

COMMITTEE OF THE WHOLE – JUNE 17, 2002

ROAD RESURFACING , ROAD RECONSTRUCTION AND RURAL ROADS UPGRADING PROGRAM

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., 2003 construction) of the proposed five year road programs in accordance with the approved 2002 Capital Budget and Forecast (Project Nos. 1480-0, 1449-0 and 1444-0).

Purpose

To seek Council endorsement in principle of the proposed five year (2003 – 2007) road programs and authorization to employ external professional engineering services for the preliminary engineering and design of the Year 1, i.e., 2003 construction projects of the proposed five year road programs.

Background - Analysis and Options

City Road System and Needs

According to the Road Needs Study 2000 Update Report (copies previously forwarded to Mayor and Members of Council), the existing City Road System is comprised of approximately 660 kilometers (km) of road as of Jan 1, 2001. Within this system, 80 km were found to be deficient and required rehabilitation or reconstruction. An additional 50 km required resurfacing within 5 years (by 2005) to avoid further deterioration into the deficient category. The total resurfacing and rehabilitation/reconstruction expenditure to eliminate the deficiencies of the “now” and 1 – 5 year needs in the road system was estimated to be \$51 million.

From 1995 to 2000, the City road system expanded by an average of 5% per year and with the high growth rate in the past two years, the present expansion rate of the City’s road system is expected to exceed that rate in the future.

Past Methodology

The Road Needs Study 2000 Update assigned a priority rating to each road section based on an evaluation process which incorporated factors such as traffic usage/functionality, physical characteristics and road standards, physical condition specifically structural adequacy, crack density, utility cuts, settlements, potholes and drainage.

In previous years, a list of recommended locations for road resurfacing, road reconstruction and rural road upgrade was prepared each year for endorsement by Council after the Capital Budget had been approved. The lists were based on the priority ratings evaluated for each road in the Road Needs Study 2000 Update, various Council and resident requests, field inspection by staff to confirm the need for rehabilitation and the approved funding in the Capital Budget for each program in that year.

Strictly using the priority ratings in the Road Needs Study as the basis for compiling the road program lists will ensure that the required improvement on a certain road section is being performed in an order based on actual needs. However, staff find that in each year's list, the locations are scattered across the City while other roads in the same subdivision that were constructed in the same time period are inevitably omitted. These roads will normally require resurfacing or rehabilitation within the next few years of one another. With this approach, road construction works have to be carried out within a neighbourhood every few years.

During the implementation of the road programs in the past few years, both Members of Council and staff have received enquiries and complaints that other roads in the same neighbourhood were not resurfaced/rehabilitated at the same time as the ones being done. Experience also shows that it is less cost efficient to perform road resurfacing/rehabilitation on a piece-meal basis across the City than on an area basis.

Proposed Methodology

Past road resurfacing funding levels have not been adequate to keep pace with needs and as a result, more and more roads have further deteriorated beyond repair and now require much more costly rehabilitation or even reconstruction. Furthermore, inadequate funding in the past to keep up with the road reconstruction needs have resulted in the increase in backlog of deficient roads, the further decrease in serviceability level of these roads and increased resident complaints.

In order to deal with the increasing backlog of deteriorating roads and the inefficiency of the piece-meal approach to implementation of the road programs, staff have proposed a Five Year Road Program (2003-2007) for endorsement by Council (see Attachments No. 1, 2 and 3). During the preparation of these programs, (one for Road Resurfacing, Road Reconstruction and Rural Road Upgrade) consideration was duly given to the original priority ranking in the Road Needs Study Report, the 2001 road programs endorsed by Council on June 25, 2001 and also the more cost efficient approach to address the roads that are in the same geographic vicinity that would need attention within a few years of one another. Furthermore, on-going discussions have taken 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. This will prove to be much more cost effective and also minimize the inconvenience to the residents due to the construction activities.

Proposed Five Year Road Programs

In the report to Council on June 25, 2001, staff advised that based on the level of funding at that time of \$600,000 annually for resurfacing, it would take approximately 12 years to complete the 1 – 5 year resurfacing needs. Staff recommend that funding should be increased to \$2 million annually to keep up with the resurfacing needs. This funding level has been incorporated into the 2002 Capital Budget and Forecast. Should this level of funding not occur, we risk further deterioration of the roads to a point that much more costly rehabilitation or even reconstruction is required. (See Attachment No. 1)

There is a serious backlog of deficient roads in the City system that require rehabilitation or reconstruction in the “now” and 1 – 5 year needs. Staff recommend that adequate funding level be maintained at \$5 million per year in order to keep up with the needs and ensure that the serviceability level of the City road system will not decline drastically. (See Attachment No. 2)

There are approximately 46 km of gravel surfaced rural roads which require a substantial amount of resources for annual maintenance. The current funding level for the rural road upgrade program is \$700,000 per year to surface treat existing gravel roads to reduce annual maintenance costs and to improve the level of driving comfort. At this funding level it will take

over 15 years to complete the rural road upgrade program, which will not keep pace with the increase in suburb growth and the increase in traffic volume on these roads. Consistent with the other two road programs, staff recommend a funding level of \$2 million per year over the next five years in order to complete the rural road upgrade program within a reasonable time frame. (See Attachment No. 3)

Based on the above proposed Five Year Road Programs of \$2 million annually for road resurfacing, \$5 million annually for road reconstruction and \$2 million annually for rural road upgrade, the recommended total annual funding for capital road programs is \$9 million. 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 in the future.

In the 2002 Capital Budget, funding has been approved for the pre-engineering and detailed design of the proposed 2003 road resurfacing (Project No. 1449-0), road reconstruction (Project 1480-0) and rural road upgrade (Project 1444-0) works. The implementation of these programs will require employment of external professional engineering services.

Conclusion

In order to keep up with the road needs, higher funding levels should be allocated to implement a five year program for road resurfacing, road reconstruction and rural road upgrade. External professional engineering services are required to assist staff in the preliminary and detail design activities.

Funding for some additional road resurfacing in 2002 is also available through re-allocation of surplus funds from recently completed capital road projects.

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,

Bill Robinson, P. Eng.
Commissioner of Engineering and Public Works

PM:FL:MC

Attachment 1

FIVE YEAR ROAD PROGRAMS - ROAD RESURFACING									
ITEM NO.	ROAD NAME	PRIORITY RATING	FROM	TO	LENGTH TYPE OF ROAD (M)	URBAN/ RURAL	ESTIMATED COST	COMMENTS	
1000-1	WARRIE CREEK	24	MARTIN GROVE RD	MARTIN GROVE RD	206 LOCAL	URBAN	\$7,000,000	CONSTR. INCL. IN 2001 CAP. BUD.	
1000-2	BIRCH BEAVER	18	TALL GRASS TRAIL	TALL GRASS TRAIL	375 LOCAL	URBAN	\$1,000,000	CONSTRUCTION INCL. IN 2001 CAP. BUD.	
1000-3	TALL GRASS TRAIL	15	WINE VALLEY DR	WINE VALLEY DR	425 LOCAL	URBAN	\$1,000,000	CONSTRUCTION INCL. IN 2001 CAP. BUD.	
1000-4	TAMBER LAKE	14	TALL GRASS TRAIL	TALL GRASS TRAIL	772 LOCAL	URBAN	\$1,180,000	CONSTRUCTION INCL. IN 2001 CAP. BUD.	
1000-5	TALL GRASS TRAIL	14	THIBERT LAKE	SOUTH END	385 LOCAL	URBAN	\$1,000,000	CONSTRUCTION INCL. IN 2001 CAP. BUD.	
1000-6	TERVAL ROAD	13	WINE VALLEY DR	SOUTH END	413 LOCAL	URBAN	\$1,200,000	CONSTRUCTION INCL. IN 2001 CAP. BUD.	
1000-7	THISTLE RIDGE DR	9	TALL GRASS TRAIL	TAMBER LAKE	285 LOCAL	URBAN	\$1,000,000	CONSTRUCTION INCL. IN 2001 CAP. BUD.	
1000-8	ATHENA COURT	9	BIRCH BEAVER OUTLOOK	NORTH END	36 LOCAL	URBAN	\$7,000,000	CONSTRUCTION INCL. IN 2001 CAP. BUD.	
1000-9	MIRIAM PLACE	7	THIBERT LAKE	TAMBER LAKE	346 LOCAL	URBAN	\$2,500,000	CONSTRUCTION INCL. IN 2001 CAP. BUD.	
1000-10	JARRISON DR	11	WINDY AVE	0.200 W OF KIPING AVE	200 LOCAL	URBAN	\$8,000,000	CONSTRUCTION INCL. IN 2001 CAP. BUD.	
1000-11	NARROW DR	10	0.200 W OF KIPING AVE	WEST END	288 LOCAL	URBAN	\$1,000,000	CONSTRUCTION INCL. IN 2001 CAP. BUD.	
1000-12	CHARLETTOR DR	27	WINE VALLEY DR	MEERBEEN AVE	360 COLLECTOR	URBAN	\$1,000,000	CONSTR. INCL. IN 2000 CAP. BUD.	
1000-13	WYVERNIDE RD	40	KELLY STREET	ROCKES RD	776 INDUSTRIAL	URBAN	\$24,000,000	CONSTR. INCL. IN 2001 BUDGET	
1000-14	WYVERNIDE RD	38	ROCKES RD	CHAR TRACES	205 INDUSTRIAL	URBAN	\$1,000,000	IN WYVERNIDE RD	
1000-15	WINDMILL RD	34	NORTH RIVERMEDE RD	WINDMILL RD	160 INDUSTRIAL	URBAN	\$24,000,000	RECONSTR. FROM EXIST. ROAD NO. 10 HWY. 7	
1000-16	CLARENCE ST	32	MEETONG HOUSE RD	MEERBEEN RIVER	150 COLLECTOR	URBAN	\$25,000,000	CONSTRUCTION	
1000-17	DAVIDSON DR	13	DE WINDON AVE	ALBERT ST	206 LOCAL	URBAN	\$1,000,000	CONSTR. INCL. WITH RECONSTR.	
1000-18	NAVY AVE	12	WINE VALLEY DR	WINE VALLEY DR	400 LOCAL	URBAN	\$1,000,000	CONSTR. INCL. IN 2000 COMST. WITH WINE GROVE RD.	
1000-19	WINDMILL AVE	23	SPIGGLASS HILL RD	GREEN SHIELDS AVE	800 LOCAL	URBAN	\$1,000,000	CONSTRUCTION	
1000-20	CHERRY HILLS RD	14	GREEN SHIELDS AVE	GREEN SHIELDS AVE	720 LOCAL	URBAN	\$1,000,000	CONSTRUCTION	
1000-21	SPIGGLASS HILL RD	14	GREEN SHIELDS AVE	GREEN SHIELDS AVE	515 LOCAL	URBAN	\$2,000,000	CONSTRUCTION	
1000-22	POINT O'WOODS DR	14	GREEN SHIELDS AVE	QUAMER RIDGE RD	380 LOCAL	URBAN	\$1,000,000	CONSTRUCTION	
1000-23	QUAMER RIDGE DR	13	GREEN SHIELDS AVE	QUAMER RIDGE RD	320 LOCAL	URBAN	\$4,000,000	CONSTRUCTION	
1000-24	COO HILL DRIVE	12	GREEN SHIELDS AVE	SOUTH END	507 LOCAL	URBAN	\$1,000,000	CONSTRUCTION	
1000-25	LAUREL VALLEY CT	12	GREEN SHIELDS AVE	WEST END	180 LOCAL	URBAN	\$24,000,000	CONSTRUCTION	
1000-26	QUAMER RIDGE DR	10	POINT O'WOODS DR	EAST END	250 LOCAL	URBAN	\$10,000,000	CONSTRUCTION	
1000-27	WARRIE CREEK	8	GREEN SHIELDS AVE	PRINCE CHARLES PLACES	100 LOCAL	URBAN	\$10,000,000	CONSTRUCTION	
1000-28	TORRID PLACE	8	CHERRY HILLS RD	WORTH END	90 LOCAL	URBAN	\$10,000,000	CONSTRUCTION	
1000-29	MAT HILL DR	8	GREEN SHIELDS AVE	WEST END	440 LOCAL	URBAN	\$3,000,000	CONSTRUCTION	
1000-30	WINDMILL PLACE	4	GREEN SHIELDS AVE	WEST END	200 LOCAL	URBAN	\$10,000,000	CONSTRUCTION	
1000-31	QUAMER RIDGE RD	11	POINT O'WOODS DR	EAST END	250 LOCAL	URBAN	\$10,000,000	CONSTRUCTION	
1000-32	ABBOTS LANE	18	CLARENCE ST	WEST END	140 LOCAL	URBAN	\$1,000,000	CONSTRUCTION	
1000-33	PARK DRIVE	18	CLARENCE ST	WEST END	200 LOCAL	URBAN	\$24,000,000	CONSTRUCTION	
1000-34	AUBURN RD	18	MARTIN GROVE DR	ALBERT DR	180 LOCAL	URBAN	\$14,000,000	CONSTRUCTION	
1000-35	NORTH RIDGE RD	11	FOREST DR	WINDSTONE PLACE	385 LOCAL	URBAN	\$4,000,000	CONSTRUCTION	
1000-36	ALBANY DR	9	ADAMCOURT ROAD	NORTH END	480 LOCAL	URBAN	\$8,000,000	CONSTRUCTION	
1000-37	HOUSTON ROAD	9	LUVIS DR	WINDSTONE PLACE	305 LOCAL	URBAN	\$4,000,000	CONSTRUCTION	
1000-38	ADAMCOURT DR	8	ALBANY DR	SOUTH END	260 LOCAL	URBAN	\$3,000,000	CONSTRUCTION	
1000-39	OSWELL RD	8	LAUREL DR	WINDSTONE PLACE	180 LOCAL	URBAN	\$10,000,000	CONSTRUCTION	
1000-40	ALBANY CREEK	7	WOODBRIDGE AVE	WOODBRIDGE AVE	130 LOCAL	URBAN	\$17,000,000	CONSTRUCTION	
1000-41	FOREST DRIVE	28	NASER DR	SADDLE TREE CREEK	220 LOCAL	URBAN	\$11,000,000	CONSTRUCTION	
1000-42	NASER DR	18	NASER DR	SADDLE TREE PLACE	390 LOCAL	URBAN	\$17,000,000	CONSTRUCTION	
1000-43	SADDLE TREE CREEK	8	11.15 KM W/ SADDLE TREE	SADDLE TREE PLACE	250 LOCAL	URBAN	\$14,000,000	CONSTRUCTION	

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FIVE YEAR ROAD PROGRAMS - ROAD RESURFACING								
ITEM NO.	ROAD NAME	PRIORITY RATING	FROM	TO	LENGTH (M)	URBAN/ RURAL	ESTIMATED COST	COMMENTS
R302-44	MIRLA CREEK	7	SAGOLE TREE CREEK	3.15 KM WEST	481 LOCAL	URBAN	\$17,000	2004 CONSTRUCTION
R302-45	ST JAMES CT	8	SAGOLE TREE CREEK	EAST END	181 LOCAL	URBAN	\$24,000	2004 CONSTRUCTION
R302-46	FOREST DRIVE	18	MARTIN DRIVE RD	HYPO CHURCH	229 LOCAL	URBAN	\$32,000	2004 CONSTRUCTION
R302-47	NORTH HAVI ROAD	10	FOREST DR	ROSMAR AVE	279 LOCAL	URBAN	\$39,000	2004 CONSTRUCTION
R302-48	MOONSTONE PLACE	3	WOODBRIDGE AVE	NORTH HEDGE ROAD	181 LOCAL	URBAN	\$14,000	2004 CONSTRUCTION
R302-49	CLARENCE ST	20	LANCASTER RD	370M NORTH	200 COLLECTOR	URBAN	\$47,000	2004 CONSTRUCTION
R302-50	CLARENCE ST	11	WOODBRIDGE AVE	METVA HOUSE ROAD	401 LOCAL	URBAN	\$69,000	2004 CONSTRUCTION
R302-51	FOREST DRIVE	12	6 TO 10M N. WOODBRIDGE AVE	KASPER DRIVE	130 LOCAL	URBAN	\$19,000	2004 CONSTRUCTION
R302-52	MOONSTONE PLACE	10	WOODBRIDGE AVE	SOUTH END	364 LOCAL	URBAN	\$44,000	2004 CONSTRUCTION
R302-53	LEWIS DR	14	WOODBRIDGE AVE	SOUTH END	214 LOCAL	URBAN	\$31,000	2004 CONSTRUCTION
R302-54	WALTON COURT	8	WALTON AVE	WEST END	337 LOCAL	URBAN	\$47,000	2004 CONSTRUCTION
R302-55	NATIONAL DR	9	PINE VALLEY DR	EAST END	180 LOCAL	RURAL	\$28,000	2004 CONSTRUCTION
R302-56	BLUM BUSH CT	9	GOLF AVENUE	NORTH END	181 LOCAL	URBAN	\$14,000	2004 CONSTRUCTION
R302-57	MEDOWLAND CT	9	GOLF AVENUE	NORTH END	181 LOCAL	URBAN	\$17,000	2004 CONSTRUCTION
R302-58	GREENWAY WAY	4	GOLF AVENUE	SOUTH END	44 LOCAL	URBAN	\$9,000	2004 CONSTRUCTION
R302-59	ALDRICH AVE	14	PINE VALLEY DR	BERGENSE AVE	441 LOCAL	URBAN	\$64,000	2004 CONSTRUCTION
R302-60	ANDREA LANE	12	ASHCROFT COURT	ARBERSON AVE	489 LOCAL	URBAN	\$69,000	2004 CONSTRUCTION
R302-61	ARBERSON AVE	16	JAMESBY DR	CHANGILLON DR	707 LOCAL	URBAN	\$137,000	2004 CONSTRUCTION
R302-62	ARBERSON DR	12	ALDERSON AVE	EAST OF MARCO CREEK	495 LOCAL	URBAN	\$71,000	2004 CONSTRUCTION
R302-63	OLYMPIA GATE	9	REBUS STREET	EMASSY DRIVE	176 LOCAL	URBAN	\$24,000	2004 CONSTRUCTION
R302-64	FLOWER LEAF ST	9	ARBERSON AVE	ARBERSON AVE	481 LOCAL	URBAN	\$72,000	2004 CONSTRUCTION
R302-65	ALLESTON ROAD	8	ARBERSON AVE	WINDICE DRIVE	281 LOCAL	URBAN	\$39,000	2004 CONSTRUCTION
R302-66	CHICKRY GATE	7	DeBlaizer DR	VINEYARD CT	129 LOCAL	URBAN	\$17,000	2004 CONSTRUCTION
R302-67	WEDDLE POINT RD	7	FLOWER LEAF ST	FLOWER LEAF ST	215 LOCAL	URBAN	\$40,000	2004 CONSTRUCTION
R302-68	ARMOURY COSE	7	ARBERSON AVE	ARBERSON DRIVE	201 LOCAL	URBAN	\$47,000	2004 CONSTRUCTION
R302-69	GRANITE ST	6	ARMOURY AVE	VINEYARD CT	201 LOCAL	URBAN	\$43,000	2004 CONSTRUCTION
R302-70	ASHCROFT CT	6	ARBERSON AVE	SOUTH END	201 LOCAL	URBAN	\$30,000	2004 CONSTRUCTION
R302-71	WHEATK CT	5	REBUS STREET	SOUTH END	176 LOCAL	URBAN	\$11,000	2004 CONSTRUCTION
R302-72	WINDROW AVE	11	FRESHCROFT	JULIE AVE	629 LOCAL	URBAN	\$99,000	2004 CONSTRUCTION
R302-73	GOLF AVENUE	11	PINE VALLEY DR	OLIPHURSE ROAD	885 LOCAL	URBAN	\$135,000	2004 CONSTRUCTION
R302-74	EMASSY DR	18	CHICKRY GATE	ARBERSON AVE	538 LOCAL	URBAN	\$82,000	2004 CONSTRUCTION
R302-75	FORS DR	12	6 TO 10M N. CHANGILLON	BEELVIEW AVE	590 LOCAL	URBAN	\$93,000	2004 CONSTRUCTION
R302-76	OLIPHURSE RD	11	VILLA PARK DR	WEST END	206 LOCAL	URBAN	\$29,000	2004 CONSTRUCTION
R302-77	WINDROW DR	12	MONSIEUR DR	W 19 KM E. DE MONSIEUR	181 LOCAL	URBAN	\$13,000	2004 CONSTRUCTION
R302-78	WINDROW DR	12	BENJAMIN DR. WEST LEG	HIGHWAY 7	400 LOCAL	URBAN	\$17,000	2004 CONSTRUCTION
R302-79	JULES AVE	12	JANINE DR	JANINE DR	306 LOCAL	URBAN	\$72,000	2004 CONSTRUCTION
R302-80	JANINE DR	12	VILLA PARK DR	VILLE RD	367 LOCAL	URBAN	\$74,000	2004 CONSTRUCTION
R302-81	FREDRICK STREET	15	WINDROW DR	WINDROW AVE	367 LOCAL	URBAN	\$40,000	2004 CONSTRUCTION
R302-82	WINIFRETH CT	10	VILLA PARK DR	WEST END	173 LOCAL	URBAN	\$11,000	2004 CONSTRUCTION
R302-83	ARMOURY STREET	9	WYLLIFE AVE	WINDROW COURT	50 LOCAL	URBAN	\$7,000	2004 CONSTRUCTION
R302-84	BRIDGELAND CT. N	6	ARMOURY STREET	MURPHY DR	183 LOCAL	URBAN	\$26,000	2004 CONSTRUCTION
R302-85	BRIDGEND CT. S	7	ARMOURY STREET	SOUTH END	911 LOCAL	URBAN	\$13,000	2004 CONSTRUCTION

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FIVE YEAR ROAD PROGRAMS - ROAD RESURFACING									
ITEM NO.	ROAD NAME	PRIORITY RATING	FROM	TO	LENGTH TYPE OF ROAD (M)	URBAN/ RURAL	ESTIMATED COST	COMMENTS	
R002-86	EGGLEY BLVD	37	APPLEWOOD CRES	S-1908 NORTH OF	875 INDUSTRIAL	URBAN	\$133,000	2005 CONSTRUCTION	
R002-87	ALBION/ALCOHOL RD	37	W JAM N. OF HWY 90	KIRBY RD	200 ARTERIAL	RURAL	\$1,000,000	2006 CONSTRUCTION	
R002-88	HUNTER LANE	8	SILVERTON AVE	EAST END	345 LOCAL	URBAN	\$77,000	2005 CONSTRUCTION	
R002-89	HELEN ST	9	BRUCE ST	HIGHWAY 7	875 LOCAL	URBAN	\$84,000	2005 CONSTRUCTION	
R002-90	WYOM CT	8	ROSEVIEW AVE	GATE END	115 LOCAL	URBAN	\$18,000	2005 CONSTRUCTION	
R002-91	FRANCIS ST	8	W VALUERE PARKWAY	MAZURKIN AVE	285 LOCAL	URBAN	\$48,000	2005 CONSTRUCTION	
R002-92	AVY PLACE	8	GARDEN POST ROAD	EAST END	45 LOCAL	URBAN	\$8,000	2005 CONSTRUCTION	
R002-93	HEMPHRE CT	8	HELEN ST	EAST END	33 LOCAL	URBAN	\$3,000	2005 CONSTRUCTION	
R002-94	WYROSS DR	11	KAWATA	BEAUMER DR WEST LEG	285 LOCAL	URBAN	\$95,000	2005 CONSTRUCTION	
R002-95	MADLER CT	8	PHILLIPS LANE	EAST END	200 LOCAL	URBAN	\$27,000	2006 CONSTRUCTION	
R002-96	SHADY VALE LANE	17	TEXTON RD	PHILLIPS LANE	345 LOCAL	URBAN	\$64,000	2006 CONSTRUCTION	
R002-97	HELDROW LANE	16	HIGHBET ST	WEST END	875 LOCAL	RURAL	\$7,000	2006 CONSTRUCTION	
R002-98	ADAMWORTH CRES	12	SLINGTON AVE	NORTH END	885 LOCAL	RURAL	\$33,000	2006 CONSTRUCTION	
R002-99	MILLYWOOD PARKWAY	11	U-ROAD N. MAJOR MACKENZIE	SUTHER N. MAJOR MACKENZIE	415 LOCAL	RURAL	\$28,000	2006 CONSTRUCTION	
R002-100	PETERMAN DRIVE	11	MILLYWOOD PARKWAY	U-ROAD N. MILLYWOOD PKWAY	285 LOCAL	RURAL	\$23,000	2006 CONSTRUCTION	
R002-101	CHERRISH ST	11	ART DRIVE	WILKINSON CREEK	345 LOCAL	RURAL	\$28,000	2006 CONSTRUCTION	
R002-102	HIGH VALLEY CT	11	RIPLING AVE	EAST END	605 LOCAL	RURAL	\$48,000	2006 CONSTRUCTION	
R002-103	ART DR	9	ROSWORTH CRES	NORTH END	845 LOCAL	RURAL	\$4,000	2006 CONSTRUCTION	
R002-104	DALEYEN CT	9	PARKWAY RD	NORTH END	745 LOCAL	RURAL	\$7,000	2006 CONSTRUCTION	
R002-105	PUTTING GREEN CRES	8	COLLINGWOOD RD	COLLINGWOOD RD	305 LOCAL	RURAL	\$19,000	2006 CONSTRUCTION	
R002-106	KIPJICANE	8	HIGH VALLEY CT	TEXTON RD	385 LOCAL	RURAL	\$10,000	2006 CONSTRUCTION	
R002-107	GREEN VALLEY CT	8	HIGH VALLEY CT	SOUTH END	685 LOCAL	RURAL	\$11,000	2006 CONSTRUCTION	
R002-108	PHILLIPS LANE	23	WESTON RD	EAST END	795 LOCAL	URBAN	\$147,000	2006 CONSTRUCTION	
R002-109	ROSWOOD CIRCLE	12	PHILLIPS LANE	MOUTH END	45 LOCAL	URBAN	\$7,000	2006 CONSTRUCTION	
R002-110	ROSEBORN LANE	12	HODGSON LANE	SOUTH END	80 LOCAL	URBAN	\$4,000	2006 CONSTRUCTION	
R002-111	GREENBROOK DR	12	WESTON RD	WEST END	605 LOCAL	URBAN	\$71,000	2006 CONSTRUCTION	
R002-112	LIQUOR CIRCLE	3	SHADY VALE LANE	WEST END	45 LOCAL	URBAN	\$5,000	2006 CONSTRUCTION	
R002-113	NEEVER COURT	7	SHADY VALE LANE	EAST END	45 LOCAL	URBAN	\$5,000	2006 CONSTRUCTION	
R002-114	LEE ANNE CT	7	PHILLIPS LANE	SOUTH END	80 LOCAL	URBAN	\$11,000	2006 CONSTRUCTION	
R002-115	SOPHY COURT	8	PHILLIPS LANE	SOUTH END	105 LOCAL	URBAN	\$14,000	2006 CONSTRUCTION	
R002-116	CAMPBELL AVE	18	WELANE CRES	ARMKLEAVE AVE	495 LOCAL	URBAN	\$77,000	2007 CONSTRUCTION	
R002-117	ANDON DR	14	KEELE ST	SABT END	845 INDUSTRIAL	URBAN	\$124,000	2007 CONSTRUCTION	
R002-118	JOHNS MAS CHIEF	14	CENTRE ST	SOUTH END	385 LOCAL	RURAL	\$18,000	2007 CONSTRUCTION	
R002-119	HAWMAN AVE	14	KIPJICANE	EAST END	345 LOCAL	RURAL	\$19,000	2007 CONSTRUCTION	
R002-120	MULLEN DR	14	NEW WESTWATER DR	COLVIE CRES	795 LOCAL	URBAN	\$80,000	2007 CONSTRUCTION	
R002-121	THORNHURTY CIRCLE	12	SPRING GATE BLVD	SPRING GATE BLVD	345 LOCAL	URBAN	\$49,000	2007 CONSTRUCTION	
R002-122	BELLEEK AVE	12	HIGHWAY 7	SALDOWN AVE	385 LOCAL	URBAN	\$95,000	2007 CONSTRUCTION	
R002-123	GLASS HILL BLVD	23	TEXTON RD	4708 NORTH	415 LOCAL	URBAN	\$86,000	2007 CONSTRUCTION	
R002-124	ROSEBORN LANE	17	TEXTON RD	SCOTCH RD	285 INDUSTRIAL	URBAN	\$44,000	2007 CONSTRUCTION	
R002-125	MALMO CT	14	RICHIEA RD	WEST END	245 INDUSTRIAL	RURAL	\$27,000	2007 CONSTRUCTION	
R002-126	GAMAL BURN BLVD	9	4708 N OF TEXTON RD	MOUTH END	345 LOCAL	URBAN	\$48,000	2007 CONSTRUCTION	
R002-127	RICHMOND ST	8	MAJOR BRODRENCE DR	WEST LANE	595 LOCAL	URBAN	\$18,000	2007 CONSTRUCTION	

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ITEM NO.	ROAD NAME	PRIORITY RATING	FROM	TO	LENGTH (M)	TYPE OF ROAD	URBAN/ RURAL	ESTIMATED COST	COMMENTS
PS02-126	WOODLAND ACRES	11	BATHURST ST.	NORTH END	2,262	LOCAL	URBAN	\$337,000	2007 CONSTRUCTION
PS02-128	WALDRON AVE.	8	HOOPWAY F	ROCKVIEW GARDENS AVE.	300	LOCAL	URBAN	\$43,000	2007 CONSTRUCTION
PS02-130	BRANBACK CR.	10	NORTH GARDMERE RD.	EAST END	230	ROUSTRAL	URBAN	\$30,000	2007 CONSTRUCTION
PS02-131	MILNER GATE	9	MULLER DR.	BATHURST ST.	328	LOCAL	URBAN	\$39,000	2007 CONSTRUCTION
PS02-132	GILMORE CREEK	7	MULLER DR.	MULLER DR.	246	LOCAL	URBAN	\$45,000	2007 CONSTRUCTION
PS02-133	HELEVENA CT.	8	PHILSOZE AVE.	SOUTH END	228	LOCAL	URBAN	\$70,000	2007 CONSTRUCTION
								\$5,998,000	

Attachment 2

FIVE YEAR ROAD PROGRAMS - ROAD RECONSTRUCTION									
ITEM NO.	ROAD NAME	PRIORITY RANKING	FROM	TO	LENGTH (M)	TYPE OF ROAD	URBAN RURAL	ESTIMATED COST	COMMENTS
RC02-1	CLARENCE ST.	31	NORTH OF HOOVER RD	WYTHE (R) RD	138	LOCAL	RURAL	\$1,166,000,2002 CONSTRUCTION	
RC02-2	BOWLES RD	47	RIVERMEADE RD	KEELE ST	1100	PROCTER	RURAL	\$28,300,2002 CONSTRUCTION	
RC02-3	BOWLES RD	44	HIGHWAY 7	RIVERMEADE RD	863	INDUSTRIAL	RURAL	\$394,000,2002 CONSTRUCTION	
RC02-4	BROOKENHOF RD	34	KEELE ST	3/4 MILE WEST OF KEELE ST	400	INDUSTRIAL	RURAL	\$314,000,2002 CONSTR. (INCL. IN 2002 CAP BUD.)	
RC02-5	OLD WILLE RD	31	WALLS RD	WALLS RD	209	LOCAL	RURAL	\$122,000,2002 CONSTR. (INCL. IN 2002 CAP BUD.)	
RC02-6	LONGMEADE RD	34	WYTHE ST	WEST END	364	LOCAL	URBAN	\$122,000,2002 CONSTR. (INCL. IN 2002 CAP BUD.)	
RC02-7	LEIDON CT (ROAD)	34	1/2 MI NORTH OF BURGESS	NORTH END	165	LOCAL	RURAL	\$133,000,01 V. TRIPLE SWM (NEW) (2002 CONSTR.)	
RC02-8	LONGMEADE RD	34	YONKE ST	WEST END	864	LOCAL	URBAN	\$133,000,2002 CONSTR. (INCL. IN 2002 CAP BUD.)	
RC02-9	WYTHE RD	55	CHEM TOWNS	NORTH RIVERMEADE RD	499	INDUSTRIAL	URBAN	\$1,147,000,2003 RECONSTRUCTION PROJECT, FOLLOWING BOWLES RD, LEAD	
RC02-10	PINE LAKE RD EAST	51	RUMBLE RIVER	PINE VALLEY DR	503	RESIDENTIAL	RURAL	\$132,200,2003 CONSTRUCTION	
RC02-11	WYTHE ST	48	C P WINDERS	WYTHEWAY ST	1400	LOCAL	RURAL	\$2,441,000,2003 RECONSTRUCTION PROJECT	
RC02-12	GAMBLE ST	29	SEBASTIAN AVE	WYTHE HEIGHTS	300	LOCAL	RURAL	\$321,000,2003 CONSTR. (INCL. IN 2002 CAP BUDGET)	
RC02-13	WOODVIEW RD	31	REVERDE DR	BIRCH HILL RD	107	LOCAL	RURAL	\$41,300,2003 CONSTRUCTION	
RC02-14	RICH HILL ROAD	28	REVERDE DR	PINE RIDGE AVE	137	LOCAL	RURAL	\$52,800,2003 CONSTRUCTION	
RC02-15	PINE RIDGE AVE	28	WOODVIEW RD	SOUTH END	244	LOCAL	RURAL	\$52,800,2003 CONSTRUCTION	
RC02-16	JANESON DR	24	LEWIS ST	WEST END	369	LOCAL	RURAL	\$153,000,2003 CONSTRUCTION	
RC02-17	OLD YONKE ST	31	CEMERE ST	TO MILE ST	262	LOCAL	RURAL	\$95,000,2003 CONSTR. (INCL. IN 2002 CAP BUDGET)	
RC02-18	SHASTA DR	26	WYLANDS AVE	BURGER RD	229	LOCAL	URBAN	\$11,500,2003 CONSTR. (INCL. IN 2002 CAP BUDGET)	
RC02-19	SHASTA DR	9	BURGER DR	LONGMEADE RD	113	LOCAL	URBAN	\$10,000,2003 CONSTR. (INCL. IN 2002 CAP BUDGET)	
RC02-20	SHASTA DR	9	WYTHEWAY BLVD	KILSWAY DR	290	LOCAL	URBAN	\$35,000,2003 CONSTR. (INCL. IN 2002 CAP BUDGET)	
RC02-21	WYTHE RD	17	WYLANDS AVE	COLLEEN DR	162	LOCAL	URBAN	\$17,000,2003 CONSTR. (INCL. IN 2002 CAP BUDGET)	
RC02-22	MEADOW HEIGHTS CT	18	INVERSIDE BLVD	WEST END	129	LOCAL	URBAN	\$17,000,2003 CONSTR. (INCL. IN 2002 CAP BUDGET)	
RC02-23	WYTHE RD	14	RAM. SOUTH OF INESWIFT	LONGMEADE RD	228	LOCAL	URBAN	\$32,000,2003 CONSTR. (INCL. IN 2002 CAP BUDGET)	
RC02-24	WYTHEWAY DR	14	WYTHEWAY BLVD	LONGMEADE RD	166	LOCAL	URBAN	\$85,000,2003 CONSTR. (INCL. IN 2002 CAP BUDGET)	
RC02-25	WYTHEWAY BLVD	14	WYLANDS AVE	LONGMEADE RD	343	LOCAL	URBAN	\$23,000,2003 CONSTR. (INCL. IN 2002 CAP BUDGET)	
RC02-26	BURGER RD	14	YONKE ST	SHASTA DR	206	LOCAL	URBAN	\$45,000,2003 CONSTR. (INCL. IN 2002 CAP BUDGET)	
RC02-27	MILL ST	24	OLD YONKE ST	WEST END	244	LOCAL	RURAL	\$45,000,2003 CONSTR. (INCL. WITH OLD YONKE ST, L12)	
RC02-28	PINE GROVE RD WEST	18	SEBASTIAN AVE	RUMBLE RIVER	891	LOCAL	RURAL	\$174,000,2002 CONSTRUCTION	
RC02-29	WYLANDS AVE	43	INVERSIDE BLVD	WEST END	261	LOCAL	RURAL	\$278,000,2004 CONSTRUCTION (INCL. IN 2002 CAP BUD.)	
RC02-30	HELIX AVENUE	27	YONKE ST	REVERDE BLVD	346	LOCAL	RURAL	\$106,000,2004 CONSTRUCTION (INCL. IN 2002 CAP BUD.)	
RC02-31	THORNHILL AVE	25	YONKE ST	REVERDE BLVD	688	LOCAL	RURAL	\$48,000,2004 CONSTRUCTION (INCL. IN 2002 CAP BUD.)	
RC02-32	THORNHILL AVE	24	3/4 MI WEST OF YONKE ST	REVERDE BLVD	205	LOCAL	RURAL	\$437,000,2004 CONSTRUCTION (INCL. IN 2002 CAP BUD.)	
RC02-33	PARKWAY AVE	23	INVERSIDE BLVD	THORNHILL AVE	188	LOCAL	RURAL	\$2,418,000,2004 CONSTRUCTION (INCL. IN 2002 CAP BUD.)	
RC02-34	REVERDE BLVD	23	HELIX AVE	WYLANDS AVE	128	LOCAL	RURAL	\$1,118,000,2004 CONSTRUCTION (INCL. IN 2002 CAP BUD.)	
RC02-35	FAMILIA AVE	27	REVERDE BLVD	THORNHILL AVE	162	LOCAL	RURAL	\$2,184,000,2004 CONSTRUCTION (INCL. IN 2002 CAP BUD.)	
RC02-36	NORTHMEADOW RD	27	WYTHEWAY BLVD	LONGMEADE RD	408	LOCAL	URBAN	\$427,000,2004 CONSTRUCTION	
RC02-37	WYTHE RD	37	3/4 MI N. OF OSTER LANE	WYTHE RD	228	INDUSTRIAL	RURAL	\$118,000,2004 CONSTRUCTION	
RC02-38	WYTHE RD	37	SCATH END	OSTER LANE	198	INDUSTRIAL	RURAL	\$175,000,2004 CONSTRUCTION	
RC02-39	OSTER LANE	28	WYTHE RD	BOWLES RD	426	INDUSTRIAL	RURAL	\$48,000,2004 CONSTRUCTION	
RC02-40	SHANOCK DR	28	NORTH RIVERMEADE RD	LONGMEADE RD	1,380	INDUSTRIAL	URBAN	\$281,000,2004 CONSTRUCTION	
RC02-41	COANNE CREEK	23	LANGSAY RD	WYTHEWAY DR	782	INDUSTRIAL	URBAN	\$488,000,2004 CONSTRUCTION	
RC02-42	WYTHE RD	21	INVERSIDE RD	BOWLES RD	50	INDUSTRIAL	URBAN	\$488,000,2004 Constructions	
RC02-43	COANNE CREEK	27	KEELE ST	WEST END	879	INDUSTRIAL	URBAN	\$879,000,2004 CONSTRUCTION	
RC02-44	GLENN VALLEY DR	28	STEVENSON AVE	EAST END	340	LOCAL	RURAL	\$62,000,2005 CONSTRUCTION	

Attachment 2

FIVE YEAR ROAD PROGRAMS - ROAD RECONSTRUCTION									
ITEM NO.	ROAD NAME	PRIORITY	FROM	TO	LENGTH (MI)	TYPE OF ROAD	URBAN/RURAL	ESTIMATED COST	COMMENTS
RC02-4R	BROOKE ST	24	ARMOLD AVE.	CENTRE ST	300	LOCAL	RURAL	\$581,000,000 CONSTRUCTION	
RC02-4R	JAME ST	29	BROOKE ST	YONGE ST	188	LOCAL	RURAL	\$259,000,000 CONSTRUCTION	
RC02-4R	RAYMUND DR	24	THORNHEDGE DR	9.8 KM NORTH	52	LOCAL	RURAL	\$71,000,000 CONSTRUCTION	
RC02-4R	CLARIBANK STREET	27	ARMOLD AVE	CALVIN CHAMBERS RD	368	LOCAL	RURAL	\$418,000,000 CONSTRUCTION	
RC02-4R	STEVENSON AVE	26	MARSHALL RD	VALLEYVIEW CT	229	LOCAL	RURAL	\$80,000,000 CONSTRUCTION	
RC02-4R	THORNHEDGE DR	24	BROOKE ST	WEST END	684	LOCAL	RURAL	\$1,607,000,000 CONSTRUCTION	
RC02-4R	ELIZABETH ST	30	THORNHEDGE DR	LENTRE ST	244	LOCAL	RURAL	\$319,000,000 CONSTRUCTION	
RC02-4R	CHARLES ST	13	ARMOLD AVE	THORNHEDGE DR	183	LOCAL	RURAL	\$208,000,000 CONSTRUCTION	
RC02-4R	COLDSPRING RD	19	MARSHALL RD	SOUTH END	480	LOCAL	RURAL	\$1,050,000,000 CONSTRUCTION	
RC02-4R	VALLEYVIEW CT	17	STEVENSON AVE	EAST END	182	LOCAL	RURAL	\$41,500,000 CONSTRUCTION	
RC02-4R	BROOKE ST	15	ARMOLD AVE	SOUTH END	300	LOCAL	RURAL	\$27,000,000 CONSTRUCTION	
RC02-4R	ALEN'S RD	16	MARSHALL RD	NORTH END	281	LOCAL	RURAL	\$83,950,000 CONSTRUCTION	
RC02-4R	CALVIN CHAMBERS RD	12	CLARIBANK ST	1289 WEST	130	LOCAL	RURAL	\$140,500,000 CONSTRUCTION	
RC02-4R	HILLWOOD COURT	15	HILLWOOD PARKWAY	EAST END	132	LOCAL	RURAL	\$41,000,000 CONSTRUCTION	
RC02-4R	MILLWOOD PARKWAY	18	MAJOR MCKENZIE DR	9.4 KM NORTH	268	LOCAL	RURAL	\$104,000,000 CONSTRUCTION	
RC02-4R	GORDON DR	19	WINDY AVE	WEST LIMIT	200	LOCAL	RURAL	\$227,000,000 CONSTRUCTION	
RC02-4R	BRIMONS STREET	17	2.48 KM SOUTH OF RUTHERFORD DR RD	RUTHERFORD DR RD	500	LOCAL	RURAL	\$120,000,000 CONSTRUCTION	
RC02-4R	SARICH TRAIL RD	17	PLANTATION RD	WEST END	860	LOCAL	RURAL	\$347,000,000 CONSTRUCTION	
RC02-4R	BRIDON CR	17	HIGHWAY 7	WEST END	260	LOCAL	RURAL	\$72,800,000 CONSTRUCTION	
RC02-4R	BELL CT	16	SUNBATH AVE	WEST END	100	LOCAL	RURAL	\$24,800,000 CONSTRUCTION	
RC02-4R	MCDONALD ST	13	KEBLE ST	SOUTH END	388	LOCAL	RURAL	\$79,000,000 CONSTRUCTION	
RC02-4R	WOOD END PLACE	13	MAJOR MCKENZIE DR	SOUTH END	280	LOCAL	RURAL	\$79,000,000 CONSTRUCTION	
RC02-4R	CAREWAK HILL	22	CENTRE ST	THORNHEDGE DR	282	LOCAL	RURAL	\$321,000,000 DUE TO SAN SEW ISSUES	
RC02-4R	ELMBANK RD	33	CENTRE ST	THORNHEDGE DR	274	LOCAL	RURAL	\$358,000,000 DUE TO SAN SEW ISSUES	
RC02-4R	THORNHEDGE DR	32	CENTRE ST	W END	1040	LOCAL	RURAL	\$4,300,000,000 DUE TO SAN SEW ISSUES	
RC02-4R	ERICK ROAD	33	CENTRE ST	THORNHEDGE DR	282	LOCAL	RURAL	\$321,000,000 DUE TO SAN SEW ISSUES	
RC02-4R	HARTMAN AVE	17	ELBANK AVE	EAST END	188	LOCAL	RURAL	\$27,000,000 TO BE REFERRED TO PUBLIC WORKS	
RC02-4R	MCKENZIE STREET	29	HIGHWAY 7	EAST END	148	LOCAL	RURAL	\$208,000,000 (ISOLATED)	
RC02-4R	WALLACE STREET	24	HIGHWAY 7	SOUTH END	160	LOCAL	RURAL	\$175,000,000 (ISOLATED)	
RC02-4R	MALLOY ST	22	KEBLE ST	NORTH END	300	INDUSTRIAL	RURAL	\$42,000,000 (ISOLATED)	
RC02-4R	SAVERDALE GATE	19	STECOMAN'S HILL RD	REYNOLDS CT	52	LOCAL	RURAL	\$12,000,000 (ISOLATED)	
RC02-4R	SAVERDALE COURT	19	WEST END	EAST END	213	LOCAL	RURAL	\$87,000,000 (ISOLATED)	
RC02-4R	MEMORIAL HILL DR	18	WALLACE ST	WEST LIMIT	100	LOCAL	RURAL	\$27,000,000 (ISOLATED)	
								\$23,151,000	

*According to Rural Roads Study, 2008 Issues
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	PREVIOUS PRIORITY NO.	COMMENTS
BR01-1	KIRBY ROAD	32	1.0KM WEST OF HWY 27	HWYWAY 27	1,000	\$116,000	N/A	PENDING DEVELOPMENT
BR01-2	HUNTINGTON RD.	49	FOCAL ROAD	FOCAL ROAD	700	\$415,000	5	PENDING DEVELOPMENT
BR01-3	HUNTINGTON RD.	41	FOCAL CT	LANSDAFF RD.	1,400	\$308,000	5	PENDING DEVELOPMENT
BR01-4	MILL ROAD	39	KING VAUGHAN RD.	KING VAUGHAN CT.	600	\$500,000	N/A	DEFER DUE TO LOW VOLUME OF TRAFFIC
BR01-5	KIRBY ROAD	39	0.3KM E. KIRBY AVE	PINE VALLEY DR.	1,000	\$485,000	11	2002 CONSTRUCTION ENCL. IN 2001 CAP. (MUL.)
BR01-6	KIRBY ROAD	39	PINE VALLEY RD.	STEPHANE BLVD.	880	\$145,000	N/A	2002 CONSTRUCTION (MUL. IN 2001 CAP. (MUL.)
BR01-7	KING VAUGHAN	43	REELE ST	DUFFERIN ST.	1,000	\$481,000	13	2003 CONSTRUCTION
BR01-8	KING VAUGHAN	N/A	DUFFERIN ST.	SATHERST ST.	1,500	\$481,000	N/A	2003 CONSTRUCTION
BR01-9	KIRBY ROAD	35	0.9KM W OF JANE ST	JANE STREET	800	\$148,000	10	2003 CONSTRUCTION
BR01-10	KIRBY ROAD	29	WESTON RD.	1.2KM N. JANE ST.	900	\$182,000	15	2003 CONSTRUCTION
BR01-11	KIRBY ROAD	29	JANE STREET	CHR. TRACKS	1,000	\$334,000	21	2003 CONSTRUCTION
BR01-12	KIRBY ROAD	19	CHR. TRACKS	HEALE ST.	300	\$51,000	21	2003 CONSTRUCTION
BR01-13	HUNTINGTON RD.	40	WAINVILLE RD.	0.9KM E. KIRBY RD.	1,000	\$481,000	9	2004 CONSTRUCTION
BR01-14	HUNTINGTON RD.	39	LANSDAFF RD.	RUTHERFORD RD.	1,500	\$556,000	12	2004 CONSTRUCTION
BR01-15	HUNTINGTON RD.	31	MALCOLM MACDONALD DR.	WAINVILLE RD.	2,100	\$485,000	14	2004 CONSTRUCTION
BR01-16	HUNTINGTON RD.	30	RUTHERFORD RD.	MCCURT MACKINOSE	2,100	\$600,000	16	2004 CONSTRUCTION
BR01-17	HUNTINGTON RD.	19	0.9KM S. OF KIRBY RD.	KIRBY RD.	300	\$77,000	N/A	2004 CONSTRUCTION
BR01-18	KIRBY ROAD	41	ALBION VAUGHAN RD.	COLD CREEK RD.	200	\$122,000	7	2005 CONSTRUCTION
BR01-19	COLD CREEK RD.	40	WAINVILLE RD.	KIRBY RD.	2,100	\$422,500	7	2005 CONSTRUCTION
BR01-20	KING VAUGHAN	36	ALBION VAUGHAN RD.	COLD CREEK RD.	990	\$180,000	10	2005 CONSTRUCTION
BR01-21	COLD CREEK RD.	32	KIRBY ROAD	KING VAUGHAN RD.	2,000	\$472,000	16	2005 CONSTRUCTION
BR01-22	KIRBY RD.	29	COLD CREEK RD.	HUNTINGTON RD.	2,900	\$1,254,000	27	2005 CONSTRUCTION
BR01-23	PINE VALLEY DR.	25	KIRBY ROAD	KING VAUGHAN RD.	2,100	\$580,000	26	2006 CONSTRUCTION
BR01-24	KING VAUGHAN	34	HWYWAY 27	KIRBY AVE.	2,100	\$1,260,000	30	2006 CONST. (ANNUAL MAINTENANCE BRIDGE)
BR01-25	MCCALLINEY RD.	34	RUTHERFORD RD.	1.0KM NORTH	1,000	\$700,000	35	2007 CONSTRUCTION
BR01-26	KIRBY AVE.	32	KIRBY ROAD	KING VAUGHAN RD.	1,600	\$307,000	26	2007 CONSTRUCTION
BR01-27	NOYARD AVE.	31	TESTON RD.	KIRBY RD.	2,000	\$148,000	32	2007 CONSTRUCTION
BR01-28	MCCALLINEY RD.	55	0.9KM N. RUTHERFORD	HUNTINGTON RD.	900	\$300,000	N/A	2007 CONSTRUCTION
BR01-29	KING VAUGHAN	27	WESTON RD.	0.9KM E. WESTON	600	\$142,000	N/A	2007 CONSTRUCTION
BR01-30	KIRBY ROAD	29	STEPHANE BLVD.	WESTON RD.	1,200	\$482,000	N/A	2007 CONSTRUCTION
BR01-31	KIRBY ROAD	19	HWYWAY 27	KIRBY AVE.	2,100	\$410,000	N/A	2007 CONSTRUCTION
BR01-32	ICE ROAD	30	WAINVILLE RD.	HUNTINGTON RD.	900	\$65,000	N/A	PENDING DEVELOPMENT (TO BE CLOSED)
BR01-33	MOJEL ROAD	25	HWYWAY 27	SOUTH END	400	\$87,000	30	PUBLIC WORKS MAINTENANCE
BR01-34	KIRBY AVE.	21	0.9KM S. OF COLES AVE.	0.9KM S. OF COLES AVE.	900	\$86,000	33	PUBLIC WORKS MAINTENANCE
						\$12,087,000		