | 152 | LOCAL | RURAL | \$43,000 | 2006 CONSTRUCTION | |
| RC03-46 | WOODBEND PLACE | 12 | MAJOR MACKENZIE DR. | SOUTH END | 300 | LOCAL | RURAL | \$64,000 | 2006 CONSTRUCTION | |
| RC03-47 | STEVENSON AVE. | 28 | NASHVILLE RD. | VALLEYVIEW CT. | 229 | LOCAL | RURAL | \$63,000 | 2006 CONSTRUCTION | |
| RC03-48 | GREEN VALLEY CT. | 18 | HIGH VALLEY CT. | SOUTH END | 170 | LOCAL | RURAL | \$41,000 | 2006 CONSTRUCTION | |
| RC03-49 | SHADY VALE LANE | 18 | TESTON RD. | PHILLIPS LANE | 479 | LOCAL | URBAN | \$363,000 | 2006 CONSTRUCTION | |
| RC03-50 | RIKWOOD CIRCLE | 13 | PHILLIPS LANE | NORTH END | 40 | LOCAL | URBAN | \$26,000 | 2006 CONSTRUCTION | |
| RC03-51 | NESEVER CT. | 13 | SHADY VALE LANE | EAST END | 60 | LOCAL | URBAN | \$40,000 | 2006 CONSTRUCTION | |
| RC03-52 | LOUISE CIRCLE | 12 | SHADY VALE LANE | WEST END | 40 | LOCAL | URBAN | \$26,000 | 2006 CONSTRUCTION | |
| RC03-53 | ELIZABETH ST. | 30 | THORNRIIDGE DR. | CENTRE ST. | 244 | LOCAL | RURAL | \$347,000 | 2007 CONSTRUCTION | |
| RC03-54 | BROOKE ST. | 32 | ARNOLD AVE. | CENTRE ST. | 560 | LOCAL | RURAL | \$693,000 | 2007 CONSTRUCTION | |
| RC03-55 | OLD JANE ST. | 30 | BROOKE ST. | YONGE ST. | 198 | LOCAL | RURAL | \$281,000 | 2007 CONSTRUCTION | |
| RC03-56 | RAYMOND DR. | 27 | THORNRIIDGE DR. | 0.06 KM NORTH | 60 | LOCAL | RURAL | \$75,000 | 2007 CONSTRUCTION | |
| RC03-57 | CLARKHAVEN STREET | 27 | ARNOLD AVE. | CALVING CHAMBERS RD. | 368 | LOCAL | RURAL | \$454,000 | 2007 CONSTRUCTION | |
| RC03-58 | THORNRIIDGE DR. | 28 | BROOKE ST. | WEST END | 884 | LOCAL | RURAL | \$1,094,000 | 2007 CONSTRUCTION | |
| RC03-59 | CHARLES ST. | 19 | ARNOLD AVE. | THORNRIIDGE DR. | 153 | LOCAL | RURAL | \$226,000 | 2007 CONSTRUCTION | |
| RC03-60 | THORNRIIDGE DR. | 19 | BROOKE ST. | YONGE ST. | 300 | LOCAL | RURAL | \$427,000 | 2007 CONSTRUCTION | |
| RC03-61 | BROOKE ST. | 18 | ARNOLD AVE. | SOUTH END | 200 | LOCAL | RURAL | \$247,000 | 2007 CONSTRUCTION | |
| RC03-62 | CALVIN CHAMBERS RD. | 12 | CLARKHAVEN ST. | 135M WEST | 130 | LOCAL | RURAL | \$481,000 | 2007 CONSTRUCTION | |
| RC03-63 | CHARLES ST. | 12 | THORNRIIDGE DR. | 0.09KM NORTH OF THORNRIIDGE | 60 | LOCAL | RURAL | \$76,000 | 2007 CONSTRUCTION | |
| RC03-64 | MCKENZIE STREET | 31 | HIGHWAY 7 | EAST END | 198 | LOCAL | RURAL | \$245,000 | 2008 CONSTRUCTION | |
| RC03-65 | WALLACE STREET | 30 | HIGHWAY 7 | SOUTH END | 100 | LOCAL | RURAL | \$124,000 | 2008 CONSTRUCTION | |
| RC03-66 | HURRICANE AVE. | 33 | KIPLING AVE. | FRAN DR. | 200 | LOCAL | RURAL | \$348,000 | 2008 CONSTRUCTION | |
| RC03-67 | FRAN DR. | 26 | HURRICANE AVE. | BECHTOLD RD. | 300 | LOCAL | RURAL | \$371,000 | 2008 CONSTRUCTION | |
| RC03-68 | GORDON DR. | 24 | KIPLING AVE. | WEST LIMIT | 200 | LOCAL | RURAL | \$247,000 | 2008 CONSTRUCTION | |
| RC03-69 | SIMONS STREET | 19 | 0.48 KM SOUTH OF RUTHERFORD RUTHERFORD RD. | WEST END | 500 | LOCAL | RURAL | \$140,000 | 2008 CONSTRUCTION | |
| RC03-70 | BROOKA DR. | 17 | HIGHWAY 7 | WEST END | 300 | LOCAL | RURAL | \$72,000 | 2008 CONSTRUCTION | |
| RC03-71 | HAWMAN AVE. | 17 | KIPLING AVE. | EAST END | 340 | LOCAL | RURAL | \$87,000 | 2008 CONSTRUCTION | |
| RC03-72 | BURTONS LANE | 30 | KIPLING AVE. | WEST END | 90 | LOCAL | RURAL | \$59,000 | 2008 CONSTRUCTION | |
| RC03-73 | ELMBANK RD. | 37 | CENTRE ST. | THORNBANK RD. | 274 | LOCAL | RURAL | \$390,000 | 2009 DEFER (DUE TO SAN SEWERS) | |
| RC03-74 | THORNBANK RD. | 31 | CENTRE ST. | W. END | 1040 | LOCAL | RURAL | \$1,355,000 | 2009 DEFER (DUE TO SAN SEWERS) | |
| RC03-75 | OMSBANK ROAD | 29 | CENTRE ST. | THORNBANK RD. | 282 | LOCAL | RURAL | \$346,000 | 2009 DEFER (DUE TO SAN SEWERS) | |
| RC03-76 | ERICA ROAD | 26 | CENTRE ST. | THORNBANK RD. | 282 | LOCAL | RURAL | \$348,000 | 2009 DEFER (DUE TO SAN SEWERS) | |
| RC03-77 | MALOY ST. | 22 | KEELE ST. | NORTH END | 306 | INDUSTRIAL | RURAL | \$79,000 | 2009 DEFER (DUE TO SAN SEWERS) | |

Attachment 2

| FIVE YEAR ROAD PROGRAMS - ROAD RECONSTRUCTION | | | | | | | | | | |
|---|--------------|------------------|-------------|-----------|-------------|--------------|--------------|----------------|-----------------------|--|
| ITEM NO. | ROAD NAME | PRIORITY RATING* | FROM | TO | LENGTH (ft) | TYPE OF ROAD | URBAN/ RURAL | ESTIMATED COST | COMMENTS | |
| RC03-78 | MCDONALD ST. | 13 | KEELE ST. | SOUTH END | 300 | LOCAL | RURAL | \$54,000 | 2009 DEFER (ISOLATED) | |
| RC03-79 | RODINEA RD. | 17 | TESTON RD. | SOUTH END | 356 | LOCAL | RURAL | \$104,000 | 2009 DEFER (ISOLATED) | |
| RC03-80 | COUSINS LANE | 31 | RAILWAY ST. | SOUTH END | 50 | LOCAL | RURAL | \$61,000 | 2009 DEFER (ISOLATED) | |
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| *According to Road Needs Study 2000 - 2004. Updable The larger the priority rating, the greater the need for improvement | | | | | | | | | | |

Attachment 3

| FIVE YEAR ROAD PROGRAMS - RURAL ROADS UPGRADE | | | | | | | |
|--|------------------|-----------------|------------------------|----------------------------|------------|----------------|--|
| ITEM NO. | ROAD NAME | PRIORITY RATING | FROM | TO | LENGTH (M) | ESTIMATED COST | COMMENTS |
| RR03-1 | HUNTINGTON RD. | 48 | HIGHWAY 27 | FOGAL ROAD | 700 | \$444,000 | PENDING DEVELOPMENT |
| RR03-2 | HUNTINGTON RD. | 41 | FOGAL CT. | LANGSTAFF RD. | 1,400 | \$387,000 | PENDING DEVELOPMENT |
| RR03-3 | MILL ROAD | 40 | KING VAUGHAN RD. | KING VAUGHAN TL | 600 | \$364,000 | DEFER DUE TO LOW VOLUME OF TRAFFIC |
| RR03-4 | KING VAUGHAN | 43 | KEELE ST. | DUFFERIN ST. | 1,000 | \$513,000 | 2004 CONSTRUCTION (WITH R. OF Y. WATERMAN) |
| RR03-5 | KING VAUGHAN | 36 | DUFFERIN ST. | BATHURST ST. | 1,000 | \$568,000 | 2004 CONSTRUCTION (WITH R. OF Y. WATERMAN) |
| RR03-6 | HUNTINGTON RD. | 40 | NASHVILLE RD. | 0.3KM S. KIRBY RD. | 1,000 | \$481,000 | 2004 CONSTRUCTION |
| RR03-7 | HUNTINGTON RD. | 31 | MAJOR MACKENZIE DR. | NASHVILLE RD. | 2,100 | \$485,000 | 2004 CONSTRUCTION |
| RR03-8 | HUNTINGTON RD. | 18 | 0.3KM S. OF KIRBY RD. | KIRBY RD. | 300 | \$77,000 | 2004 CONSTRUCTION |
| RR03-9 | HUNTINGTON RD. | 38 | LANGSTAFF RD. | RUTHERFORD RD. | 1,000 | \$078,000 | 2005 CONSTRUCTION |
| RR03-10 | HUNTINGTON RD. | 30 | RUTHERFORD RD. | MAJOR MACKENZIE | 2,100 | \$621,000 | 2005 CONSTRUCTION |
| RR03-11 | KIRBY ROAD | 41 | ALBION VAUGHAN RD. | COLD CREEK RD. | 600 | \$130,000 | 2005 CONSTRUCTION |
| RR03-12 | COLD CREEK RD. | 40 | NASHVILLE RD. | KIRBY RD. | 2,100 | \$325,000 | 2005 CONSTRUCTION |
| RR03-13 | KING VAUGHAN | 36 | ALBION VAUGHAN RD. | COLD CREEK RD. | 900 | \$185,000 | 2005 CONSTRUCTION |
| RR03-14 | COLD CREEK RD. | 32 | KIRBY ROAD | KING VAUGHAN RD. | 2,050 | \$503,000 | 2006 CONSTRUCTION |
| RR03-15 | KIRBY RD. | 29 | COLD CREEK RD. | HUNTINGTON RD. | 2,640 | \$1,130,000 | 2006 CONSTRUCTION |
| RR03-16 | KING VAUGHAN | 34 | HIGHWAY 27 | KIPLING AVE | 2,400 | \$443,000 | 2007 CONST. (LAND ALIGNMENT BRIDGE) |
| RR03-17 | PINE VALLEY DR. | 29 | KIRBY ROAD | KING VAUGHAN RD. | 2,100 | \$878,000 | 2007 CONSTRUCTION |
| RR03-18 | MCGILLIVRAY RD. | 34 | RUTHERFORD RD. | 1.6KM NORTH | 1,600 | \$268,000 | 2008 CONSTRUCTION |
| RR03-19 | KIPLING AVE | 32 | KIRBY ROAD | KING VAUGHAN RD. | 1,660 | \$303,000 | 2008 CONSTRUCTION |
| RR03-20 | KIPLING AVE | 31 | TESTON RD. | KIRBY RD. | 2,050 | \$466,000 | 2008 CONSTRUCTION |
| RR03-21 | KING VAUGHAN | 27 | WESTON RD. | 0.9KM E. WESTON | 900 | \$163,000 | 2008 CONSTRUCTION |
| RR03-22 | KIRBY ROAD | 26 | STEPHANIE BLVD. | WESTON RD. | 1,250 | \$360,000 | 2006 CONSTRUCTION |
| RR03-23 | MCGILLIVRAY RD. | 8 | 1.6KM N. RUTHERFORD | HUNTINGTON RD. | 900 | \$200,000 | 2008 CONSTRUCTION |
| RR03-24 | KIRBY ROAD | 15 | HIGHWAY 27 | KIPLING AVE | 2,160 | \$399,000 | 2008 CONSTRUCTION |
| RR03-25 | KING VAUGHAN RD. | 37 | KIPLING AVE. | PINE VALLEY DR. | 2,400 | \$648,000 | 2009 CONSTRUCTION |
| RR03-26 | KIRBY RD. | 19 | 1.2KM WEST OF JANE ST. | 0.8KM WEST OF JANE ST. | 500 | \$92,000 | 2009 CONSTRUCTION |
| RR03-27 | KIRBY RD. | 16 | KIPLING AVE. | 0.24 KM E. OF KIPLING AVE. | 240 | \$55,000 | 2009 CONSTRUCTION |
| RR03-28 | KIPLING AVE. | 13 | HIGH VALLEY COURT | TESTON RD. | 180 | \$48,000 | 2009 CONSTRUCTION |
| RR03-29 | RCE ROAD | 30 | NASHVILLE RD. | HUNTINGTON RD. | 500 | \$85,000 | 2009 CONSTRUCTION |
| RR03-30 | TORONTO RV ROAD | 20 | HIGHWAY 27 | SOUTH END | 400 | \$67,000 | 2009 CONSTRUCTION |
| RR03-31 | KIPLING AVE | 23 | 350M S. OF COLES AVE. | 603 M. S. OF COLES AVE. | 500 | \$85,000 | 2009 CONSTRUCTION |
| Q. Eng. 2004 Road Programs. Rural Road Upgrading | | | | | | | |