



Town of Petawawa  
Infrastructure Study Update  
2013

Appendix



**Jp2g Consultants Inc.**

ENGINEERS • PLANNERS • PROJECT MANAGERS  
PEMBROKE • OTTAWA

**APPENDIX A**

**EXCERPTS FROM SECTION 15  
REGARDING TRANSPORTATION  
AND SECTION 16  
REGARDING SEWAGE AND WATER SYSTEMS  
OF  
THE TOWN OF PETAWAWA'S  
OFFICIAL PLAN**

## SECTION 15.0 – TRANSPORTATION

### 15.1 GENERAL INTENT

The road network is extremely important for the safety and convenience of residents of the Municipality. Provincial highways and County and Town roads form the network of public roads. Private roads are another class of vehicle access, the use and maintenance of which are the responsibility of the abutting landowners.

The Transportation policies are intended to promote the creation and maintenance of a safe and efficient road system within the financial capability of the Municipality, and to ensure cooperation with the Ontario Ministry of Transportation.

### 15.2 OBJECTIVES

- (1) To maintain the safety and efficiency of the road system.
- (2) To prevent undue increases in the proportion of expenditures on roads.
- (3) To ensure that all new development has suitable and legal access.
- (4) To protect corridors and rights-of-way for significant transportation and infrastructure facilities.
- (5) To prevent incompatible development from locating adjacent to transportation corridor or facility.

### 15.3 POLICIES

- (1) The location of roads or intersections of roads is only approximate. As areas are developed it may be necessary to alter the alignment or location of the proposed roads or intersection of roads. Such alterations shall not require an amendment to this Plan provided that:
  - (a) existing built-up areas in the path of such proposals are not unfavourably affected;
  - (b) where access to a road under the jurisdiction of another authority is affected, the appropriate Municipal, County or Provincial authority is notified and is in agreement with the proposed alteration; and
  - (c) the area and location of the adjacent land use designations are not affected in any major way.
- (2) Truck traffic will be regulated by a by-law pursuant to the Municipal Act.

- (3) Reference should be made to the applicable General Policies for Development found in Section 18 of this Plan.

## 15.4 CLASSIFICATIONS

- (1) Roads are divided into the following main classifications:

Provincial Highway  
County  
Municipal  
Seasonal Municipal  
Private

The road classification, which is shown on the Schedule 'A', is based on the Town's road naming by-law which was passed by Council as part of the civic addressing component of the implementation of the 911 emergency system. The road classification is general and is considered as accurate as possible. However, the final determination of the status of individual roads rests with the appropriate road authority.

- (2) Provincial Highway

Provincial Highways generally carry large volumes of traffic between major generators of traffic at high speeds and under free flowing conditions with access restricted to grade-separated intersections. The Ministry of Transportation has jurisdiction over Highway No. 17 (a Class I Freeway/Expressway) in this area. No direct property accesses will be granted.

- (3) County Roads

The County of Renfrew Roads Department is responsible for County Roads as identified on Schedule 'A'. The County of Renfrew categorizes its roads into the following classifications:

- (a) Major Arterial - County Road 51 - Petawawa Boulevard.
- (b) Minor Arterial - County Road 26 - Doran Road from Petawawa Boulevard to Provincial Highway 17.  
County Road 37 - Murphy Road from Petawawa Boulevard to Provincial Highway 17.  
County Road 55 - Paquette Road.
- (c) Collector - County Road 25 - Laurentian Drive  
County Road 16 - Victoria Street  
County Road 28 - Barron Canyon Road

This classification may change from time to time. Such changes will not require an amendment to this Plan.

Any development that proposes access to, or frontage on, County Roads shall satisfy the requirements of the County of Renfrew Roads Department.

(4) Municipal Roads

The Town is responsible for municipal roads as identified on the Schedule A to this Plan.

Where a road is required to be upgraded, a professional engineer shall design and supervise the upgrading of the road at the expense of the developer. Council may assume or bring the road up to standard under local improvement provided all property owners abutting the road sign the petition for local improvement purposes.

The creation of a new road or a minor extension of an existing public road may be undertaken, subject to the approval of Council. A professional engineer shall design and supervise the construction of the road at the expense of the developer. Once the construction is completed, the road (except for a Private Road) shall be dedicated by the developer and assumed by the Municipality.

(5) Private Roads

A private road is one which provides access by means of a registered right-of-way to private property, the use and maintenance of which is the responsibility of the abutting owners. The Municipality will not assume any road until it is constructed to Municipal standards and unless it abuts an existing public road which is maintained year round. Until a road is assumed by by-law, the Municipality shall not be responsible for any road maintenance, snow plowing, garbage collection or other road dependent services. No new lots will be permitted on a private road.

## 15.5 INTERSECTION AND CROSSING IMPROVEMENTS

No development or redevelopment of lands shall be approved in close proximity to an intersection of railway crossing which is scheduled for improvement until this improvement has been sufficiently designed to determine the land required for such improvement.

It is intended that, wherever possible, as traffic conditions warrant, improvements in the form of jog elimination, sight triangles, regulation of turning movement, proper signing, installation of traffic signals, marking of traffic lanes and channelization instruction will be undertaken.

## 15.6 ACCESS TO DEVELOPMENTS

Unless specified otherwise in this Plan, development shall only be permitted if access to a public road of adequate width and standard acceptable to the Municipality is available or established as a condition of approval.

The location of an access driveway should not create a traffic hazard because of its concealment by a curve, grade or other visual obstruction. Access driveways should be limited in number and designed as to minimize the dangers to vehicular and pedestrian traffic in the vicinity.

## 15.7 LAND ACQUISITION FOR ROADS PURPOSES

Where land is required for road widening, road extensions, road rights-of-way, intersections or railway crossing improvements, such land shall be obtained by the appropriate agency in the course of approving plans of subdivision, development applications and consents for land severances. Any proposals to widen, extend, or improve roads in the Municipality should take into account the scenic factors and natural attributes of the adjacent lands, particularly trees which may be on or near the road allowance.

## 15.8 NOISE ATTENUATION

A noise feasibility study, based on Ministry of Environment guidelines, will be required as part of an application which proposes residential or institutional development within 100 metres of a freeway right-of-way (i.e., Highway 17).

A noise feasibility study, based on Ministry of Environment guidelines, will be required as part of an application which proposes residential or institutional development within 100 metres of a principal main railway line right-of-way (i.e., the CPR line).

A noise feasibility study may not be required in the instances described above if there are existing, intervening buildings between the proposed development and the highway or rail line which buildings may serve to act as a noise attenuation barrier. A noise feasibility study may also not be required if the proposed development represents infilling.

A noise feasibility study may be requested by council when development is proposed near a transportation facility (e.g., major truck stop, stations, etc.) or if these facilities are being proposed.

Reference should also be made to the noise attenuation policies of the General Policies for Development section of this Plan.

## SECTION 16.0 - SEWAGE AND WATER SYSTEMS

### 16.1 GENERAL GOAL AND INTENT

#### \*(County Of Renfrew's Modification No. 22)\*

It is the intent of this Plan that the majority of new residential growth in the Town take place on full municipal water and sewage services in order to make efficient use of the existing public infrastructure and to limit growth pressures in the rural area. The lands designated in the Plan to accommodate this growth on full services is the Residential designation. This area is serviced by the Town's water treatment plant and sewage treatment plant. Both plants were formerly owned by the Department of National Defence. \*\*

\*Some residential development in the Town is on partial services service i.e., municipal water and private septic system.\* The area designated for development on one service is the Suburban designation. This designation corresponds to the area of the Town serviced by a municipal waterworks system that was installed in the former Township to serve the primarily residential development along the Petawawa Boulevard corridor. \*\* The water supply for this system was originally the City of Pembroke's water treatment plant.

\*However, the Town has connected the former Township's water distribution system to the former Village's system to create one unified system serviced by the Town of Petawawa's Water Treatment Plant. (The system can still draw water from the City of Pembroke's Water Treatment Plant. In fact, a portion of the Suburban designation - mainly in the McGuire subdivision - continues to be serviced by water pumped from the City of Pembroke.)\*

\*Both the water and sewage systems have reserve capacity for future growth.\*

Finally, additional, limited development on private wells and septic systems will be permitted in the Rural Residential designation and the Rural designation. The amount of new development in these last two designations will be controlled through the policies on consents and plans of subdivision.

\*In fully serviced areas, lot creations should be only permitted if sufficient reserve water and sewer plant capacity are available to accommodate it. Communal services are the preferred means of servicing multiple lots/units in areas where full municipal services are not or cannot be provided. Private services may be used for lot/unit creation where the use of communal systems is not feasible and where site conditions are suitable over the long term. Partial services are discouraged except where necessary to address failed services or because of physical constraints.\*

### 16.2 OBJECTIVES

- (1) To maintain sufficient capacity in both public water and sewage systems and facilities to provide for anticipated growth.

**\*(County Of Renfrew's Modification No. 23)\***

- (2) To direct the majority of new growth in the Town to lands serviced by public water and sewage systems, \*and except for minor infilling, discourage development on partial services.\*
- (3) To discourage incompatible development in areas surrounding water and sewage systems and facilities.

**16.3 POLICIES**

- (1) A feasibility study which assesses the potential adverse effects of odour, aerosols, noise, etc. will be required when development is proposed within 400 metres of an existing sewage treatment facility. New or expanded facilities will be subject to the regulations of the Ministry of the Environment.
- (2) All application for development within fully serviced areas will ensure that sufficient uncommitted reserves exist to service the development.
- (3) All development proposals consisting of six (6) or more lots on the basis of communal or individual services will require a servicing options statement and hydrogeological study.
- (4) All development proposed on private sewage systems will require approval under the Ontario Building Code. Development proposed on large subsurface systems (effluent greater than 10,000 litres per day) requires approval under the Ontario Water Resources Act and requires a hydrogeological study to satisfy the requirements of the Ministry of the Environment's "Reasonable Use Guideline".
- (5) Reference should be made to the applicable General Policies for Development found in Section 18 of this Plan.

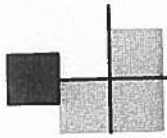
**\*(County of Renfrew's Modification No. 24)\***

- \*(6) Consents on partial services outside of the Suburban designation are permitted, subject to the relevant policies of this Plan.\*



**APPENDIX B**

**JP2G'S FEBRUARY 15, 2011  
SEWAGE TREATMENT PLANT  
CAPACITY ANALYSIS**



February 15, 2011

Town of Petawawa  
1111 Victoria Street  
Petawawa, Ontario  
K8H 2E6

Attention: Mitch Stillman, CAO/Clerk

by e-mail

**RE: Sewage Treatment Plant Capacity Analysis  
Town of Petawawa  
Our File No. 2106590A**

Dear Sir:

As requested, we have reviewed the Petawawa sewage plant flow records in order to estimate the hydraulic reserve capacity of the sewage plant and the equivalent number of household units that can be serviced to utilize the available reserve capacity as of December 31, 2010.

Based on OCWA records, the sewage plant flow data for the years 2005 to 2010 inclusive are summarized as follows:

Year	Total Annual Flow (m <sup>3</sup> )	Average Day Flow (m <sup>3</sup> /day)	Max. Day Flow (m <sup>3</sup> /day)	Peaking Factor
2005	1,863,924	5,107	8,341	1.6
2006	1,853,440	5,078	9,860	1.9
2007	1,909,043	5,230	9,881	1.9
2008	1,974,308	5,394	11,759	2.2
2009	2,091,652	5,731	7,410	1.3
2010	2,004,988	5,493	7,176	1.3

For the purposes of our analysis, we have used the following data:

1. Current average daily sewage flows as recorded at the sewage treatment plant: In accordance with MOE guidelines for estimating hydraulic reserve capacity, the normal procedure is to average the sewage plant flows for the past 3 years (2008, 2009, 2010) in order to establish the representative current average daily sewage flow.

The average for 2008, 2009 and 2010 is 5,539 m<sup>3</sup>/day.

2. The per capita average daily sewage flow: We have used 0.48 m<sup>3</sup>/cap/day (which is taken from the 2007 report on the sewage plant capacity analysis) on the assumption that the future development growth in the Town of Petawawa will result in a per capita average sewage flow of approximately 0.48 m<sup>3</sup>/cap/day.
3. The average number of persons per household unit: On the basis of historical data, we have assumed 2.4 persons per household.

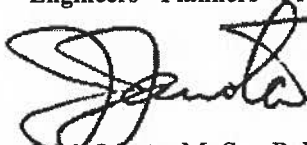
4. The rated capacity of the sewage treatment plant: Per the MOE Certificate of Approval, the rated capacity of the plant is 8,730 m<sup>3</sup>/day.

On the basis of the above data, we have estimated the number of household units that can be developed as follows:

Rated capacity of STP:	8,730 m <sup>3</sup> /day
Current average daily sewage flow:	5,539 m <sup>3</sup> /day (63%)
Reserve hydraulic capacity:	3,191 m <sup>3</sup> /day
Per capita average daily sewage flow:	0.48 m <sup>3</sup> /day
Estimated increase in population that can be serviced:	6,648 persons
Average number of persons per household unit:	2.4
Estimated number of household units to utilize reserve capacity: (new CFHA units or units within the Town of Petawawa sanitary services area)	2,770

As can be seen, our analysis indicates that, based on the assumptions outlined above, the number of household units that can be developed to utilize the available reserve capacity at the Town's sewage treatment plant is 2,770. It is important to note, however, that troop deployment out of CFB Petawawa can have a significant impact on average daily sewage flow in any given year which, in turn, would affect the calculated reserve hydraulic capacity for the sewage plant. This is likely the reason the 2010 flows were lower than those in 2009.

Yours very truly,  
**Jp2g Consultants Inc.**  
Engineers · Planners · Project Managers



J. M. Janota, M. Sc., P. Eng.  
President

JMJ/lr

**APPENDIX C**

**MEMO FROM DAN PATRICK JAN 12, 2010  
RE PETAWAWA/DND SANITARY  
AND STORM AGREEMENT**



TOWN OF PETAWAWA  
1111 Victoria Street  
Petawawa, ON K8H 2E6  
(613) 687-5536  
(613) 687-5973  
[www.petawawa.ca](http://www.petawawa.ca)

MEMO TO: Mitch Stillman, CAO  
FROM: Dan Patrick, Project Coordinator  
DATE: January 12, 2010  
RE: Petawawa/DND Sanitary and Storm Sewer Agreement

#### Reference Documents

1. Agreement between DND and Town of Petawawa dated 1998 ( no day noted)

#### Key Document Items

- DND owned Sanitary Treatment Plant (STP) associated collecting system and storm sewer system referred to as “the Works”.
- “The Works” are shown on an attached Schedule A and B. “The Works” are also shown in more detail on Plans LP90-8410-101, 101A and 101B attached to the 1993 Petawawa/DND Water agreement.
- DND to transfer ownership, administration and control of “the Works” to the Town.
- The Town agreed to operate, supervise, control, maintain, repair, administer and ensure “the Works” operate for benefit of DND and the Town.
- The Town to provide for treatment of up to 1.2 million gallons per day from the Base.
- DND to pay for sewer services at an industrial user rate. Usage to be based on sewage meter readings.
- DND to provide 12 months notice of any new connection to the sanitary or storm system and advise of any substantial change in usage.

- The Parties agreed “the Works” are to be maintained on a payment formula reflecting the percentage of use of the storm or sanitary sewer system.
- Upgrade costs for the STP and sewer mains were defined.
- Future capital expansion consented to by the Parties is to be assessable to both parties on a percentage of usage.

### Comments

1. The Town owns and is responsible for the maintenance of the STP and associated property.
2. The Town owns and maintains the sanitary sewer system from the Base property limit on Wolfe Avenue, along Wolfe and Victoria Street to the STP. Also a portion of the North Townsite sanitary sewer from the south side of Petawawa River to Victoria Street in the vicinity of Alfred Street.
3. The Town owns and maintains the storm sewer system from the Base property limit on Wolfe Avenue along Wolfe, through DND property to Violet Street along Violet to outfall at the Petawawa River below the Town of Petawawa Municipal Office.



Dan Patrick  
Project Coordinator

**APPENDIX D**

**SANITARY SEWER MODEL  
EXISTING CONDITIONS APRIL 2011**







APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cumulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	PIPE SPECIFICATIONS				PIPE DESIGN		PERCENTAGE OF UTILIZATION	REMARKS
			Res. units by section	Pop. per section								Individual Q(i) (L/s)	Cumulative (L/s)		Length of Pipe (m)	Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)		
<b>Vereyken Crescent Collector</b>																						
Vereyken Crescent	3527	3526	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	0.58	0.07	0.07	0.40	65	200	PVC DR 35	0.4	20.75	0.66	1.93	to Wilbert Street Collector
Vereyken Crescent	3526	3525	32	76.8	96	4.25	1.60	0.00	0.00	0.00	0.58	0.07	0.14	1.74	38	200	PVC DR 35	0.4	20.75	0.66	8.41	Start
Vereyken Crescent	3525	3522	38	91.2	187.2	4.16	3.06	1.66	1.66	0.58	0.86	0.10	0.24	3.88	187	200	PVC DR 35	0.4	20.75	0.66	18.71	
Vereyken Crescent	3522	3521	23	55.2	242.4	4.12	3.93	0.00	1.66	0.58	0.57	0.07	0.31	4.81	31	300	SCL 3300	0.06	23.69	0.34	20.32	
Vereyken Crescent	3521	3507	8	19.2	328.8	4.06	5.25	0.00	1.66	0.58	0.52	0.06	0.60	6.43	99	300	SCL 3300	0.25	48.36	0.68	13.30	
Vereyken Crescent	3527	3531	6	14.4	14.4	4.40	0.25	0.00	0.00	0.00	0.50	0.06	0.06	0.31	126	200	PVC DR 35	0.4	20.75	0.66	1.49	Start
Vereyken Crescent	3533	3531	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	0.76	0.09	0.09	0.63	94	200	PVC DR 35	0.4	20.75	0.66	3.01	Start
Vereyken Crescent	3531	3530	9	21.6	67.2	4.29	1.13	0.00	0.00	0.00	0.64	0.08	0.23	1.36	90	200	PVC DR 35	0.4	20.75	0.66	6.56	Branch Collector Vereyken Crescent
Vereyken Crescent	3530	3521	0	0	67.2	4.29	1.13	0.00	0.00	0.00	0.00	0.00	0.23	1.36	40	200	PVC DR 35	0.4	20.75	0.66	6.56	
<b>Wilbert Street Collector</b>																						
Wilbert Street	3507	3505	9	21.6	840	3.85	12.72	0.00	4.77	1.66	0.84	0.10	2.48	16.86	100	300	SCL 3300	0.25	48.36	0.68	34.86	to Violet Street Trunk
Wilbert Street	3505	3503	9	21.6	861.6	3.84	13.02	0.00	4.77	1.66	0.95	0.11	2.60	17.28	139	300	SCL 4000	0.25	48.36	0.68	35.72	Branch Collector Dundonald Drive
Wilbert to Violet St	3503	1037	0	0	861.6	3.84	13.02	0.00	4.77	1.66	0.00	0.00	2.60	17.28	309	300	SCL 4000	0.25	48.36	0.68	35.72	
Wilbert to Violet St	1037	1036	0	0	2546.4	3.50	35.09	0.00	18.57	6.45	0.00	0.00	9.75	51.29	69	400	SCL 5000	0.16	83.32	0.66	61.56	Branch Collector Maple Avenue
<b>Dundonald Drive Collector</b>																						
Herman to Cord 51	3510	3509	0	0	489.6	3.98	7.67	0.00	0.00	0.00	0.00	0.00	1.78	9.45	47	200	ACCL 3300	0.82	29.71	0.95	31.80	to Wilbert Street Collector
Cord 51 Cord 51	3509	3508	0	0	489.6	3.98	7.67	0.00	0.00	0.00	0.00	0.00	1.78	9.45	23	200	PVC SDR 35	2	46.39	1.48	20.36	Branch Collector Herman Street
Dundonald to Wilbert	3508	3507	0	0	489.6	3.98	7.67	0.00	3.11	1.08	0.00	0.00	1.78	10.53	95.2	250	PVC SDR 35	0.28	31.47	0.64	33.45	to Dundonald Drive Collector
<b>Herman Street System</b>																						
Laurentian Highlands -Phase 1A & B			0	0	0	4.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		200	PVC SDR 35	2	46.39	1.48	0.00	
Murphy Road		4000	95	228	228	4.13	3.70	0.00	0.00	0.00	5.54	0.66	0.66	4.37		200	PVC SDR 35	0.5	23.20	0.74	18.83	Includes flow for The Forest Subdivision (87 lots) and 8 lots along Murphy Road
Herman Street	4000	3542	4	9.6	237.6	4.12	3.85	0.00	0.00	0.00	0.48	0.06	0.72	4.57		200	ACCL 2400	0.4	20.75	0.66	22.05	
Herman Street	3542	3541	5	12	302.4	4.08	4.85	0.00	0.00	0.00	0.48	0.06	1.00	5.85	104	200	ACCL 2400	0.4	20.75	0.66	28.20	Branch Collector Laroche Crescent
Herman Street	3541	3510	25	60	362.4	4.04	5.76	0.00	0.00	0.00	1.94	0.23	1.23	7.00	101	200	ACCL 2400	0.4	20.75	0.66	33.72	
Herman Street	3561	3511	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.13	0.14	0.14	0.71	141	200	ACCL 2400	0.6	25.41	0.81	2.80	Start
Herman Street	3511	3510	0	0	127.2	4.21	2.11	0.00	0.00	0.00	0.00	0.00	0.55	2.66	24	200	ACCL 2400	0.4	20.75	0.66	12.81	Branch Collector Laroche Crescent
<b>Laroche Crescent System</b>																						
Laroche Crescent	3545	3542	22	52.8	52.8	4.31	0.90	0.00	0.00	0.00	1.83	0.22	0.22	1.12	242	200	ACCL 2400	0.4	20.75	0.66	5.37	to Herman Street Collector
<b>Laroche Crescent Collector</b>																						
Laroche Crescent	3516	3514	15	36	36	4.34	0.62	0.00	0.00	0.00	1.43	0.17	0.17	0.79	122	200	ACCL 2400	2	46.39	1.48	1.70	
Laroche Crescent	3514	3512	7	16.8	52.8	4.31	0.90	0.00	0.00	0.00	0.68	0.08	0.25	1.15	98	200	ACCL 2400	3.4	60.49	1.93	1.90	
Laroche Crescent	3512	3511	0	0	93.6	4.25	1.57	0.00	0.00	0.00	0.00	0.00	0.41	1.98	88	200	ACCL 2400	0.9	31.12	0.99	6.36	
<b>James Street System</b>																						
James Street	3551	3512	17	40.8	40.8	4.33	0.70	0.00	0.00	0.00	1.33	0.16	0.16	0.86	198	200	ACCL 2400	0.4	20.75	0.66	4.12	
<b>County Road 51 System</b>																						
Cord 51	3573	3508	0	0	0	4.50	0.00	1.84	1.84	0.64	0.00	0.00	0.00	0.64		200	SCL 2400	0.4	20.75	0.66	3.08	
Cord 51	3583	3508	0	0	0	4.50	0.00	1.27	1.27	0.44	0.00	0.00	0.00	0.44	293	200	SCL 2400	0.39	20.49	0.65	2.15	
<b>Mohns Avenue Collector</b>																						
Mohns Avenue	2753	1035	8	19.2	19.2	4.38	0.33	0.65	0.65	0.23	1.17	0.14	0.14	0.70	338	200	SCL 2400	0.4	20.75	0.66	3.36	
RCRCSS to Mohns Ave.	2770	2703	0	0	52.8	4.31	0.90	1.59	1.59	0.55	0.00	0.00	0.18	1.63	86	200	SCL 2400	0.4	20.75	0.66	7.86	
Mohns Avenue	2704	2703	0	0	0	4.50	0.00	0.87	0.87	0.30	0.00	0.00	0.00	0.30	22	200	SCL 2400	0.4	20.75	0.66	1.46	
Mohns Avenue	2703	2701	7	16.8	16.8	4.39	0.29	0.00	2.46	0.85	0.50	0.06	0.06	1.20	181	200	SCL 2400	0.4	20.75	0.66	5.80	
Mohns Avenue	2701	2700	0	0	16.8	4.39	0.29	0.00	2.46	0.85	0.00	0.00	0.06	1.20	22	200	SCL 2400	0.4	20.75	0.66	5.80	
Mohns Avenue	2700	1035	4	9.6	52.8	4.31	0.90	0.00	2.46	0.85	0.31	0.04	0.18	1.93	94	200	SCL 2400	0.4	20.75	0.66	9.31	
<b>Ethel Street System</b>																						
Ethel Street	2760	2700	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	0.71	0.09	0.09	0.54	74	200	SCL 2400	1.04	33.45	1.06	1.61	





APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cumulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	PIPE SPECIFICATIONS			PIPE DESIGN		PERCENTAGE OF UTILIZATION	REMARKS	
			Res. units by section	Pop. per section								Individual Q(i) (L/s)	Cumulative (L/s)		Length of Pipe (m)	Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)			Full Flow Velocity (m/s)
<b>Florence Street Collector</b>																						
Florence Street	3101	3100	0	0	132	4.21	2.19	0.00	0.00	0.00	0.00	0.00	0.54	2.72	117	200	SCL 2400	0.4	20.75	0.66	13.13	
Florence Street	3100	2820	4	9.6	175.2	4.17	2.87	0.00	0.00	0.00	0.32	0.04	0.71	3.59	86	200	SCL 2400	0.4	20.75	0.66	17.28	
<b>Russell Street System</b>																						
Russell Street	3105	3103	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	1.22	0.15	0.15	0.68	60	200	SCL 2400	0.4	20.75	0.66	3.28	
<b>Hilda Street System</b>																						
Hilda Street	3121	3101	16	38.4	38.4	4.34	0.66	0.00	0.00	0.00	1.34	0.16	0.16	0.82	174	200	SCL 2400	0.4	20.75	0.66	3.93	
<b>Craig Place System</b>																						
Craig Place	3111	3100	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.12	0.13	0.13	0.71	138	200	AC 2400	0.4	20.75	0.66	3.42	
<b>Edith Street Collector</b>																						
Edith Street	1048	1047	0	0	909.6	3.83	13.70	0.00	0.00	0.00	0.00	0.00	3.38	17.08	88	300	SCL 2400	0.3	52.98	0.75	32.23	
Edith Street	1047	1046	0	0	940.8	3.82	14.13	0.00	0.93	0.32	0.00	0.00	3.52	17.97	13	300	SCL 2400	0.3	52.98	0.75	33.92	
Edith Street	1046	1045	0	0	1154.4	3.76	17.08	0.00	1.53	0.53	0.00	0.00	4.50	22.11	91	300	SCL 2400	0.3	52.98	0.75	41.74	
Edith Street	1045	1044	0	0	1598.4	3.66	23.02	0.00	4.09	1.42	0.00	0.00	6.63	31.07	57	300	SCL 2400	0.3	52.98	0.75	58.64	
Edith to Cord 51	1044	1043	0	0	1598.4	3.66	23.02	0.00	4.09	1.42	0.00	0.00	6.63	31.07	79	300	SCL 2400	0.33	55.56	0.79	55.92	
<b>Selkirk Street Collector</b>																						
Selkirk Street	3323	3320	33	79.2	79.2	4.27	1.33	0.00	0.00	0.00	2.43	0.29	0.29	1.62	289	200	SCL 2400	0.36	19.68	0.63	8.24	
Selkirk Street	3320	3305	0	0	79.2	4.27	1.33	0.00	0.00	0.00	0.00	0.00	0.29	1.62	76	200	SCL 2400	9.04	98.63	3.14	1.64	
Selkirk Street	3305	3304	0	0	427.2	4.01	6.74	0.00	0.00	0.00	0.00	0.00	1.60	8.34	11	200	SCL 2400	2.03	46.74	1.49	17.83	
Selkirk Street	3304	1048	37	88.8	516	3.97	8.06	0.00	0.00	0.00	3.18	0.38	1.98	10.03	179	200	SCL 2400	0.6	25.41	0.81	39.49	
<b>Tangelwood Drive</b>																						
Tangelwood Drive	1054	1058	38	91.2	91.2	4.25	1.53	0.00	0.00	0.00	2.43	0.29	0.29	1.82		200	PVC	0.5	23.20	0.74	7.84	
<b>Edith Street Collector</b>																						
Edith Street	1058	1049	50	120	211.2	4.14	3.44	0.00	0.00	0.00	4.38	0.53	0.82	4.26	57	250	PVC	0.3	32.58	0.66	13.07	includes Briarwood Phase 3 lands
<b>Briarwood Drive Collector</b>																						
Briarwood Drive	1053	1051	27	64.8	64.8	4.29	1.09	0.00	0.00	0.00	1.51	0.18	0.18	1.28	191	200	PVC ULTRA RIB	0.4	20.75	0.66	6.15	Start
Briarwood Drive	1051	1049	26	62.4	127.2	4.21	2.11	0.00	0.00	0.00	1.19	0.14	0.32	2.43	184	200	PVC ULTRA RIB	1.3	37.40	1.19	6.50	
<b>Edith Street Collector</b>																						
Edith Street	1049	1048	3	7.2	345.6	4.05	5.51	0.00	0.00	0.00	0.38	0.05	1.19	6.70	103	250	PVC ULTRA RIB	0.3	32.58	0.66	20.56	
<b>Russel Street /System</b>																						
Russel Street	3105	3140	17	40.8	40.8	4.33	0.70	0.00	0.00	0.00	1.59	0.19	0.19	0.89	192	200	SCL 2400	0.52	23.66	0.75	3.75	
Selkirk Street	3140	1048	3	7.2	48	4.32	0.82	0.00	0.00	0.00	0.20	0.02	0.21	1.03	101	200	SCL 2400	0.4	20.75	0.66	4.97	
<b>Hemlock Street Collector</b>																						
Hemlock Street	3333	3330	32	76.8	151.2	4.19	2.49	0.00	0.00	0.00	2.42	0.29	0.60	3.09	275	200	CL 2400	0.57	24.77	0.79	12.49	from Woodlands Crescent Collector
Hemlock Street	3330	3306	0	0	151.2	4.19	2.49	0.00	0.00	0.00	0.00	0.00	0.60	3.09	89	200	CL 2400	3.63	62.50	1.99	4.95	
<b>Woodland Crescent System</b>																						
Woodland Crescent	3306	3305	0	0	348	4.05	5.55	0.00	0.00	0.00	0.00	0.00	1.31	6.85	91	200	CL 2400	2.05	46.97	1.50	14.59	Branch Collector Hemlock Street
<b>Spruce Street Collector</b>																						
Spruce Street	3350	3334	22	52.8	52.8	4.31	0.90	0.00	0.00	0.00	1.62	0.19	0.19	1.09	237	200	CL 2400	0.59	25.20	0.80	4.33	
<b>Woodland Crescent System</b>																						
Woodland Crescent	3334	3333	9	21.6	74.4	4.28	1.25	0.00	0.00	0.00	0.97	0.12	0.31	1.56	90	200	CL 2400	1.03	33.29	1.06	4.69	Branch Collector from Spruce St.
Woodland Crescent	3307	3306	7	16.8	196.8	4.15	3.21	0.00	0.00	0.00	0.22	0.03	0.70	3.92	90	200	CL 2400	3.72	63.27	2.01	6.19	Branch Collector from Spruce St.
<b>Spruce Street System</b>																						
Spruce Street	3350	3307	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	0.54	0.06	0.06	0.40	92	200	CL 2400	2.67	53.60	1.71	0.74	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cumulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	PIPE SPECIFICATIONS			PIPE DESIGN		PERCENTAGE OF UTILIZATION	REMARKS	
			Res. units by section	Pop. per section								Individual Q(i) (L/s)	Cumulative (L/s)		Length of Pipe (m)	Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)			Full Flow Velocity (m/s)
<b>Woodlands Crescent Collector</b>																						
Woodlands Crescent	3308	3307	2	4.8	160.8	4.18	2.65	0.00	0.00	0.00	0.22	0.03	0.61	3.26	90	200	CL 2400	0.4	20.75	0.66	15.71	Branch Collector from Oak St.
<b>Oak Street System</b>																						
Oak Avenue	3372	3308	28	67.2	67.2	4.29	1.13	0.00	0.00	0.00	2.02	0.24	0.24	1.38	329	200	PVC SDR 35	0.5	23.20	0.74	5.93	
<b>Woodlands Crescent Collector</b>																						
Woodlands Crescent	3313	3309	36	86.4	86.4	4.26	1.45	0.00	0.00	0.00	2.77	0.33	0.33	1.78	337	200	PVC SDR 35	0.4	20.75	0.66	8.58	
Woodland Crescent	3309	3308	1	2.4	88.8	4.26	1.49	0.00	0.00	0.00	0.10	0.01	0.34	1.83	84	200	PVC SDR 35	0.4	20.75	0.66	8.83	
<b>Murphy Road System</b>																						
Murphy Road	3411	3409	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	1.90	0.23	0.23	0.72	88	200	SCL 2400	0.4	20.75	0.66	3.48	
<b>Doran Road Collector</b>																						
Doran Road	3161	1046	2	4.8	4.8	4.44	0.08	0.60	0.60	0.21	0.15	0.02	0.02	0.31	86	200	SCL 2400	0.4	20.75	0.66	1.50	
Doran Road	3409	3406	36	86.4	115.2	4.23	1.92	0.00	0.00	0.00	2.93	0.35	0.58	2.50	264	200	SCL 2400	0.4	20.75	0.66	12.03	
Doran Road	3406	3405	0	0	115.2	4.23	1.92	0.00	0.00	0.00	0.00	0.00	0.58	2.50	124	200	SCL 2400	6.28	82.21	2.62	3.04	
Doran Road	3405	3404	0	0	115.2	4.23	1.92	0.00	0.00	0.00	0.00	0.00	0.58	2.50	14	200	SCL 2400	0.4	20.75	0.66	12.03	
Doran Road	3404	3401	23	55.2	170.4	4.17	2.80	0.00	0.00	0.00	2.08	0.25	0.83	3.63	269	200	SCL 2400	1.96	45.93	1.46	7.90	
Doran Road	3401	3400	3	7.2	177.6	4.17	2.91	0.00	0.00	0.00	0.20	0.02	0.85	3.77	76	200	SCL 2400	0.89	30.95	0.99	12.17	
Doran Road	3400	1046	13	31.2	208.8	4.14	3.40	0.00	0.00	0.00	0.98	0.12	0.97	4.37	111	200	SCL 2400	0.64	26.24	0.84	16.66	
<b>Hilda Street System</b>																						
Hilda Street	3153	3151	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	0.98	0.12	0.12	0.57	61	200	SCL 2400	0.4	20.75	0.66	2.75	
<b>Doran Road Collector</b>																						
Doran Road	3151	1047	2	4.8	31.2	4.35	0.53	0.93	0.93	0.32	0.15	0.02	0.14	0.99	82	200	SCL 2400	0.37	19.95	0.64	4.98	
<b>Mary Street Collector</b>																						
Mary Street	3227	3226	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	0.78	0.09	0.09	0.38	84	200	SCL 2400	0.4	20.75	0.66	1.85	to Edith Street Collector
Mary Street	3226	3223	22	52.8	69.6	4.28	1.17	0.00	0.00	0.00	1.77	0.21	0.31	1.48	86	200	SCL 2400	2.04	46.86	1.49	3.16	Start
Mary Street	3223	3221	19	45.6	115.2	4.23	1.92	0.00	0.00	0.00	1.57	0.19	0.49	2.41	85	200	SCL 2400	0.96	32.14	1.02	7.50	
Mary Street	3221	3200	10	24	139.2	4.20	2.30	0.00	0.00	0.00	0.75	0.09	0.58	2.89	82	200	SCL 2400	0.95	31.97	1.02	9.03	
Mary Street	3200	1045	10	24	436.8	4.00	6.88	0.00	2.56	0.89	0.75	0.09	2.09	9.86	131	200	SCL 2400	0.6	25.41	0.81	38.81	Branch Collector Laura Street
Mary Street	3260	1045	3	7.2	7.2	4.43	0.13	0.00	0.00	0.00	0.28	0.03	0.03	0.16	50	200	SCL 2400	0.4	20.75	0.66	0.77	Start
<b>Laura Street Collector</b>																						
Laura Street	3201	3200	0	0	273.6	4.10	4.41	0.00	2.56	0.89	1.28	0.15	1.42	6.72	78	200	SCL 2400	0.4	20.75	0.66	32.37	Murry Street Collector Branch Collector John Street
<b>John Street Collector</b>																						
John Street	3203	3201	12	28.8	259.2	4.10	4.19	0.00	2.56	0.89	0.77	0.09	1.18	6.25	68	200	SCL 2400	0.48	22.73	0.72	27.51	to Laura Street Collector
<b>Norman Street System</b>																						
Norman Street	3270	3204	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	0.47	0.06	0.06	0.55	105	200	SCL 2400	0.4	20.75	0.66	2.65	to John Street Collector
Norman Street	3204	3203	0	0	230.4	4.13	3.74	0.00	2.56	0.89	0.00	0.00	1.08	5.71	28	200	SCL 2400	0.4	20.75	0.66	27.54	Start Branch Collector John Street
<b>John Street Collector</b>																						
John Street	3252	3209	18	43.2	43.2	4.33	0.74	0.00	0.00	0.00	2.12	0.25	0.25	0.99	68	200	SCL 2400	1.08	34.09	1.09	2.90	to Laura Street Collector
John Street	3209	3206	17	40.8	136.8	4.20	2.26	0.00	0.00	0.00	1.69	0.20	0.75	3.01	93	200	SCL 2400	1.1	34.41	1.10	8.76	
John Street	3206	3204	17	40.8	201.6	4.15	3.29	0.00	2.56	0.89	1.56	0.19	1.03	5.21	83	200	SCL 2400	0.4	20.75	0.66	25.10	
John Street	3230	3201	6	14.4	14.4	4.40	0.25	0.00	0.00	0.00	0.72	0.09	0.09	0.34	80	200	SCL 2400	0.4	20.75	0.66	1.62	Start
<b>Herman Street System</b>																						
Herman Street	3241	3240	9	21.6	21.6	4.38	0.37	2.56	2.56	0.89	0.70	0.08	0.08	1.34	65	200	SCL 2400	0.4	20.75	0.66	6.48	to John Street Collector
Herman Street	3240	3206	1	2.4	24	4.37	0.41	0.00	2.56	0.89	0.06	0.01	0.09	1.39	88	200	SCL 2400	0.4	20.75	0.66	6.71	Start
<b>Roy Street System</b>																						
Roy Street	3212	3211	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	1.28	0.15	0.15	0.69	111	200	ACCL 2400	2.9	55.87	1.78	1.23	to John Street Collector
Roy Street	3211	3210	6	14.4	45.6	4.32	0.78	0.00	0.00	0.00	0.76	0.09	0.24	1.02	84	200	ACCL 2400	0.4	20.75	0.66	4.92	Start
Roy Street	3210	3209	3	7.2	52.8	4.31	0.90	0.00	0.00	0.00	0.40	0.05	0.29	1.19	82	200	ACCL 2400	0.4	20.75	0.66	5.73	



**APPENDIX E**

**TOWN OF PETAWAWA  
PETAWAWA EAST SANITARY SEWER  
CAPACITY ANALYSIS**



**TOWN OF PETAWAWA  
PETAWAWA EAST  
SANITARY SEWER SYSTEM CAPACITY ANALYSIS**

**PREPARED BY: Jp2g CONSULTANTS INC.  
12 INTERNATIONAL DRIVE  
PEMBROKE, ONTARIO K8A 6W5**

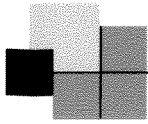
**PROJECT NO. 2085265A**

**JUNE 2009**



**Jp2g Consultants Inc.**

ENGINEERS · PLANNERS · PROJECT MANAGERS  
PEMBROKE · OTTAWA



June 15, 2009

Town of Petawawa  
1111 Victoria Street  
Petawawa, Ontario

Attention Mr. Mitch Stillman, CAO/Clerk

**Re Petawawa East Servicing Review  
Town of Petawawa  
Jp2g Project No. 2085265A**

Dear Sir:

As requested, we are pleased to submit our report on the sanitary servicing options for the proposed development lands in the area of Murphy Road and Petawawa Blvd. and the impact that these lands will have on the existing Petawawa East Pumping Station.

This report has been prepared with the input of Mr. Dan Patrick C.E.T.

We would be pleased to be present at a future council meeting in order to review the findings of this report with the Town Council.

**Yours truly,  
Jp2g Consultants Inc.  
Engineers ■ Planners ■ Project Managers**

Steven Webster, P.Eng.  
Principal, Pembroke Office Manager

SW/sw

Attachment

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**APPENDICES**

Appendix A	Original Service Area for Petawawa East Pumping Station including By-law 63/98
Appendix B	Sanitary Design Sheet for Original Pumping Station Design
Appendix C	Calibration of Sewage Flows at STP
Appendix D	Existing Condition Sanitary Sewer Model – 2009 updates
Appendix E	Revised Projected Flows for Stage 1 Development Area.
Appendix F	Existing Condition Sanitary Sewer Model – 2009 updates with Laurentian Highlands added at Herman Street

## 1.0 PURPOSE OF STUDY

The Petawawa East Pumping Station, located adjacent to Renfrew St. in the east end of Petawawa, was constructed in 1999 to service a new area of commercial and residential development within the Town. While the facility still has significant capacity for additional development, within the last year, there has been a considerable amount of proposed development activity in and around the area serviced by this pumping station. The purpose of this report is to determine what the ultimate drainage area for the pumping station should be and what long term upgrades need to be completed at the pumping station in order to service this ultimate drainage area. As these upgrades would be solely development driven, they should be incorporated into the Town's Development Charge By-law.

## 2.0 INITIAL PETAWAWA EAST PUMP STATION & FORCEMAIN DESIGN

### 2.1 Area of service limits and land uses

The Petawawa East Pumping Station was designed in 1997 to service a new development area in Petawawa bounded by Civic Centre Road to the north, Laurentian Drive to the east, the former Village/Township boundary to the south and Petawawa Boulevard to the west (see Appendix A for a map of area). The lands on the west side of Petawawa Boulevard were initially considered as part of the drainage area for the new pumping station, however, they were not included in the final design. The total area of property to be accommodated was 63 ha. (155.6 ac.), consisting of 37.6 ha. (93 ac.) residential lands (Morglan and McKinnon properties), 1 ha. (2.4 ac.) institutional (church property) and the remaining 24.4 ha. (60.2 ac.) being commercial lands. The cost for the pumping station and associated forcemain, were paid for entirely by the landowners in the development area. This was formulated in By-law No. 63/98, being a by-law with respect to the imposition and collection of a sewer rate. A copy of the By-law is also included in Appendix A. Within this by-law, the total cost of all the sewage works was assessed against the various land holdings in the development area.

### 2.2 Population to be serviced

The Petawawa East Pumping Station was designed to be constructed in two stages. Stage 1 was designed to accommodate the Morglan residential lands as well as the Moncion commercial lands. Stage 2 would accommodate the remainder of the lands within the original service area. When designing the station, the projected flows from the commercial lands were based on a population equivalency factor. Based on the design sheets that were prepared for the pumping station (Appendix B) for Stage 1, it was to accommodate flows from an area of 30 ha. (74 ac.) with an equivalent population of 1,723.5 persons. Stage 2 would see the service area increased to the total area of 63 ha. (155.6 ac.) with an equivalent population of 3,218 persons.

### 2.3 Design parameters

The following were the design parameters used in the initial design of the pumping station.

	Stage 1	Stage 2
Service Area	30 ha. (6.3 ha. commercial, 23.7 ha. residential)	63 ha. (25.4 ha. ICI, 37.6 ha. residential)
Infiltration Allowance	0.19 l/ha/sec.	0.19 l/ha/sec.
Population	1,723.5 (406 for commercial, 1317.5 for residential)	3,218.5 (820 for commercial, 2,398.5 for residential)
Persons per unit	2.5	2.5
Average per capita flow	340 l/p/day	340 l/p/day
Total Flow	30.35 l/s	55.23 l/s

### 2.4 Wetwell and Pump capacities

The sizing of the wetwell and the pumping capacity was designed to accommodate the Stage 1 development only. Once the 30 l/s flow rate is exceeded, the station will have to be modified in order to increase the pumping capacity to the ultimate flow rate of 55.23 l/s per the original design documentation. While it was noted in the original design that the pumping station would ultimately have to be expanded, the timeline for this work was not set out. The timeline for this work is still not known and it will depend on the pace of development in the service area. The 200mm outlet forcemain was designed to handle the ultimate flow from the pumping station (55.23 l/s) and as such, it will not have to be replaced when the other upgrades to the station take place.

In a pumping station with 2 pumps, as is the case of this station, each pump should be able to accommodate the maximum inflow to the station. The station currently has two pumps, each capable of pumping 32 l/s at 24m of head, which equates to the peak inflow into the station during Stage 1. Based on the above, we can confirm that the current pumps are adequately sized for Stage 1. If the two pumps are operating at the same time, the combined output would be in the range of 42 l/s.

The wet well (3.0 m diameter) and float system were designed based on the following MOE criteria.

<u>Description</u>	<u>Elevation (m)</u>
Bottom of wet well	136.54
Pump stop	137.08 (300 mm above pump volute)
Start duty pump	137.72 (0.15 times pump capacity = 4.5 m <sup>3</sup> )
Start standby pump	138.12 (300 mm above start duty pump)
High level alarm	138.42 (300 mm above start standby pump)
Sewer inlet	138.52
Top of chamber	142.90

The pumping station outlets to a 200 mm diameter forcemain which in turn discharges into a 200 mm gravity sanitary sewer on Laurentian Drive. The design sheets only noted the capacity of the forcemain for the Stage 1 flows, however, they do note that the gravity sewer can accommodate the flows from Stage 2 (55.23 l/s).

## 2.5 Density of Residential Development

As noted in Section 2.3 above, the pumping station was designed to accommodate flows for residential lands in both Stage 1 and Stage 2. For Stage 1, the residential population served was to be 1,317.5 persons within 23.7 ha. of land. Based on the design parameter of 2.5 persons/unit, this would equate to a residential density of 22.2 units/ha. (8.9 units/ac.). For Stage 2, these figures increase to 25.5 units/ha. (10.3 units/ac.)

The Petawawa East Pumping Station currently receives sewage flows from 2 residential developments, being the Morglan (Highlands) Subdivision and the Limestone Trail Subdivision. Based on the draft approved plans for each of these developments, their final built out densities will be as follows:

Morglan (Highland) Subdivision – 7.7 units/ha. (3.1 units/ac.)

Limestone Trail Subdivision - 11.1 units/ha. (4.5 units/ac.)

Combined – 9.2 units/ha. (3.7 units/ac.)

It is interesting to note that these actual densities are only 36% of the densities used in sizing the pumping station initially. However, it should also be noted that stormwater management facilities in both of these developments has taken up significant portions of their developable land and therefore reduced the overall housing densities within the subdivisions.

## 3.0 AREAS ADDED TO PETAWAWA EAST PUMPING STATION AND FORCEMAIN

Subsequent to the design and construction of the Petawawa East Pumping Station, additional areas of land outside the original service area have been connected to the sanitary sewer system that drains to the pumping station. The expansion area is along the north side of Civic Centre Road where the Petawawa Centennial Family Health Centre (PCFHC) and Petawawa Heritage Complex are located. These areas are connected to the sanitary sewer system that drains into the Morglan Subdivision. The PCFHC property is 1.6 ha. (4 ac.) and the building on the property is 1,115 m<sup>2</sup>. Current MOE guidelines do not show a specific flow rate that could be expected from such a facility. However, based on fixture count calculations as per the OBC, this facility is expected to generate a peak flow rate of 4 l/sec.

#### 4.0 INFRASTRUCTURE STUDY 2003

##### Background

In 2003, there was an update to the Town's Infrastructure Study that noted both the condition of the Town's existing infrastructure (sanitary, storm, water and roads) and the upgrades to the systems that would be required to accommodate projected growth in the municipality.

As the Petawawa East PS was only recently completed at the time this study was undertaken, there was no reference in this document to capacity issues or any other concerns with the station. Rather, the report highlighted the on-going capacity issues that were being experienced at the Harry Street Pumping Station.

The Petawawa East PS was referenced in the document when dealing with possible outlets for the future development lands on the south side of Murphy Road between Petawawa Boulevard and Doran Road. The Study looked at options of either routing these lands into the existing sewers on Herman Street or discharging them into the Petawawa East PS. The Study noted that a detail review of the capacity of the Petawawa East PS would have to be undertaken in order to determine if the station could accommodate these additional flows. This present Capacity Analysis is the detailed review referred to in the Infrastructure Study.

It should be noted that at the time of the 2003 Infrastructure Study, the Town's Official Plan was still in a draft stage. The document at that time noted that only some of the lands south of Murphy Road would be connected to the sanitary sewer system. The remainder would be on a single service, being water only, and therefore would not contribute flows to the sanitary sewer system. All of the options within the Infrastructure Study were completed on that basis. Subsequent to the completion of the Infrastructure Study, the Town's Official Plan was modified such that all the future development lands south of Murphy Road were changed to full-service areas.

##### Design Parameters

Within the sanitary sewer section of the study, an analysis of the capacity of the Town's sanitary sewer system was undertaken to determine its' ability to accommodate the existing population and ICI sectors, as well as reviewing options to deal with the projected growth. In the report the following design parameters were utilized for these analyses:

ICI Lands were analyzed using an equivalent residential population

Population Density	2.4 persons/unit
Per Capita Flows	270 l/person/day (MOE guidelines 225 to 450 l/s)
Infiltration allowance	0.0038 l/mm.km.s

All of these factors were carried over from the Infrastructure Study completed in 1990.

It was noted in the Infrastructure Study that while the above noted factors would be used to analyze the overall system, any new developments should be designed utilizing a flow rate of 450 l/person/day, being the highest flow rate within the MOE guidelines.

### Options for Servicing Future Development Lands

In the 2003 Infrastructure Study, there were five options reviewed in order to service the future development lands in the Town of Petawawa. These are noted as the following:

- Option 1 – Connect New Development to the Nearest Sanitary Sewer
- Option 2 – Connect Portage Road Developments to Edith Street
- Option 3 – Maximize use of the Portage Road Trunk Sewer
- Option 4 – Connect Harry Street Forcemain to Victoria Street at Wolfe Avenue
- Option 5 – Connect Murphy Road area developments to Petawawa East Pumping Station

While Town Council did not formally adopt any one of the options, the one that is currently being implemented is Option 4. This option contained the following proposed works:

1. The Harry Street PS would have to be upgraded and its forcemain rerouted so that it would discharge into the Victoria Street sanitary sewer at Wolfe Avenue. *(This is currently being implemented with the design for the new pumping station and forcemain.)*
2. The majority of the new development lands along Portage Road would discharge to the existing Portage Road sanitary sewer system.
3. The majority of the sanitary sewer on Victoria Street between Wolfe Avenue and Laurentian Drive would have to be replaced in order to increase capacity in this system. *(To date, three sections of the sanitary sewer have been replaced on Victoria Street at Vermont Meadows and two sections were relined)*
4. The Radke lands at the southwest corner of Murphy Road and Doran Road were designated to connect to the existing sanitary sewer system on Doran Road.
5. If the development lands south of Murphy Road between Petawawa Boulevard and Doran Road were to drain to Herman Street, the following upgrades would be required on the Herman Street outlet sewer:
  - Repairs would have to be undertaken to eliminate the on-going maintenance issues on the sanitary sewer located within an easement between two houses between Herman Street and the railway *(this work is outstanding)*
  - The sanitary sewer needed to be replaced from the railway tracks across Petawawa Boulevard and then down Dundonald Drive to Wilbert. *(This work was completed as part of the work to reconstruct Petawawa Boulevard in this area)*

It should be emphasized again that when the Infrastructure Study was completed, only some of the lands south of Murphy Road were to be on full services and therefore the amount of projected sewage flow along Herman Street would be limited to that smaller service area.



## 5.0 PAST TOWN DEVELOPMENTS AND UPDATE TO EXISTING CONDITION MODEL

Since the completion of the 2003 Infrastructure Study, a number of developments have been constructed or approved in the Town of Petawawa. These are as follows:

1. Briarwood Phases 2 and 3
2. Kramer – The Forest
3. Pharma Plus strip mall (Victoria and Petawawa Boulevard)
4. Quality Inn Hotel / Kelsey's Development
5. Morglan (Highlands) Subdivision
6. Shopper's Drug Mart
7. Limestone Trail Subdivision
8. Vereyken Subdivision (adjacent to Limestone)

Of these, numbers 1 to 4 contribute flows to the Victoria Street sanitary sewer upstream of Laurentian Drive, while 5 to 8 drain to the Petawawa East PS which then outlets to Victoria Street at Laurentian Drive.

In order to determine the affect the developments have had on the existing sanitary sewer system, the "existing conditions" sanitary sewer model has been updated to take these into account. At the same time, it was determined that it would be beneficial to calibrate the model with the actual flows that are being recorded at the sewage treatment plant. In order to aid in this calibration, 3 flow monitors were placed in the sanitary sewer to record flow data for the period September 2008 to March 2009 (note: the monitors will be left in place for six additional months to continue to refine the results of this monitoring). Two of the monitors were located on CFB Petawawa property immediately upstream of the siphon under the Petawawa River. The third monitor was situated on Victoria Street immediately upstream of the point where the flows from CFB Petawawa enter into the system. With the monitors situated as noted, we are able to determine where the flows are coming from within the critical sections of sewers on Victoria Street

We were also able to obtain monthly flow data at the sewage treatment plant from OCWA for the three years, 2006 to 2008.

Appendix C provides a summary of our calculations, where we have calibrated the projected flows from the sanitary sewer model to the actual flow readings that were obtained at the sewage treatment plant. We have also updated the sanitary model to separate the ICI flows rather than convert them to a population equivalency, as was done in the past. Based on these calculations, we recommend the following design criteria be carried forward for use in any future analysis:

Population Design Flow	340 l/person/day (This is the same criteria as the original design of the Petawawa East Pumping Station. Also, this is mid-point of the MOE recommended flows, 225 to 450 l/p/day, section 5.5.2.1)
ICI Flow Rate	30,000 l/ha./day (based on MOE guidelines for commercial developments, section 5.5.2.2) Note: the model accounts for this by taking a flow of 10,000 l/ha./day and applying a peaking factor of 3.
Residential Infiltration Rate	0.12 l/s/ha./day

As noted in Appendix C, with these design criteria, we obtained a theoretical daily flow of 5,363 m<sup>3</sup>/day at the STP based on current MOE guidelines, while the three year average recorded at the plant is only 5,132 m<sup>3</sup>/day. Therefore, our theoretical flows are conservative, as it is 4.5% higher than the flows that are being recorded. Also, when these theoretical flows are factored for peak conditions, including the infiltration allowance, the resulting peak flows on both Victoria St. as well as from the Base, are both in line with the values obtained from the sanitary flow monitoring program that we have been undertaking since September 2008.

Based on these design parameters, we have updated the sanitary sewer model for the “existing conditions” as well as taking into account all the approved developments, numbers 1 to 8 noted above. These are both contained in Appendix D.

The results of these updated models indicate following:

- Existing Conditions Model – There are no sections of sanitary sewers that exceed 100% of their capacity within the entire system, however, there are 5 sections on Victoria Street that are above 90% capacity.
- Existing Condition Model + Approved Developments – Again, there are no sections that are over 100% but there are five sections at or over 95% with the highest being 97.95%.

These results are slightly better than those reported in the 2003 Infrastructure Study, due to the fact that we have been able to better calibrate the theoretical flows vs. actual flows by a combination of OCWA’s flow records from the STP as well as the flow monitors that have been placed in the sanitary sewer system on Victoria St. and the Base.

These results still confirm that the existing sanitary sewer system on Victoria Street is very near capacity based on anticipated flows from the developments that have been approved to date in the Town.

We have also updated the flows that would be generated by the original development area of the Petawawa East Pumping Station. As noted previously in this report, the original development area for this pumping station was 63 ha. and was projected to produce a total flow of 55.23 l/s in the ultimate development scenario. However, as we have also previously noted, this was based on a very high density for the residential lands. Within Appendix E we have provided a revised chart based on the actual number of lots to be constructed and flow based on 340 l/person/day for the residential lands and 30,000 l/ha./day for the commercial development. The results of this analysis indicate that the 63 ha. of land would only account for a total flow of 27.14 l/s or less than 50% of what was originally envisioned for this area.

## 6.0 PROPOSED TOWN DEVELOPMENTS

Presently, there are a number of additional developments proposed in the Town. These include the following:

Laurentian Highlands (Behnke Lands) Phase 1 – 79 residential lots on 15.41 ha. (38 ac.)  
Phase 2 – 333 residential lots on 24.17 ha. (60 ac.)  
(based on concept plan submitted by developer)

Commercial Development – former Sufi Lands – 37,625 m<sup>2</sup> (405,000 ft<sup>2</sup>) retail development on 23 ha. of land

New Public School – 1,000 students + staff on 8 ha. (20 ac.)

New Catholic School – 250 students + staff on 2.4 ha. (6 ac.)

Ambulance Facility on 0.2 ha. (0.5 ac.)

Heritage Park

All of these developments are located at the south end of the Town's sanitary sewer system. It is likely that some additional development in the west end of the Town along Portage Road will come forward once the Harry Street Pumping Station is upgraded.

It is suggested that the design parameters that should be followed for these developments would be the same as that used in our analysis of the "existing conditions" model. Based on utilizing the design parameters of 340 l/person/day for the residential flows, 0.12 l/s/ha. for residential infiltration, 30,000 l/ha/day for the ICI lands and 105 l/student/day over an 8 hour period, we have determined that each of the above noted developments would generate the following sewage flows at full build out:

Laurentian Highlands – Phase 1	5.0 l/s
Laurentian Highlands – Phase 2	14.6 l/s
Commercial Development	8.0 l/s
Public School	3.6 l/s
Catholic School	0.9 l/s
Ambulance Facility	0.1 l/s
Heritage Park	<u>0.3 l/s</u>
Total	32.5 l/s

The proposed routing for these flows is discussed in Section 8.0 of this report.

## 7.0 OCWA CONCERNS

Brad Sweet, from OCWA, has previously raised concerns regarding additional flows into the Herman Street sanitary sewer as well as into the Victoria Street system downstream of Wolfe Avenue. These concerns include the following:

1. The existing sanitary sewer that flows along Murphy Road from Kramer Subdivision (The Forest) has to turn 90 degrees at Herman Street. The concern is that the velocity of the sewage is too great to proceed smoothly around the manhole benching, thereby creating turbulence within the manhole and possibly causing flow restrictions.
2. There is a sag in the sanitary sewer within an easement between two houses between Herman Street and the railway tracks. This sag experiences grease build-up and requires on-going maintenance on a yearly basis. (note: this was listed as a deficiency in the 2003 Infrastructure Study).
3. There is a deflection in the sewer line inside one of the manholes just east of the railway lands across from Dundonald Drive. This deflection occurred when the section of sewer between the tracks and Dundonald Drive was replaced in 2003. OCWA's concern is that the deflection does not allow a smooth transition of flow through the manhole.
4. OCWA is concerned with allowing any additional flows to enter the sanitary sewer system on Victoria Street between Wolfe Avenue and Laurentian Drive as this area was subject to basement flooding as a result of very heavy rains in the summer of 2007.

Item 1 could be addressed by ensuring that the benching inside the manhole is as per OPSD standards.

Item 2 could be addressed by excavating the pipe in the area of the sag and regrading the sewer in this area.

Item 3 has been noted in the past and the contractor who performed the work tried to improve the benching in the manhole. This has been reviewed again and further modifications to the benching are possible in order to smoothen out the flow transition inside the manhole.

Item 4 is a known issue and can only be improved once the sanitary sewers along Victoria Street are replaced with a larger sized system. This problem is also compounded by the fact that there is storm water entering the sanitary sewer upstream of Victoria St., likely as a result of sump pumps and foundation drains connected to the sanitary sewer, as well as water entering in the manholes and pipes due to cracks. If steps were taken to reduce the storm water inflow into the sanitary sewer, then some of these concerns may be alleviated.

## 8.0 PROPOSED DEVELOPMENT SERVICING CONSIDERATIONS

As noted in Section 6.0, there are a number of properties proposed for development at the south end of the Town's existing sanitary sewer system. In this section, we will discuss the options for sanitary routing for these lands.

### Option 1 – All New Development Flows to Petawawa East Pumping Station

In Section 5.0 we concluded that the original development area for the Petawawa East Pumping Station would only generate a peak flow of 27.14 l/s based on its current residential density, compared to the original design calculations that called for a design flow of 55.23 l/s. Also, as previously noted, the pumping station was designed as a staged construction with the present pumps able to accommodate a flow of 32 l/s and upgrades required for the second stage in order to increase the pumping capacity to the ultimate flow of 55.23 l/s.

Our office has undertaken an analysis of the existing pumping station in order to determine what upgrades would be required to increase capacity to the original full flow of 55.23 l/s. It has been determined that the following works would need to be undertaken:

1. The 2 existing Flygt pumps can only provide a pumping rate of 32 l/s and would have to be replaced with 2 new pumps. We have determined that 2 Flygt model 3170 pumps could provide a peak capacity of 57 l/s based on utilizing the existing 200mm diameter forcemain. These pumps are approximately the same size as the existing pumps and could easily be connected to the existing internal piping network.
2. There will be a need to upgrade the starters due to the new pumps.
3. The station should be equipped with an emergency generator.
4. The floats would have to be raised in order to provide additional storage capacity between pump stop and duty pump start. This would result in the high level alarm being above the elevation of the inlet sewer, which is permissible under MOE guidelines as long as there is no concern about basement flooding. It is recommended that the floats be raised by 0.4 m, so that the high level alarm would now be 0.3 m above the inlet pipe (the float to start the standby pump would then be at the invert elevation of the inlet pipe). Additional storage capacity could also be provided by installing an additional wet well, in the form of a 3.0m diameter chamber next to the existing chamber and interconnecting the two chambers.
5. The existing 200 mm diameter forcemain is large enough to handle the increased flows generated by the new pumps. The existing downstream gravity sewer system on Laurentian Drive is also sized to accommodate this peak flow of 57 l/s.

As it has now been determined that that original development area for the Petawawa East Pumping Station will only produce a peak flow of 27.14 l/s and that all the new proposed development areas noted in Section 6 would produce a combined flow of 32.5 l/s, the combined peak flow would be in the order of 59.67 l/s.

**The proposed changes to the pumping station noted above would provide enough pumping capacity for 90% of all the new developments.** If this option is chosen, then the density of some of the developments would have to be reduced.

The one consideration that should be taken into account is to try and reduce the amount of future flows to the pumping station due the long term maintenance cost of operating a pumping station. If the amount of flow to a station can be reduced, there is less energy used to pump the sewage and less wear and tear on the equipment. Therefore it is beneficial to review other options to try and limit the amount of flow that has to ultimately drain to the Petawawa East Pumping Station.

### **Option 2 – Direct Some New Development Flows to Herman Street Sewer**

As an alternative to directing all the new development flow to an upgraded Petawawa East PS, the scenario whereby some or all of the sewage from the Laurentian Highlands (Eastway) Subdivision being directed down Herman Street was analyzed. (It should be noted that all the sanitary flow from the Kramer Subdivision (90 lots) already flows down Murphy Road and into the Herman St. sanitary sewer). In order to do this, the projected flows from the **Phase 1 area (79 lots)** were added to the sanitary sewer model which included the existing flows, as well as all the draft approved subdivisions (see Appendix F). Based on this scenario, the following was noted.

1. There is sufficient capacity in the Herman Street sanitary sewer system including its outfall down Dundonald Drive to accommodate flows from the Phase 1 lands of the Laurentian Highland. The capacities in the sewers ranged from 39.27 to 56.23%. It should be pointed out that the model does not take into account the sag in the existing pipe noted by OCWA as a maintenance issue. It would be recommended that the pipe be repaired should the Town decide to proceed with any scenario to increase flows down Herman Street
2. There is sufficient capacity in the Violet Street sanitary sewer system.
3. On the Victoria Street system, there would be 5 sections of sewer between Wolfe Avenue and Laurentian Drive that would be at or slightly over capacity (99.69 to 101.87%) and one additional section that would be over 95% capacity. However, in order to reach the percentages noted, all the housing units in all the draft plan approved subdivisions, including all 79 lots in the Laurentian Highlands Subdivision would have to be built and occupied.
4. The other issues relating to the existing manholes raised by OCWA would also have to be addressed.

If the entire Laurentian Highlands Subdivision (412 housing units) was designed to drain to the Herman Street sewer, this would result in capacity issues on Herman Street, Wilbert Street, Violet Street and Victoria Street. The calculations for this scenario are also contained in Appendix F.

We have also considered another scenario wherein 200 housing units would be directed to the Herman Street sanitary sewer. Under this scenario, there appears to be sufficient capacity in the Herman Street, Wilbert Street and Violet Street system. However, there are significant capacity issues on Victoria Street. Before this is considered, the issue of the sag on the Herman Street outlet sewer must be dealt with and upgrades must be completed to the Victoria Street system.

#### **Option 3 – Direct School Developments Sanitary Flows to South Townsite**

There is the ability to connect the proposed public school and catholic school properties which are proposed to be located on Civic Centre lands to the existing 200 mm sanitary sewer on Dundonald Drive in the South Townsite at CFB Petawawa. The combined flows from these two schools would be in the order of 4.5 l/s. The existing sewers have the capacity to accommodate this flow based on the amount of development that is currently on the South Townsite. As the sanitary sewers on the South Townsite are under the jurisdiction of DND and not the Town of Petawawa, approval to connect to their sanitary sewer would have to be obtained. As the final location of the school buildings are currently not known, nor is the road pattern to service them, there may be the need to have some or all of the sanitary sewer contained within a easement, should this option be chosen.

#### **Option 4 – Direct School Developments Sanitary Flows to Laurentian Drive**

The third option to try and limit flows to the Petawawa East Pumping Station would be to design the sanitary sewer for the two schools to be directed to the gravity sewer on Laurentian Drive. The one issue with this scenario is that the gravity sewer would have to extend approximately 400 m northerly along Laurentian Drive. The estimated cost would be in the neighbourhood of \$200,000, making it the most expensive servicing scenario available for the school properties.

**9.0 SEWAGE TREATMENT PLANT**

Sewage flows from the proposed developments, as outlined in Section 6.0, will have an impact on the rated capacity of the Town's sewage treatment plant (STP). In our company's latest report (November 27, 2007) on the capacity assessment of the Town water treatment plant (WTP) and STP, we noted the following report on the STP:

Rated Capacity	8,730 m <sup>3</sup> /day
Average Daily Flow for 3 year period (2005 to 2007)	5,138 m <sup>3</sup> /day
Total estimated Daily Flow based on projected population growth to 2017	6,752 m <sup>3</sup> /day
% Utilization based on projected growth to 2017	77%
% Remaining capacity based on projected growth to 2017	23%

We have obtained and reviewed OCWA's records for the STP flow data for 2006, 2007 and 2008 and we have summarized the sewage flow data as follows:

	2006	2007	2008	3 Year Avg,
Total Annual flow (m <sup>3</sup> )	1,853,440	1,792,331	1,974,308	
Avg. Day Flow (m <sup>3</sup> )	5,078	4,924	5,394	5,132
Max. Day Flow (m <sup>3</sup> )	9,860	9,881	11,759	
Peaking Factor	1.94	2.00	2.18	

On the basis of our review, the STP is currently operating at an Average Daily Flow rate of 5,132 m<sup>3</sup>/day, which amounts to 60% of the rated capacity of the STP. Therefore, it appears that the ongoing growth and development within the Town of Petawawa are well within the projections that were outlined in our November 27, 2009 report on capacity assessment of the water and sewage flows for the Town of Petawawa, and that there would be no requirement for upgrades to either plant in order to account for the projected flows associated with new developments noted in Section 6.0.

It should also be noted that the flows associated with the new schools would actually not result in increased flows to the STP plant, as these schools are actually relocation of existing schools that are currently located on the Base that are already contributing flows to the STP.

In addition, as can be seen from our analysis, the maximum daily sewage flow recorded for 2008 was 11,759 m<sup>3</sup>/day. OCWA has advised that this occurred on December 22, 2008. This correlates with our sewage flow monitoring program data, which indicates a sewage flow peak at that time as a result of mild temperatures and considerable snow melting. It should be noted that the peaking factor of the maximum daily flows rate to average daily flow rate has been steadily increasing over the past 3 years. This indicates that the problem of extraneous flows, entering the sanitary sewer system is worsening and should be addressed. This extraneous flow is ground and storm water that is entering the sanitary sewer system, either through sump pump connections, building drain connections, cracks in the pipe or infiltration into the manholes.



## 10.0 DEVELOPMENT SERVICING STRATEGY

Based on the finding of our analysis, we would recommend the following servicing strategy for the development lands in the east end of the Town of Petawawa.

1. There is sufficient capacity in the Herman Street and Victoria Street sanitary sewer systems to accommodate the first phase of the Laurentian Highlands (Eastway) development (79 lots). Modifications to the manholes on Murphy Road will have to be undertaken in order to address concerns raised by OCWA. This work is to be completed by Eastway.
2. The sag in the sanitary sewer line between Herman Street and the Railway should be fixed to address the ongoing maintenance issue that OCWA has at this location. This work should be completed in 2010.
3. If upgrades are undertaken on the Victoria Street sanitary sewer system, then up to 200 lots of the Laurentian Highlands Subdivision could outlet to the Herman Street sanitary sewer system.
4. The Petawawa East Pumping Station, located on Renfrew Street, has sufficient capacity in its current configuration to service all the development lands east of Petawawa Blvd., that were included in its original drainage area. As only a portion of these lands are developed at this time, there is no immediate concern about the pumping station being near capacity. The sewage flows at this station should be monitored and when the station is at 80% capacity (24 l/s), based on peak demand, this would trigger the need to upgrade the station, with the new pumps and additional wet well storage.
5. The Petawawa East Pumping Station currently does not have a back-up generator at the site. It is currently serviced by a portable unit that is brought to the site when the station alarm is triggered or when there is a power failure. A permanent stand-by generator should be installed at the site when the flows at the station are such that the portable unit can no longer be placed in sufficient time to accommodate the inflows to the station.
6. The potential development of two schools within the Civic Center Lands could be serviced by either connecting to the Petawawa East Pumping Station or draining into the existing sanitary sewer on Dundonald Drive in the South Townsite. The installation cost for either option would be the same, however, the long term cost would be cheaper for the option to drain to the schools to the South Townsite, due to the fact that there would be no need to pump the sewage. This would also free up additional capacity at the Pumping Station. As a result, we would recommend that the option of servicing the schools to the South Townsite is the preferred long-term solution for the Town and therefore discussions should commence with DND to seek approvals for this option.
7. The Petawawa East Pumping Station can be upgraded, with the installation of new pumps, controls, generator and additional wet well storage in order to service 90% of the new development lands in the east end of Petawawa. If approximately half of the Laurentian Highlands Subdivision is allowed to drain to Herman Street, as noted in 2, then the remainder of the new development would be able to be accommodated in the upgraded pumping station. The timeline for these upgrades are not known at this time and it will be dependent on the pace of development.

## 11.0 IMPROVEMENT COST ESTIMATES

Based on the results of the analysis of the sanitary sewer drainage options for the lands in the east end of the Town of Petawawa, there would be upgrades to the sanitary system that are required as a result of the growth. As a result, these should be paid for directly by developers or be incorporated with the Town's Development Charge By-law. These works would include the following:

1. Upgrades to the Petawawa East Pumping Station – work to include two new pumps, controls, stand-by generator and expanded wet well capacity – estimated cost \$400,000
2. Upgrades to the sanitary sewer on Victoria St. – Wolfe Ave. to Laurentian Drive – estimated cost based on work being completed in conjunction with reconstruction of the roadway by the County of Renfrew – estimated cost \$1,000,000

**Jp2g Consultants Inc.**  
Engineers · Planners · Project Managers



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**Jp2g Consultants Inc.**  
Engineers · Planners · Project Managers



Steven G. Webster, P. Eng.  
Pembroke Office Manager

**APPENDIX F**

**SANITARY SEWER MODEL  
ALL REGISTERED SUBDIVISIONS FULLY DEVELOPED**





APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	PIPE SPECIFICATIONS				PIPE DESIGN		PERCENTAGE OF UTILIZATION	REMARKS
			Res. units by section	Pop. per section								Individual Q(i) (L/s)	Cumulative (L/s)		Length of Pipe (m)	Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)		
<b>Vereyken Crescent Collector</b>																						
Vereyken Crescent	3527	3526	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	0.58	0.07	0.07	0.40	65	200	PVC DR 35	0.4	20.75	0.66	1.93	to Wilbert Street Collector
Vereyken Crescent	3526	3525	32	76.8	96	4.25	1.60	0.00	0.00	0.00	0.58	0.07	0.14	1.74	38	200	PVC DR 35	0.4	20.75	0.66	8.41	Start
Vereyken Crescent	3525	3522	38	91.2	187.2	4.16	3.06	1.66	1.66	0.58	0.86	0.10	0.24	3.88	187	200	PVC DR 35	0.4	20.75	0.66	18.71	
Vereyken Crescent	3522	3521	23	55.2	242.4	4.12	3.93	0.00	1.66	0.58	0.57	0.07	0.31	4.81	31	300	SCL 3300	0.06	23.69	0.34	20.32	
Vereyken Crescent	3521	3507	8	19.2	328.8	4.06	5.25	0.00	1.66	0.58	0.52	0.06	0.60	6.43	99	300	SCL 3300	0.25	48.36	0.68	13.30	
Vereyken Crescent	3527	3531	6	14.4	14.4	4.40	0.25	0.00	0.00	0.00	0.50	0.06	0.06	0.31	126	200	PVC DR 35	0.4	20.75	0.66	1.49	Start
Vereyken Crescent	3533	3531	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	0.76	0.09	0.09	0.63	94	200	PVC DR 35	0.4	20.75	0.66	3.01	Start
Vereyken Crescent	3531	3530	9	21.6	67.2	4.29	1.13	0.00	0.00	0.00	0.64	0.08	0.23	1.36	90	200	PVC DR 35	0.4	20.75	0.66	6.56	Branch Collector Vereyken Crescent
Vereyken Crescent	3530	3521	0	0	67.2	4.29	1.13	0.00	0.00	0.00	0.00	0.00	0.23	1.36	40	200	PVC DR 35	0.4	20.75	0.66	6.56	
<b>Wilbert Street Collector</b>																						
Wilbert Street	3507	3505	9	21.6	1029.6	3.79	15.36	0.00	4.77	1.66	0.84	0.10	4.33	21.35	100	300	SCL 3300	0.25	48.36	0.68	44.15	to Violet Street Trunk
Wilbert Street	3505	3503	9	21.6	1051.2	3.79	15.66	0.00	4.77	1.66	0.95	0.11	4.45	21.76	139	300	SCL 4000	0.25	48.36	0.68	45.00	Branch Collector Dundonald Drive
Wilbert to Violet St	3503	1037	0	0	1051.2	3.79	15.66	0.00	4.77	1.66	0.00	0.00	4.45	21.76	309	300	SCL 4000	0.25	48.36	0.68	45.00	
Wilbert to Violet St	1037	1036	0	0	2736	3.48	37.43	0.00	18.57	6.45	0.00	0.00	11.60	55.48	69	400	SCL 5000	0.16	83.32	0.66	66.58	Branch Collector Maple Avenue
<b>Dundonald Drive Collector</b>																						
Herman to Cord 51	3510	3509	0	0	679.2	3.90	10.43	0.00	0.00	0.00	0.00	0.00	3.63	14.06	47	200	ACCL 3300	0.82	29.71	0.95	47.33	to Wilbert Street Collector
Cord 51 Cord 51	3509	3508	0	0	679.2	3.90	10.43	0.00	0.00	0.00	0.00	0.00	3.63	14.06	23	200	PVC SDR 35	2	46.39	1.48	30.30	Branch Collector Herman Street
Dundonald to Wilbert	3508	3507	0	0	679.2	3.90	10.43	0.00	3.11	1.08	0.00	0.00	3.63	15.14	95.2	250	PVC SDR 35	0.28	31.47	0.64	48.10	to Dundonald Drive Collector
<b>Herman Street System</b>																						
Laurentian Highlands -Phase IA & B Murphy Road	4000	4000	79 95	189.6 228	189.6 417.6	4.16 4.01	3.10 6.60	0.00 0.00	0.00 0.00	0.00 0.00	15.41 5.54	1.85 0.66	1.85 2.51	4.95 9.11	200 200	PVC SDR 35 PVC SDR 35	2 0.5	46.39 23.20	1.48 0.74	10.67 39.27	Includes flow for The Forest Subdivision (87 lots) and 8 lots along Murphy Road	
Herman Street	4000	3542	4	9.6	427.2	4.01	6.74	0.00	0.00	0.00	0.48	0.06	2.57	9.31	200	ACCL 2400	0.4	20.75	0.66	44.87		
Herman Street	3542	3541	5	12	492	3.98	7.70	0.00	0.00	0.00	0.48	0.06	2.85	10.55	104	200	ACCL 2400	0.4	20.75	0.66	50.85	Branch Collector Laroche Crescent
Herman Street	3541	3510	25	60	552	3.95	8.58	0.00	0.00	0.00	1.94	0.23	3.08	11.67	101	200	ACCL 2400	0.4	20.75	0.66	56.23	
Herman Street	3561	3511	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.13	0.14	0.14	0.71	141	200	ACCL 2400	0.6	25.41	0.81	2.80	Start
Herman Street	3511	3510	0	0	127.2	4.21	2.11	0.00	0.00	0.00	0.00	0.00	0.55	2.66	24	200	ACCL 2400	0.4	20.75	0.66	12.81	Branch Collector Laroche Crescent
<b>Laroche Crescent System</b>																						
Laroche Crescent	3545	3542	22	52.8	52.8	4.31	0.90	0.00	0.00	0.00	1.83	0.22	0.22	1.12	242	200	ACCL 2400	0.4	20.75	0.66	5.37	to Herman Street Collector
Laroche Crescent	3545	3542	22	52.8	52.8	4.31	0.90	0.00	0.00	0.00	1.83	0.22	0.22	1.12	242	200	ACCL 2400	0.4	20.75	0.66	5.37	Start
<b>Laroche Crescent Collector</b>																						
Laroche Crescent	3516	3514	15	36	36	4.34	0.62	0.00	0.00	0.00	1.43	0.17	0.17	0.79	122	200	ACCL 2400	2	46.39	1.48	1.70	
Laroche Crescent	3514	3512	7	16.8	52.8	4.31	0.90	0.00	0.00	0.00	0.68	0.08	0.25	1.15	98	200	ACCL 2400	3.4	60.49	1.93	1.90	
Laroche Crescent	3512	3511	0	0	93.6	4.25	1.57	0.00	0.00	0.00	0.00	0.00	0.41	1.98	88	200	ACCL 2400	0.9	31.12	0.99	6.36	
<b>James Street System</b>																						
James Street	3551	3512	17	40.8	40.8	4.33	0.70	0.00	0.00	0.00	1.33	0.16	0.16	0.86	198	200	ACCL 2400	0.4	20.75	0.66	4.12	
<b>County Road 51 System</b>																						
Cord 51	3573	3508	0	0	0	4.50	0.00	1.84	1.84	0.64	0.00	0.00	0.00	0.64	200	SCL 2400	0.4	20.75	0.66	3.08		
Cord 51	3583	3508	0	0	0	4.50	0.00	1.27	1.27	0.44	0.00	0.00	0.00	0.44	293	200	SCL 2400	0.39	20.49	0.65	2.15	
<b>Mohms Avenue Collector</b>																						
Mohms Avenue	2753	1035	8	19.2	19.2	4.38	0.33	0.65	0.65	0.23	1.17	0.14	0.14	0.70	338	200	SCL 2400	0.4	20.75	0.66	3.36	
RRCSS to Mohms Ave.	2770	2703	0	0	52.8	4.31	0.90	1.59	1.59	0.55	0.00	0.00	0.18	1.63	86	200	SCL 2400	0.4	20.75	0.66	7.86	
Mohms Avenue	2704	2703	0	0	0	4.50	0.00	0.87	0.87	0.30	0.00	0.00	0.00	0.30	22	200	SCL 2400	0.4	20.75	0.66	1.46	
Mohms Avenue	2703	2701	7	16.8	16.8	4.39	0.29	0.00	2.46	0.85	0.50	0.06	0.06	1.20	181	200	SCL 2400	0.4	20.75	0.66	5.80	
Mohms Avenue	2701	2700	0	0	16.8	4.39	0.29	0.00	2.46	0.85	0.00	0.00	0.06	1.20	22	200	SCL 2400	0.4	20.75	0.66	5.80	
Mohms Avenue	2700	1035	4	9.6	52.8	4.31	0.90	0.00	2.46	0.85	0.31	0.04	0.18	1.93	94	200	SCL 2400	0.4	20.75	0.66	9.31	
<b>Ethel Street System</b>																						
Ethel Street	2760	2700	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	0.71	0.09	0.09	0.54	74	200	SCL 2400	1.04	33.45	1.06	1.61	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cumulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	PIPE SPECIFICATIONS			PIPE DESIGN		PERCENTAGE OF UTILIZATION	REMARKS	
			Res. units by section	Pop. per section								Individual Q(i) (L/s)	Cumulative (L/s)		Length of Pipe (m)	Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)			Full Flow Velocity (m/s)
<b>Ethel Street System</b>	2651	2601	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.14	0.14	0.14	0.71	179	200	SCL 2400	0.4	20.75	0.66	3.43	
<b>Willard Street System</b>	2671	2605	16	38.4	38.4	4.34	0.66	0.26	0.26	0.09	1.21	0.15	0.15	0.89	185	200	SCL 2400	0.4	20.75	0.66	4.29	
<b>County Road 51 System</b>	3032	3003	0	0	0	4.50	0.00	1.17	1.17	0.41	0.00	0.00	0.00	0.41	159	200	SCL 2400	0.39	20.49	0.65	1.98	
<b>County Road 51 Collector</b>	3003	3002	0	0	9.6	4.42	0.17	0.00	5.06	1.76	0.00	0.00	0.04	1.97	34	300	SCL 2400	0.1	30.59	0.43	6.43	
Cord 51	3002	3001	0	0	9.6	4.42	0.17	0.00	5.06	1.76	0.00	0.00	0.04	1.97	86	300	SCL 2400	0.3	52.98	0.75	3.71	
Cord 51	3001	3000	0	0	9.6	4.42	0.17	0.00	5.06	1.76	0.00	0.00	0.04	1.97	101	300	SCL 3300	0.22	45.37	0.64	4.34	
Cord 51	3000	1043	0	0	9.6	4.42	0.17	1.40	6.46	2.24	0.00	0.00	0.04	2.45	81	300	SCL 3300	0.27	50.26	0.71	4.88	
<b>Maple Avenue Collector</b>	1043	1042	0	0	1608	3.66	23.14	0.00	11.85	4.11	0.00	0.00	6.67	33.93	54	400	SCL 4000	0.16	83.32	0.66	40.72	
Maple Avenue	1042	1040	11	26.4	1634.4	3.65	23.49	0.00	11.85	4.11	1.10	0.13	6.81	34.41	96	400	SCL 5000	0.16	83.32	0.66	41.30	
Maple Avenue	1040	1039	8	19.2	1653.6	3.65	23.74	0.00	11.85	4.11	0.60	0.07	6.88	34.73	72	400	SCL 5000	0.16	83.32	0.66	41.69	
Maple Avenue	1039	1038	0	0	1682.4	3.64	24.12	0.00	11.85	4.11	0.00	0.00	7.14	35.37	81	400	SCL 5000	0.16	83.32	0.66	42.45	
Maple to Violet St.	1038	1037	1	2.4	1684.8	3.64	24.15	1.95	13.80	4.79	0.16	0.02	7.16	36.10	106	400	SCL 5000	0.16	83.32	0.66	43.33	
<b>Pine Plce System</b>	1060	1039	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	2.18	0.26	0.26	0.76	109	200	ACCL 2400	0.58	24.98	0.80	3.02	
<b>Mohns Avenue System</b>	3021	3020	4	9.6	9.6	4.42	0.17	0.00	0.00	0.00	0.36	0.04	0.04	0.21	75	200	SCL 2400	0.4	20.75	0.66	1.01	
Mohns Avenue	3020	3003	0	0	9.6	4.42	0.17	0.69	0.69	0.24	0.00	0.00	0.04	0.45	85	200	SCL 2400	1.6	41.50	1.32	1.08	
<b>Violet Street Trunk</b>	3602	3601	0	0	0	4.50	0.00	0.54	0.54	0.19	0.00	0.00	0.00	0.19	129	200	SCL 2400	0.45	22.01	0.70	0.85	
Cord 51	3601	3600	0	0	0	4.50	0.00	0.76	1.30	0.45	0.00	0.00	0.00	0.45	91	200	SCL 2400	0.37	19.95	0.64	2.26	
Cord 51	3600	1043	0	0	0	4.50	0.00	0.00	1.30	0.45	0.00	0.00	0.00	0.45	101	200	SCL 2400	0.43	21.51	0.68	2.10	
<b>Harry Street System</b>	2907	2906	5	12	12	4.41	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.21	70	200	PVC	0.91	31.29	1.00	0.66	
<b>Algonquin Street Collector</b>	2906	2904	12	28.8	40.8	4.33	0.70	0.00	0.00	0.00	0.93	0.11	0.11	0.81	165	200	PVC	1.19	35.79	1.14	2.26	
Algonquin Street	2904	2902	6	14.4	55.2	4.31	0.94	0.00	0.00	0.00	0.50	0.06	0.17	1.11	33	200	PVC	5.45	76.58	2.44	1.45	
Algonquin Street	2902	2901	6	14.4	144	4.20	2.38	0.00	0.00	0.00	0.57	0.07	0.63	3.01	73	200	PVC	0.4	20.75	0.66	14.49	
Algonquin to Harry	2901	2900	0	0	144	4.20	2.38	0.00	0.00	0.00	0.00	0.00	0.63	3.01	106	200	PVC	0.4	20.75	0.66	14.49	
<b>Park Drive System</b>	2917	2914	18	43.2	43.2	4.33	0.74	0.00	0.00	0.00	1.98	0.24	0.24	0.97	78	200	PVC	2.22	48.88	1.56	1.99	
Park Drive	2914	2902	13	31.2	74.4	4.28	1.25	0.00	0.00	0.00	1.26	0.15	0.39	1.64	200	PVC	0.4	20.75	0.66	7.91		
<b>Harry Street Collector</b>	2925	2922	15	36	36	4.34	0.62	0.00	0.00	0.00	1.25	0.15	0.15	0.77	162	200	SCL 2400	0.4	20.75	0.66	3.69	
Harry Street	2922	2921	6	14.4	50.4	4.31	0.86	0.00	0.00	0.00	0.60	0.07	0.22	1.08	71	200	SCL 2400	0.4	20.75	0.66	5.19	
Harry Street	2921	2920	2	4.8	55.2	4.31	0.94	0.00	0.00	0.00	0.33	0.04	0.26	1.20	62	200	SCL 2400	9.5	101.11	3.22	1.18	
Harry Street	2920	2900	2	4.8	60	4.30	1.01	0.00	0.00	0.00	0.00	0.00	0.26	1.28	45	200	SCL 2400	0.4	20.75	0.66	6.15	
Harry Street	2900	2801	0	0	204	4.14	3.33	0.00	0.00	0.00	0.00	0.00	0.89	4.22	13	200	SCL 2400	0.4	20.75	0.66	20.33	
Harry Street	2801	P/S	0	0	996	3.80	14.90	0.00	6.65	2.31	0.00	0.00	3.72	20.93	3	250	CL 2400	0.4	37.62	0.77	55.63	
Harry to Wolfe Ave.	P/S	1028	0	0	996	3.80	14.90	0.00	6.65	2.31	0.00	0.00	3.72	20.93	602	150	PVC	0	27.76	1.57	75.39	
<b>County Road 51 Collector</b>	3006	3005	0	0	0	4.50	0.00	0.78	0.78	0.27	0.00	0.00	0.00	0.27	88	300	SCL 2400	1.65	124.24	1.76	0.22	
Cord 51	3005	3004	0	0	0	4.50	0.00	1.21	1.99	0.69	0.00	0.00	0.00	0.69	88	300	SCL 2400	0.31	53.85	0.76	1.28	
Cord 51	3004	3003	0	0	0	4.50	0.00	1.21	3.20	1.11	0.00	0.00	0.00	1.11	25	300	SCL 2400	0.52	69.75	0.99	1.59	
<b>County Road 51 System</b>	2842	2808	0	0	0	4.50	0.00	1.21	1.21	0.42	0.00	0.00	0.00	0.42	69	200	SCL 2400	2	46.39	0.58	0.91	





APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS			PIPE DESIGN		PERCENTAGE OF UTILIZATION	REMARKS	
			Res. units by section	Pop. per section							Individual Q(i) (L/s)	Cumulative (L/s)			Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)				
<b>Florence Street Collector</b>																						
Florence Street	3101	3100	0	0	132	4.21	2.19	0.00	0.00	0.00	0.00	0.54	2.72	117	200	SCL 2400	0.4	20.75	0.66	13.13		
Florence Street	3100	2820	4	9.6	175.2	4.17	2.87	0.00	0.00	0.00	0.32	0.04	0.71	3.59	86	200	SCL 2400	0.4	20.75	0.66	17.28	
<b>Russell Street System</b>																						
Russell Street	3105	3103	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	1.22	0.15	0.15	0.68	60	200	SCL 2400	0.4	20.75	0.66	3.28	
<b>Hilda Street System</b>																						
Hilda Street	3121	3101	16	38.4	38.4	4.34	0.66	0.00	0.00	0.00	1.34	0.16	0.16	0.82	174	200	SCL 2400	0.4	20.75	0.66	3.93	
<b>Craig Place System</b>																						
Craig Place	3111	3100	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.12	0.13	0.13	0.71	138	200	AC 2400	0.4	20.75	0.66	3.42	
<b>Edith Street Collector</b>																						
Edith Street	1048	1047	0	0	909.6	3.83	13.70	0.00	0.00	0.00	0.00	0.00	3.38	17.08	88	300	SCL 2400	0.3	52.98	0.75	32.23	
Edith Street	1047	1046	0	0	940.8	3.82	14.13	0.00	0.93	0.32	0.00	0.00	3.52	17.97	13	300	SCL 2400	0.3	52.98	0.75	33.92	
Edith Street	1046	1045	0	0	1154.4	3.76	17.08	0.00	1.53	0.53	0.00	0.00	4.50	22.11	91	300	SCL 2400	0.3	52.98	0.75	41.74	
Edith Street	1045	1044	0	0	1598.4	3.66	23.02	0.00	4.09	1.42	0.00	0.00	6.63	31.07	57	300	SCL 2400	0.3	52.98	0.75	58.64	
Edith to Cord 51	1044	1043	0	0	1598.4	3.66	23.02	0.00	4.09	1.42	0.00	0.00	6.63	31.07	79	300	SCL 2400	0.33	55.56	0.79	55.92	
<b>Selkirk Street Collector</b>																						
Selkirk Street	3323	3320	33	79.2	79.2	4.27	1.33	0.00	0.00	0.00	2.43	0.29	0.29	1.62	289	200	SCL 2400	0.36	19.68	0.63	8.24	
Selkirk Street	3320	3305	0	0	79.2	4.27	1.33	0.00	0.00	0.00	0.00	0.00	0.29	1.62	76	200	SCL 2400	9.04	98.63	3.14	1.64	
Selkirk Street	3305	3304	0	0	427.2	4.01	6.74	0.00	0.00	0.00	0.00	0.00	1.60	8.34	11	200	SCL 2400	2.03	46.74	1.49	17.83	
Selkirk Street	3304	1048	37	88.8	516	3.97	8.06	0.00	0.00	0.00	3.18	0.38	1.98	10.03	179	200	SCL 2400	0.6	25.41	0.81	39.49	
<b>Tangelwood Drive</b>																						
Tangelwood Drive	1054	1058	38	91.2	91.2	4.25	1.53	0.00	0.00	0.00	2.43	0.29	0.29	1.82		200	PVC	0.5	23.20	0.74	7.84	
<b>Edith Street Collector</b>																						
Edith Street	1058	1049	50	120	211.2	4.14	3.44	0.00	0.00	0.00	4.38	0.53	0.82	4.26	57	250	PVC	0.3	32.58	0.66	13.07	includes Briarwood Phase 3 lands
<b>Briarwood Drive Collector</b>																						
Briarwood Drive	1053	1051	27	64.8	64.8	4.29	1.09	0.00	0.00	0.00	1.51	0.18	0.18	1.28	191	200	PVC ULTRA RIB	0.4	20.75	0.66	6.15	Start
Briarwood Drive	1051	1049	26	62.4	127.2	4.21	2.11	0.00	0.00	0.00	1.19	0.14	0.32	2.43	184	200	PVC ULTRA RIB	1.3	37.40	1.19	6.50	
<b>Edith Street Collector</b>																						
Edith Street	1049	1048	3	7.2	345.6	4.05	5.51	0.00	0.00	0.00	0.38	0.05	1.19	6.70	103	250	PVC ULTRA RIB	0.3	32.58	0.66	20.56	
<b>Russel Street /System</b>																						
Russel Street	3105	3140	17	40.8	40.8	4.33	0.70	0.00	0.00	0.00	1.59	0.19	0.19	0.89	192	200	SCL 2400	0.52	23.66	0.75	3.75	
Selkirk Street	3140	1048	3	7.2	48	4.32	0.82	0.00	0.00	0.00	0.20	0.02	0.21	1.03	101	200	SCL 2400	0.4	20.75	0.66	4.97	
<b>Hemlock Street Collector</b>																						
Hemlock Street	3333	3330	32	76.8	151.2	4.19	2.49	0.00	0.00	0.00	2.42	0.29	0.60	3.09	275	200	CL 2400	0.57	24.77	0.79	12.49	from Woodlands Crescent Collector
Hemlock Street	3330	3306	0	0	151.2	4.19	2.49	0.00	0.00	0.00	0.00	0.00	0.60	3.09	89	200	CL 2400	3.63	62.50	1.99	4.95	
<b>Woodland Crescent System</b>																						
Woodland Crescent	3306	3305	0	0	348	4.05	5.55	0.00	0.00	0.00	0.00	0.00	1.31	6.85	91	200	CL 2400	2.05	46.97	1.50	14.59	Branch Collector Hemlock Street
<b>Spruce Street Collector</b>																						
Spruce Street	3350	3334	22	52.8	52.8	4.31	0.90	0.00	0.00	0.00	1.62	0.19	0.19	1.09	237	200	CL 2400	0.59	25.20	0.80	4.33	
<b>Woodland Crescent System</b>																						
Woodland Crescent	3334	3333	9	21.6	74.4	4.28	1.25	0.00	0.00	0.00	0.97	0.12	0.31	1.56	90	200	CL 2400	1.03	33.29	1.06	4.69	Branch Collector from Spruce St.
Woodland Crescent	3307	3306	7	16.8	196.8	4.15	3.21	0.00	0.00	0.00	0.22	0.03	0.70	3.92	90	200	CL 2400	3.72	63.27	2.01	6.19	Branch Collector from Spruce St.
<b>Spruce Street System</b>																						
Spruce Street	3350	3307	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	0.54	0.06	0.06	0.40	92	200	CL 2400	2.67	53.60	1.71	0.74	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION Res. units Pop. per section		Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEANOUS FLOWS Individual Q(i) (L/s)		Cumulative (L/s)	PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS Size of Pipe (mm) Type of Pipe		Slope (%)	PIPE DESIGN Capacity n = 0.013 Full Flow Velocity (m/s)		PERCENTAGE OF UTILIZATION	REMARKS
<b>Woodlands Crescent Collector</b> Woodlands Crescent	3308	3307	2	4.8	160.8	4.18	2.65	0.00	0.00	0.00	0.22	0.03	0.61	3.26	90	200	CL 2400	0.4	20.75	0.66	15.71	Branch Collector from Oak St.	
<b>Oak Street System</b> Oak Avenue	3372	3308	28	67.2	67.2	4.29	1.13	0.00	0.00	0.00	2.02	0.24	0.24	1.38	329	200	PVC SDR 35	0.5	23.20	0.74	5.93		
<b>Woodlands Crescent Collector</b> Woodlands Crescent	3313	3309	36	86.4	86.4	4.26	1.45	0.00	0.00	0.00	2.77	0.33	0.33	1.78	337	200	PVC SDR 35	0.4	20.75	0.66	8.58		
Woodland Crescent	3309	3308	1	2.4	88.8	4.26	1.49	0.00	0.00	0.00	0.10	0.01	0.34	1.83	84	200	PVC SDR 35	0.4	20.75	0.66	8.83		
<b>Murphy Road System</b> Murphy Road	3411	3409	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	1.90	0.23	0.23	0.72	88	200	SCL 2400	0.4	20.75	0.66	3.48		
<b>Doran Road Collector</b> Doran Road	3161	1046	2	4.8	4.8	4.44	0.08	0.60	0.60	0.21	0.15	0.02	0.02	0.31	86	200	SCL 2400	0.4	20.75	0.66	1.50		
Doran Road	3409	3406	36	86.4	115.2	4.23	1.92	0.00	0.00	0.00	2.93	0.35	0.58	2.50	264	200	SCL 2400	0.4	20.75	0.66	12.03		
Doran Road	3406	3405	0	0	115.2	4.23	1.92	0.00	0.00	0.00	0.00	0.00	0.58	2.50	124	200	SCL 2400	6.28	82.21	2.62	3.04		
Doran Road	3405	3404	0	0	115.2	4.23	1.92	0.00	0.00	0.00	0.00	0.00	0.58	2.50	14	200	SCL 2400	0.4	20.75	0.66	12.03		
Doran Road	3404	3401	23	55.2	170.4	4.17	2.80	0.00	0.00	0.00	2.08	0.25	0.83	3.63	269	200	SCL 2400	1.96	45.93	1.46	7.90		
Doran Road	3401	3400	3	7.2	177.6	4.17	2.91	0.00	0.00	0.00	0.20	0.02	0.85	3.77	76	200	SCL 2400	0.89	30.95	0.99	12.17		
Doran Road	3400	1046	13	31.2	208.8	4.14	3.40	0.00	0.00	0.00	0.98	0.12	0.97	4.37	111	200	SCL 2400	0.64	26.24	0.84	16.66		
<b>Hilda Street System</b> Hilda Street	3153	3151	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	0.98	0.12	0.12	0.57	61	200	SCL 2400	0.4	20.75	0.66	2.75		
<b>Doran Road Collector</b> Doran Road	3151	1047	2	4.8	31.2	4.35	0.53	0.93	0.93	0.32	0.15	0.02	0.14	0.99	82	200	SCL 2400	0.37	19.95	0.64	4.98		
<b>Mary Street Collector</b> Mary Street	3227	3226	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	0.78	0.09	0.09	0.38	84	200	SCL 2400	0.4	20.75	0.66	1.85	to Edith Street Collector Start	
Mary Street	3226	3223	22	52.8	69.6	4.28	1.17	0.00	0.00	0.00	1.77	0.21	0.31	1.48	86	200	SCL 2400	2.04	46.86	1.49	3.16		
Mary Street	3223	3221	19	45.6	115.2	4.23	1.92	0.00	0.00	0.00	1.57	0.19	0.49	2.41	85	200	SCL 2400	0.96	32.14	1.02	7.50		
Mary Street	3221	3200	10	24	139.2	4.20	2.30	0.00	0.00	0.00	0.75	0.09	0.58	2.89	82	200	SCL 2400	0.95	31.97	1.02	9.03		
Mary Street	3200	1045	10	24	436.8	4.00	6.88	0.00	2.56	0.89	0.75	0.09	2.09	9.86	131	200	SCL 2400	0.6	25.41	0.81	38.81	Branch Collector Laura Street	
Mary Street	3260	1045	3	7.2	7.2	4.43	0.13	0.00	0.00	0.00	0.28	0.03	0.03	0.16	50	200	SCL 2400	0.4	20.75	0.66	0.77	Start	
<b>Laura Street Collector</b> Laura Street	3201	3200	0	0	273.6	4.10	4.41	0.00	2.56	0.89	1.28	0.15	1.42	6.72	78	200	SCL 2400	0.4	20.75	0.66	32.37	Murry Street Collector Branch Collector John Street	
<b>John Street Collector</b> John Street	3203	3201	12	28.8	259.2	4.10	4.19	0.00	2.56	0.89	0.77	0.09	1.18	6.25	68	200	SCL 2400	0.48	22.73	0.72	27.51	to Laura Street Collector	
<b>Norman Street System</b> Norman Street	3270	3204	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	0.47	0.06	0.06	0.55	105	200	SCL 2400	0.4	20.75	0.66	2.65	to John Street Collector Start	
Norman Street	3204	3203	0	0	230.4	4.13	3.74	0.00	2.56	0.89	0.00	0.00	1.08	5.71	28	200	SCL 2400	0.4	20.75	0.66	27.54	Branch Collector John Street	
<b>John Street Collector</b> John Street	3252	3209	18	43.2	43.2	4.33	0.74	0.00	0.00	0.00	2.12	0.25	0.25	0.99	68	200	SCL 2400	1.08	34.09	1.09	2.90	to Laura Street Collector	
John Street	3209	3206	17	40.8	136.8	4.20	2.26	0.00	0.00	0.00	1.69	0.20	0.75	3.01	93	200	SCL 2400	1.1	34.41	1.10	8.76		
John Street	3206	3204	17	40.8	201.6	4.15	3.29	0.00	2.56	0.89	1.56	0.19	1.03	5.21	83	200	SCL 2400	0.4	20.75	0.66	25.10		
John Street	3230	3201	6	14.4	14.4	4.40	0.25	0.00	0.00	0.00	0.72	0.09	0.09	0.34	80	200	SCL 2400	0.4	20.75	0.66	1.62	Start	
<b>Herman Street System</b> Herman Street	3241	3240	9	21.6	21.6	4.38	0.37	2.56	2.56	0.89	0.70	0.08	0.08	1.34	65	200	SCL 2400	0.4	20.75	0.66	6.48	to John Street Collector Start	
Herman Street	3240	3206	1	2.4	24	4.37	0.41	0.00	2.56	0.89	0.06	0.01	0.09	1.39	88	200	SCL 2400	0.4	20.75	0.66	6.71		
<b>Roy Street System</b> Roy Street	3212	3211	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	1.28	0.15	0.15	0.69	111	200	ACCL 2400	2.9	55.87	1.78	1.23	to John Street Collector Start	
Roy Street	3211	3210	6	14.4	45.6	4.32	0.78	0.00	0.00	0.00	0.76	0.09	0.24	1.02	84	200	ACCL 2400	0.4	20.75	0.66	4.92		
Roy Street	3210	3209	3	7.2	52.8	4.31	0.90	0.00	0.00	0.00	0.40	0.05	0.29	1.19	82	200	ACCL 2400	0.4	20.75	0.66	5.73		



**APPENDIX G**

**SANITARY SEWER MODEL  
ALL DRAFTED APPROVED  
SUBDIVISIONS FULLY DEVELOPED**

TOWN OF PETAWAWA SANITARY SEWERS  
CALCULATIONS FOR THE EXISTING SYSTEM  
PROJECT NO: 2115331A  
Date: Nov. 2011  
FILE:P:\Docs211\2115331A\Sanitary Background Information\Petawawa Sanitary System - 2011 Update

**Scenario 2 - Existing Conditions + all draft approved developments**

INCLUDES - LIMESTONE 3 & 4 & Commercial  
HIGHLAND - 3 & 4A  
BRIARWOOD PHASE 3  
THE FOREST - PHASE 3 & 4  
VEREYKEN  
LAURENTIAN HIGHLANDS - Phases 1A & 1B

Petawawa Town Center - Towns & Commercial  
Highland Park - 4B & 5  
Laurentian Highlands 2A, 2B & 2C  
Hoffman Victoria Street  
2 Schools

Where: q = Average daily per capita flow (L/capita/d)  
I = Unit of peak extraneous flow (L/ha/s)  
M = Peaking factor  
Q(p) = Peak population flow (L/s)  
Q(i) = Peak extraneous flow (L/s)

Formulas: Q(d) = Q(p) + peak ext. cum. flow (L/s)  
Q(i) = I x pipe size(pipe length/1000)(L/s)  
Q(p) = cum. pop/ln x q(M/86400) (L/s)  
Q(d) = Q(p) + peak ext. cum. flow (L/s)  
M = 1 + 14/(SQRT(cum. pop/ln/1000))+4

Values: q = 340 L/c/d  
Persons/unit = 2.4  
I = 0.12 L/s/ha  
ICI Peaking Factor = 3  
ICI Flow Rate = 10000 L/ha/day  
= 0.1157407 L/s/ha

Q(d) = Peak design flow

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APPROX LOCATION, STREET NAME, etc.	From MH No.	To MH No.	Res. units by section	POPULATION Pop. per section	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Res. Area (ha.)	EXTRANEUS FLOWS Individual Q(i) (L/s)	Cummulative (L/s)	PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)	PERCENTAGE OF UTILIZATION	REMARKS
<b>Victoria Street Trunk</b>																					
Victoria Street	2607	2606	0	0	4.50	0.00	0.22	0.22	0.08	0.00	0.00	0.00	0.08	81	200	SCL 2400	0.4	20.75	0.66	0.37	Start
Victoria Street	2606	2605	4	9.6	4.42	0.17	0.59	0.81	0.28	0.45	0.05	0.05	0.50	77	200	SCL 2400	0.4	20.75	0.66	2.42	
Victoria Street	2605	2604	0	0	4.32	0.82	0.00	1.07	0.37	0.00	0.00	0.20	1.39	37	200	SCL 2400	0.4	20.75	0.66	6.68	Branch Collector Willard Street
Victoria Street	2604	2601	14	33.6	4.27	1.37	0.00	1.07	0.37	1.13	0.14	0.33	2.08	221	200	SCL 2400	0.4	20.75	0.66	10.01	Includes Hoffman Subdivision
Victoria Street	2601	1032	0	0	4.23	1.92	0.00	1.07	0.37	0.00	0.00	0.47	2.76	141	200	SCL 3300	0.4	20.75	0.66	13.30	Branch Collector Ethel Street
<b>Victoria Street Trunk</b>																					
Victoria Street	1032	1031	3	7.2	3.41	44.13	1.00	23.75	8.25	0.60	0.07	13.71	66.09	53	400	SCL 4000	0.16	83.32	0.66	79.32	Branch Collector Violet Street
Victoria Street	1031	1030	0	0	3.41	44.13	0.36	24.11	8.37	0.00	0.00	13.71	66.21	107	400	SCL 5000	0.16	83.32	0.66	79.47	
Victoria Street	1030	1029	0	0	3.41	44.13	0.39	24.50	8.51	0.00	0.00	13.71	66.35	79	400	SCL 5000	0.16	83.32	0.66	79.63	
Victoria Street	1029	1028	0	0	3.41	44.13	0.00	24.50	8.51	0.00	0.00	13.71	66.35	37	400	SCL 5000	0.16	83.32	0.66	79.63	
Victoria Street	1028	1027	0	0	3.16	75.98	0.00	6103.2	3.16	0.00	0.00	21.85	109.62	94	300	AC Sewer	1.11	101.90	1.44	107.57	Branch Collector Wolfe Avenue
Victoria Street	1027	1026	0	0	3.16	75.98	0.00	6103.2	3.16	0.00	0.00	21.85	109.62	48	300	AC Sewer	3.83	189.29	2.68	57.91	
Victoria Street	1026	1025	0	0	3.16	75.98	0.00	6103.2	3.16	0.00	0.00	21.85	109.62	61	300	AC Sewer	4.01	193.69	2.74	56.60	
Victoria Street	1025	1024	0	0	3.16	75.98	0.00	6103.2	3.16	0.00	0.00	21.85	109.62	51	450	AC Sewer	2.45	446.37	2.81	24.56	Branch Collector Vermont Meadows
Victoria Street	1024	1023	68	163.2	3.15	77.75	0.00	6266.4	3.15	0.00	0.00	21.85	111.68	19	450	AC Sewer	2.45	446.37	2.81	25.02	Branch Collector Armstrong Road
Victoria Street	1023	1022	2	4.8	3.15	77.98	0.00	6288	3.15	0.64	0.08	22.41	112.18	16	450	AC Sewer	2.43	444.54	2.80	25.23	
Victoria Street	1022	1021	0	0	3.15	77.98	0.00	6288	3.15	0.00	0.00	22.41	112.18	54	300	AC Sewer	3.9	191.01	2.70	58.73	
Victoria Street	1021	1020	6	14.4	3.15	78.13	0.00	6302.4	3.15	1.24	0.15	22.56	112.48	63	300	AC Sewer	4.03	194.17	2.75	57.93	
Victoria Street	1020	1019	8	19.2	3.15	79.01	0.00	6384	3.15	1.25	0.15	23.39	114.19	114	300	AC Sewer	1.17	104.62	1.48	109.14	
Victoria Street	1019	1018	3	7.2	3.14	79.09	0.00	6391.2	3.14	0.34	0.04	23.43	114.30	66	450	AC Sewer	0.125	100.82	0.63	113.37	Branch Collector Armstrong Road
Victoria Street	1018	1017	4	9.6	3.14	79.19	0.00	6400.8	3.14	0.47	0.06	23.49	114.46	89	450	AC Sewer	0.125	100.82	0.63	113.53	
Victoria Street	1017	1016	6	14.4	3.14	79.35	0.00	6415.2	3.14	0.57	0.07	23.55	114.69	57	450	AC Sewer	0.22	133.76	0.84	85.74	
Victoria Street	1016	1015	9	21.6	3.14	79.58	0.00	6436.8	3.14	0.68	0.08	23.64	115.00	119	525	PVC DR35	0.125	152.09	0.70	75.62	
Victoria Street	1015	1014	7	16.8	3.14	79.76	0.00	6453.6	3.14	0.85	0.10	23.74	115.28	50	450	AC Sewer	0.125	100.82	0.63	114.34	
Victoria Street	1014	1013	1	2.4	3.14	80.17	0.00	6492	3.14	0.42	0.05	24.35	116.31	68	450	AC Sewer	0.125	100.82	0.63	115.36	Branch Collector Armstrong Road
Victoria Street	1013	1012	4	9.6	3.14	80.27	0.00	6501.6	3.14	0.42	0.05	24.40	116.46	84	450	AC Sewer	0.125	100.82	0.63	115.51	
Victoria Street	1012	1011	3	7.2	3.14	80.35	0.00	6508.8	3.14	0.80	0.10	24.50	116.63	101	525	PVC DR35	0.125	152.09	0.70	76.69	
Victoria Street	1011	1010	0	0	2.93	122.63	0.00	183.95	63.87	0.00	0.00	37.70	224.20	106	675	RCPipe(C76)	0.125	297.27	0.83	75.42	Branch Collector North Townsite
Victoria Street	1010	1009	0	0	2.93	122.63	0.00	183.95	63.87	0.00	0.00	37.70	224.20	12	675	RCPipe(C76)	0.125	297.27	0.83	75.42	
Victoria Street	1009	1008	6	14.4	2.86	139.68	0.00	12405.6	2.86	1.03	0.12	44.53	264.62	109	675	RCPipe(C76)	0.09	252.24	0.70	104.91	Branch Collector Laurentian Drive
Victoria Street	1008	1007	1	2.4	2.86	139.70	0.00	12408	2.86	0.23	0.03	44.56	264.67	123	675	RCPipe(C76)	0.09	252.24	0.70	104.93	
Victoria Street	1007	1006	1	2.4	2.85	142.17	0.00	12667.2	2.85	0.13	0.02	46.00	268.59	91	675	RCPipe(C76)	0.09	252.24	0.70	106.48	Branch Collector East Street
Victoria Street	1006	1005	0	0	2.85	142.17	0.00	12667.2	2.85	0.00	0.00	46.00	268.59	49	675	RCPipe(C76)	0.09	252.24	0.70	106.48	
Victoria Street	1005	1004	0	0	2.85	142.17	0.00	12667.2	2.85	0.00	0.00	46.00	268.59	84	675	RCPipe(C76)	0.09	252.24	0.70	106.48	
Victoria Street	1004	1003	0	0	2.84	144.20	0.00	12880.8	2.84	0.00	0.00	47.11	271.72	52	675	RCPipe(C76)	0.09	252.24	0.70	107.72	Branch Collector Jan Drive
Victoria Street	1003	1002	0	0	2.84	144.20	0.00	12880.8	2.84	0.00	0.00	47.11	271.72	69	675	RCPipe(C76)	0.09	252.24	0.70	107.72	
Victoria Street	1002	1001	0	0	2.84	144.20	0.00	12880.8	2.84	0.00	0.00	47.11	271.72	34	675	RCPipe(C76)	0.09	252.24	0.70	107.72	
Victoria Street	1001	1000	0	0	2.84	144.20	0.00	12880.8	2.84	0.00	0.00	47.11	271.72	83	675	RCPipe(C76)	0.09	252.24	0.70	107.72	Sewage Plant (start)
<b>Laurentian Drive Collector</b>																					
Renfrew St. PS	2205	2204	0	0	3.63	24.96	0.00	1747.2	3.63	0.00	0.00	6.71	48.22								
Laurentian Drive	2204	2203	0	0	3.63	24.96	0.00	1747.2	3.63	0.00	0.00	6.71	48.22	1718	200	PVC Class 150	0.09	60.00	1.91	80.36	Forcemain
Laurentian Drive	2203	2202	0	0	3.63	24.96	0.00	1747.2	3.63	0.00	0.00	6.71	48.22	110	200	PVC DR35	6.32	82.47	2.63	58.47	
Laurentian Drive	2202	2201	0	0	3.63	24.96	0.00	1747.2	3.63	0.00	0.00	6.71	48.22	110	200	PVC DR35	8	92.79	2.95	51.97	
Laurentian Drive	2201	2200	0	0	3.63	24.96	0.00	1747.2	3.63	0.00	0.00	6.71	48.22	113	200	PVC DR35	7.5	89.84	2.86	53.67	
Laurentian Drive	2200	1009	0	0	3.63	24.96	0.00	1747.2	3.63	0.00	0.00	6.71	48.22	55	200	PVC DR35	3.25	59.14	1.88	81.53	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	Res. units by section	POPULATION Pop. per section	Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Res. Area (ha.)	EXTRANEOUS FLOWS Individual Q(i) (L/s)	Cumulative (L/s)	PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)	PERCENTAGE OF UTILIZATION	REMARKS
<b>Jan Drive System</b>																						
Jan Drive	2105	2104	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	0.60	0.07	0.07	0.40	77	200	San.	0.5	23.20	0.74	1.74	to Edward Street Collector
Jan Drive	2104	2102	14	33.6	52.8	4.31	0.90	0.00	0.00	0.00	0.79	0.09	0.17	1.06	170	200	San.	0.5	23.20	0.74	4.58	Start
<b>Edward Street Collector</b>																						
Edward Street	2160	2102	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	0.51	0.06	0.06	0.35	50	200	San.	0.98	32.48	1.03	1.08	to Victoria Street Trunk
Edward Street	2102	2101	0	0	69.6	4.28	1.17	0.00	0.00	0.00	0.00	0.00	0.228	1.40	80	200	San.	1.9	45.22	1.44	3.10	Branch Collector Jan Drive
Edward Street	2101	2391	0	0	165.6	4.18	2.72	0.00	0.00	0.00	0.00	0.00	0.81	3.53	13	200	San.	0.46	22.25	0.71	15.86	Branch Collector Earl Street
Edward Street	2391	2100	20	48	213.6	4.14	3.48	0.00	0.00	0.00	2.49	0.30	1.11	4.58	13	200	San.	0.46	22.25	0.71	20.60	Branch Collector Bayshore
<b>Earl Street System</b>																						
Earl Street	2172	2171	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.87	0.22	0.22	0.80	118	200	San.	0.4	20.75	0.66	3.85	Start
Earl Street	2171	2101	11	26.4	60	4.30	1.01	0.00	0.00	0.00	1.46	0.18	0.40	1.41	141	200	San.	0.4	20.75	0.66	6.82	
Earl Street	2152	2101	15	36	36	4.34	0.62	0.00	0.00	0.00	1.50	0.18	0.18	0.80	150	200	San.	1.35	38.12	1.21	2.09	
<b>Edward Street Collector</b>																						
Edward Street	2100	1004	0	0	213.6	4.14	3.48	0.00	0.00	0.00	0.00	0.00	1.11	4.58	347	100	160 PVC	0	6.00	0.76	76.40	to Victoria Street Trunk Forcemain to Alice Street Collector
<b>Albert Street Branch</b>																						
Albert Street	2309	2307	17	40.8	40.8	4.33	0.70	0.00	0.00	0.00	2.13	0.26	0.26	0.95	198	200	SCL 2400	0.4	20.75	0.66	4.58	Start
Albert Street	2307	2306	6	14.4	55.2	4.31	0.94	0.00	0.00	0.00	0.40	0.05	0.30	1.24	122	200	SCL 2400	0.4	20.75	0.66	5.97	
Albert Street	2306	2305	3	7.2	62.4	4.29	1.05	0.00	0.00	0.00	0.32	0.04	0.34	1.40	106	200	SCL 2400	0.4	20.75	0.66	6.73	
Albert Street	2380	2305	3	7.2	7.2	4.43	0.13	0.00	0.00	0.00	0.59	0.07	0.07	0.20	61	200	SCL 2400	0.4	20.75	0.66	0.95	Start
<b>Alice Street Collector</b>																						
Alice Street	2305	2304	5	12	81.6	4.27	1.37	0.00	0.00	0.00	0.41	0.05	0.46	1.83	108	200	SCL 3300	0.4	20.75	0.66	8.83	to East Street Collector
Alice Street	2304	2303	11	26.4	108	4.23	1.80	0.00	0.00	0.00	1.26	0.15	0.61	2.41	101	200	SCL 3300	0.4	20.75	0.66	11.63	Branch Collector Albert Street
<b>Point Crescent System</b>																						
Point Crescent	2371	2370	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	0.82	0.10	0.10	0.59	96	200	ACCL 2400	0.4	20.75	0.66	2.85	to East Street Collector
Point Crescent	2370	2351	9	21.6	50.4	4.31	0.86	0.00	0.00	0.00	0.74	0.09	0.19	1.04	125	200	ACCL 2400	0.4	20.75	0.66	5.03	Start
<b>Edward Street System</b>																						
Edward Street	2360	2353	9	21.6	21.6	4.38	0.37	0.00	0.00	0.00	1.56	0.19	0.19	0.56	70	200	ACCL 2400	1	32.81	1.04	1.70	to East Street Collector
<b>East Street Collector</b>																						
East Street	2390	2353	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	1.09	0.13	0.13	0.46	85	200	SCL 2400	0.4	20.75	0.66	2.23	to Victoria Street Trunk
East Street	2353	2351	7	16.8	57.6	4.30	0.98	0.00	0.00	0.00	0.86	0.10	0.42	1.40	122	200	SCL 2400	0.4	20.75	0.66	6.73	Start
East Street	2351	2303	5	12	120	4.22	1.99	0.00	0.00	0.00	0.68	0.08	0.69	2.68	112	200	SCL 2400	0.4	20.75	0.66	12.93	Branch Collector Edward Street
East Street	2303	2302	2	4.8	232.8	4.12	3.78	0.00	0.00	0.00	0.15	0.02	1.32	5.10	21	200	SCL 3300	0.4	20.75	0.66	24.57	Branch Collector Alice Street
East Street	2302	2301	0	0	232.8	4.12	3.78	0.00	0.00	0.00	0.00	0.00	1.32	5.10	19	200	SCL 3300	0.4	20.75	0.66	24.57	
East Street	2301	2300	0	0	232.8	4.12	3.78	0.00	0.00	0.00	0.00	0.00	1.32	5.10	381	100	CL 380	0.16	5.68	0.72	89.80	Forcemain
East Street	2300	1007	10	24	256.8	4.11	4.15	0.00	0.00	0.00	0.90	0.11	1.43	5.58	119	200	SCL 2400	0.4	20.75	0.66	26.89	
<b>North Townsite</b>																						
Northern Interceptor	Pet.River	9000	1723	4135.2	4135.2	3.32	54.03	150.00	150.00	52.08	110.00	13.20	13.20	119.31	47	610	AC Class II	0.1	202.97	0.69	58.79	to Victoria Street Trunk
Northern Interceptor	9000	1011	0	0	4135.2	3.32	54.03	0.00	150.00	52.08	0.00	0.00	13.20	119.31	84	610	AC Class II	0.1	202.97	0.69	58.79	(Start) North CFB Branch Collector Alfred Street
<b>Armstrong Road Collector</b>																						
Armstrong Road	2406	2402	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	3.60	0.43	0.43	0.89	171	200	SCL 2400	0.43	21.51	0.68	4.12	to Victoria Street Trunk
Armstrong Road	2402	1014	4	9.6	36	4.34	0.62	0.00	0.00	0.00	1.08	0.13	0.56	1.18	109	200	SCL 2400	7.23	88.21	2.18	1.33	Start
Armstrong Road	2462	2461	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	1.99	0.24	0.24	0.53	33	200	SCL 2400	0.32	18.56	0.59	2.85	Start
Armstrong Road	2461	2452	10	24	40.8	4.33	0.70	0.00	0.00	0.00	2.13	0.26	0.49	1.19	189	200	SCL 2400	0.28	17.36	0.55	6.85	
Armstrong Road	2455	2452	9	21.6	21.6	4.38	0.37	0.00	0.00	0.00	1.51	0.18	0.18	0.55	144	200	SCL 2400	0.25	16.40	0.52	3.37	Start
Armstrong Road	2452	1019	0	0	62.4	4.29	1.05	0.00	0.00	0.00	0.00	0.00	0.68	1.73	152	200	SCL 2400	7.2	88.03	2.80	1.97	Branch Collector Easement
Armstrong Road	2470	1023	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	1.57	0.19	0.19	0.48	94	200	SCL 2400	0.39	20.49	0.65	2.34	Start
<b>Wolfe Avenue Collector</b>																						
South Townsite	to	8001	757	1816.8	1816.8	3.62	25.87	0.00	0.00	0.00	35.00	4.20	4.20	30.07								Population based on MPAC data
Wolfe Avenue	8001	8000	0	0	1816.8	3.62	25.87	0.00	0.00	0.00	1.80	0.22	4.42	30.28	104	300	AC Sewer	0.5	68.39	0.97	44.28	Branch Collector
Wolfe Avenue	8000	1028	0	0	1816.8	3.62	25.87	2.80	2.80	0.97	0.00	0.00	4.42	31.25	113	300	AC Sewer	0.25	48.36	0.68	64.63	apartment buildings
<b>Violet Street Trunk</b>																						
Violet Street	1036	1035	6	14.4	3069.6	3.43	41.48	0.00	18.57	6.45	0.42	0.05	12.71	60.64	94	400	SCL 5000	0.16	83.32	0.66	72.78	
Violet Street	1035	1032	11	26.4	3168	3.42	42.66	0.00	21.68	7.53	1.13	0.14	13.17	63.36	203	400	SCL 5000	0.16	83.32	0.66	76.04	Branch Collector Mohs Avenue

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	PIPE SPECIFICATIONS				PIPE DESIGN		PERCENTAGE OF UTILIZATION	REMARKS
			Res. units by section	Pop. per section								Individual Q(i) (L/s)	Cumulative (L/s)		Length of Pipe (m)	Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)		
<b>Vereyken Crescent Collector</b>																						
Vereyken Crescent	3527	3526	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	0.58	0.07	0.07	0.40	65	200	PVC DR 35	0.4	20.75	0.66	1.93	to Wilbert Street Collector
Vereyken Crescent	3526	3525	32	76.8	96	4.25	1.60	0.00	0.00	0.00	0.58	0.07	0.14	1.74	38	200	PVC DR 35	0.4	20.75	0.66	8.41	Start
Vereyken Crescent	3525	3522	38	91.2	187.2	4.16	3.06	1.66	1.66	0.58	0.86	0.10	0.24	3.88	187	200	PVC DR 35	0.4	20.75	0.66	18.71	
Vereyken Crescent	3522	3521	23	55.2	242.4	4.12	3.93	0.00	1.66	0.58	0.57	0.07	0.31	4.81	31	300	SCL 3300	0.06	23.69	0.34	20.32	
Vereyken Crescent	3521	3507	8	19.2	328.8	4.06	5.25	0.00	1.66	0.58	0.52	0.06	0.60	6.43	99	300	SCL 3300	0.25	48.36	0.68	13.30	
Vereyken Crescent	3527	3531	6	14.4	14.4	4.40	0.25	0.00	0.00	0.00	0.50	0.06	0.06	0.31	126	200	PVC DR 35	0.4	20.75	0.66	1.49	Start
Vereyken Crescent	3533	3531	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	0.76	0.09	0.09	0.63	94	200	PVC DR 35	0.4	20.75	0.66	3.01	Start
Vereyken Crescent	3531	3530	9	21.6	67.2	4.29	1.13	0.00	0.00	0.00	0.64	0.08	0.23	1.36	90	200	PVC DR 35	0.4	20.75	0.66	6.56	Branch Collector Vereyken Crescent
Vereyken Crescent	3530	3521	0	0	67.2	4.29	1.13	0.00	0.00	0.00	0.00	0.00	0.23	1.36	40	200	PVC DR 35	0.4	20.75	0.66	6.56	
<b>Wilbert Street Collector</b>																						
Wilbert Street	3507	3505	9	21.6	1348.8	3.71	19.70	0.00	4.77	1.66	0.84	0.10	5.39	26.75	100	300	SCL 3300	0.25	48.36	0.68	55.31	to Violet Street Trunk
Wilbert Street	3505	3503	9	21.6	1370.4	3.71	19.99	0.00	4.77	1.66	0.95	0.11	5.50	27.15	139	300	SCL 4000	0.25	48.36	0.68	56.15	Branch Collector Dundonald Drive
Wilbert to Violet St	3503	1037	0	0	1370.4	3.71	19.99	0.00	4.77	1.66	0.00	0.00	5.50	27.15	309	300	SCL 4000	0.25	48.36	0.68	56.15	
Wilbert to Violet St	1037	1036	0	0	3055.2	3.44	41.31	0.00	18.57	6.45	0.00	0.00	12.66	60.42	69	400	SCL 5000	0.16	83.32	0.66	72.51	Branch Collector Maple Avenue
<b>Dundonald Drive Collector</b>																						
Herman to Cord 51	3510	3509	0	0	998.4	3.80	14.93	0.00	0.00	0.00	0.00	0.00	4.69	19.62	47	200	ACCL 3300	0.82	29.71	0.95	66.04	to Wilbert Street Collector
Cord 51	3509	3508	0	0	998.4	3.80	14.93	0.00	0.00	0.00	0.00	0.00	4.69	19.62	23	200	PVC SDR 35	2	46.39	1.48	42.29	Branch Collector Herman Street
Dundonald to Wilbert	3508	3507	0	0	998.4	3.80	14.93	0.00	3.11	1.08	0.00	0.00	4.69	20.70	95.2	250	PVC SDR 35	0.28	31.47	0.64	65.76	
<b>Herman Street System</b>																						
Eastway -Phase 1&2A			212	508.8	508.8	3.97	7.95	0.00	0.00	0.00	24.22	2.91	2.91	10.86		200	PVC SDR 35	2	46.39	1.48	23.40	Laurentian Highlands - Phase 1 & 2A
Murphy Road	ext.	4000	95	228	736.8	3.88	11.25	0.00	0.00	0.00	5.54	0.66	3.57	14.83		200	PVC SDR 35	0.5	23.20	0.74	63.91	Includes flow for The Forest Subdivision (87 lots) and 8 lots along Murphy Road
Herman Street	4000	3542	4	9.6	746.4	3.88	11.39	0.00	0.00	0.00	0.48	0.06	3.63	15.02		200	ACCL 2400	0.4	20.75	0.66	72.39	
Herman Street	3542	3541	5	12	811.2	3.86	12.31	0.00	0.00	0.00	0.48	0.06	3.91	16.22	104	200	ACCL 2400	0.4	20.75	0.66	78.17	Branch Collector Laroche Crescent
Herman Street	3541	3510	25	60	871.2	3.84	13.16	0.00	0.00	0.00	1.94	0.23	4.14	17.30	101	200	ACCL 2400	0.4	20.75	0.66	83.36	
Herman Street	3561	3511	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.13	0.14	0.14	0.71	141	200	ACCL 2400	0.6	25.41	0.81	2.80	Start
Herman Street	3511	3510	0	0	127.2	4.21	2.11	0.00	0.00	0.00	0.00	0.00	0.55	2.66	24	200	ACCL 2400	0.4	20.75	0.66	12.81	Branch Collector Laroche Crescent
<b>Laroche Crescent System</b>																						
Laroche Crescent	3545	3542	22	52.8	52.8	4.31	0.90	0.00	0.00	0.00	1.83	0.22	0.22	1.12	242	200	ACCL 2400	0.4	20.75	0.66	5.37	to Herman Street Collector
<b>Laroche Crescent Collector</b>																						
Laroche Crescent	3516	3514	15	36	36	4.34	0.62	0.00	0.00	0.00	1.43	0.17	0.17	0.79	122	200	ACCL 2400	2	46.39	1.48	1.70	
Laroche Crescent	3514	3512	7	16.8	52.8	4.31	0.90	0.00	0.00	0.00	0.68	0.08	0.25	1.15	98	200	ACCL 2400	3.4	60.49	1.93	1.90	
Laroche Crescent	3512	3511	0	0	93.6	4.25	1.57	0.00	0.00	0.00	0.00	0.00	0.41	1.98	88	200	ACCL 2400	0.9	31.12	0.99	6.36	
<b>James Street System</b>																						
James Street	3551	3512	17	40.8	40.8	4.33	0.70	0.00	0.00	0.00	1.33	0.16	0.16	0.86	198	200	ACCL 2400	0.4	20.75	0.66	4.12	
<b>County Road 51 System</b>																						
Cord 51	3573	3508	0	0	0	4.50	0.00	1.84	1.84	0.64	0.00	0.00	0.00	0.64		200	SCL 2400	0.4	20.75	0.66	3.08	
Cord 51	3583	3508	0	0	0	4.50	0.00	1.27	1.27	0.44	0.00	0.00	0.00	0.44	293	200	SCL 2400	0.39	20.49	0.65	2.15	
<b>Mohms Avenue Collector</b>																						
Mohms Avenue	2753	1035	8	19.2	19.2	4.38	0.33	0.65	0.65	0.23	1.17	0.14	0.14	0.70	338	200	SCL 2400	0.4	20.75	0.66	3.36	
RRCSS to Mohms Ave.	2770	2703	0	0	52.8	4.31	0.90	1.59	1.59	0.55	0.00	0.00	0.18	1.63	86	200	SCL 2400	0.4	20.75	0.66	7.86	
Mohms Avenue	2704	2703	0	0	0	4.50	0.00	0.87	0.87	0.30	0.00	0.00	0.00	0.30	22	200	SCL 2400	0.4	20.75	0.66	1.46	
Mohms Avenue	2703	2701	7	16.8	16.8	4.39	0.29	0.00	2.46	0.85	0.50	0.06	0.06	1.20	181	200	SCL 2400	0.4	20.75	0.66	5.80	
Mohms Avenue	2701	2700	0	0	16.8	4.39	0.29	0.00	2.46	0.85	0.00	0.00	0.06	1.20	22	200	SCL 2400	0.4	20.75	0.66	5.80	
Mohms Avenue	2700	1035	4	9.6	52.8	4.31	0.90	0.00	2.46	0.85	0.31	0.04	0.18	1.93	94	200	SCL 2400	0.4	20.75	0.66	9.31	
<b>Ethel Street System</b>																						
Ethel Street	2760	2700	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	0.71	0.09	0.09	0.54	74	200	SCL 2400	1.04	33.45	1.06	1.61	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual	Cummulative	ICI Flows (L/s)	Area (ha.)	EXTRANEUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	PIPE SPECIFICATIONS			PIPE DESIGN		PERCENTAGE OF UTILIZATION	REMARKS	
	Res. units by section	Pop. per section	ICI Lands (ha.)	ICI Lands (ha.)				Individual Q(i) (L/s)	Cumulative (L/s)			Length of Pipe (m)	Size of Pipe (mm)		Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)				
<b>Ethel Street System</b>																						
Ethel Street	2651	2601	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.14	0.14	0.14	0.71	179	200	SCL 2400	0.4	20.75	0.66	3.43	
<b>Willard Street System</b>																						
Willard Street	2671	2605	16	38.4	38.4	4.34	0.66	0.26	0.26	0.09	1.21	0.15	0.15	0.89	185	200	SCL 2400	0.4	20.75	0.66	4.29	
<b>County Road 51 System</b>																						
Cord 51	3032	3003	0	0	0	4.50	0.00	1.17	1.17	0.41	0.00	0.00	0.00	0.41	159	200	SCL 2400	0.39	20.49	0.65	1.98	
<b>County Road 51 Collector</b>																						
Cord 51	3003	3002	0	0	9.6	4.42	0.17	0.00	5.06	1.76	0.00	0.00	0.04	1.97	34	300	SCL 2400	0.1	30.59	0.43	6.43	
Cord 51	3002	3001	0	0	9.6	4.42	0.17	0.00	5.06	1.76	0.00	0.00	0.04	1.97	86	300	SCL 2400	0.3	52.98	0.75	3.71	
Cord 51	3001	3000	0	0	9.6	4.42	0.17	0.00	5.06	1.76	0.00	0.00	0.04	1.97	101	300	SCL 3300	0.22	45.37	0.64	4.34	
Cord 51	3000	1043	0	0	9.6	4.42	0.17	1.40	6.46	2.24	0.00	0.00	0.04	2.45	81	300	SCL 3300	0.27	50.26	0.71	4.88	
<b>Maple Avenue Collector</b>																						
Maple Avenue	1043	1042	0	0	1608	3.66	23.14	0.00	11.85	4.11	0.00	0.00	6.67	33.93	54	400	SCL 4000	0.16	83.32	0.66	40.72	
Maple Avenue	1042	1040	11	26.4	1634.4	3.65	23.49	0.00	11.85	4.11	1.10	0.13	6.81	34.41	96	400	SCL 5000	0.16	83.32	0.66	41.30	
Maple Avenue	1040	1039	8	19.2	1653.6	3.65	23.74	0.00	11.85	4.11	0.60	0.07	6.88	34.73	72	400	SCL 5000	0.16	83.32	0.66	41.69	
Maple Avenue	1039	1038	0	0	1682.4	3.64	24.12	0.00	11.85	4.11	0.00	0.00	7.14	35.37	81	400	SCL 5000	0.16	83.32	0.66	42.45	
Maple to Violet St.	1038	1037	1	2.4	1684.8	3.64	24.15	1.95	13.80	4.79	0.16	0.02	7.16	36.10	106	400	SCL 5000	0.16	83.32	0.66	43.33	
<b>Pine Pice System</b>																						
Pine Pice	1060	1039	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	2.18	0.26	0.26	0.76	109	200	ACCL 2400	0.58	24.98	0.80	3.02	
<b>Mohs Avenue System</b>																						
Mohs Avenue	3021	3020	4	9.6	9.6	4.42	0.17	0.00	0.00	0.00	0.36	0.04	0.04	0.21	75	200	SCL 2400	0.4	20.75	0.66	1.01	
Mohs Avenue	3020	3003	0	0	9.6	4.42	0.17	0.69	0.69	0.24	0.00	0.00	0.04	0.45	85	200	SCL 2400	1.6	41.50	1.32	1.08	
<b>Violet Street Trunk</b>																						
Cord 51	3602	3601	0	0	0	4.50	0.00	0.54	0.54	0.19	0.00	0.00	0.00	0.19	129	200	SCL 2400	0.45	22.01	0.70	0.85	
Cord 51	3601	3600	0	0	0	4.50	0.00	0.76	1.30	0.45	0.00	0.00	0.00	0.45	91	200	SCL 2400	0.37	19.95	0.64	2.26	
Cord 51	3600	1043	0	0	0	4.50	0.00	0.00	1.30	0.45	0.00	0.00	0.00	0.45	101	200	SCL 2400	0.43	21.51	0.68	2.10	
<b>Harry Street System</b>																						
Harry Street	2907	2906	5	12	12	4.41	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.21	70	200	PVC	0.91	31.29	1.00	0.66	
<b>Algonquin Street Collector</b>																						
Algonquin Street	2906	2904	12	28.8	40.8	4.33	0.70	0.00	0.00	0.00	0.93	0.11	0.11	0.81	165	200	PVC	1.19	35.79	1.14	2.26	
Algonquin Street	2904	2902	6	14.4	55.2	4.31	0.94	0.00	0.00	0.00	0.50	0.06	0.17	1.11	33	200	PVC	5.45	76.58	2.44	1.45	
Algonquin Street	2902	2901	6	14.4	144	4.20	2.38	0.00	0.00	0.00	0.57	0.07	0.63	3.01	73	200	PVC	0.4	20.75	0.66	14.49	
Algonquin to Harry	2901	2900	0	0	144	4.20	2.38	0.00	0.00	0.00	0.00	0.00	0.63	3.01	106	200	PVC	0.4	20.75	0.66	14.49	
<b>Park Drive System</b>																						
Park Drive	2917	2914	18	43.2	43.2	4.33	0.74	0.00	0.00	0.00	1.98	0.24	0.24	0.97	78	200	PVC	2.22	48.88	1.56	1.99	
Park Drive	2914	2902	13	31.2	74.4	4.28	1.25	0.00	0.00	0.00	1.26	0.15	0.39	1.64		200	PVC	0.4	20.75	0.66	7.91	
<b>Harry Street Collector</b>																						
Harry Street	2925	2922	15	36	36	4.34	0.62	0.00	0.00	0.00	1.25	0.15	0.15	0.77	162	200	SCL 2400	0.4	20.75	0.66	3.69	
Harry Street	2922	2921	6	14.4	50.4	4.31	0.86	0.00	0.00	0.00	0.60	0.07	0.22	1.08	71	200	SCL 2400	0.4	20.75	0.66	5.19	
Harry Street	2921	2920	2	4.8	55.2	4.31	0.94	0.00	0.00	0.00	0.33	0.04	0.26	1.20	62	200	SCL 2400	9.5	101.11	3.22	1.18	
Harry Street	2920	2900	2	4.8	60	4.30	1.01	0.00	0.00	0.00	0.00	0.00	0.26	1.28	45	200	SCL 2400	0.4	20.75	0.66	6.15	
Harry Street	2900	2801	0	0	204	4.14	3.33	0.00	0.00	0.00	0.00	0.00	0.89	4.22	13	200	SCL 2400	0.4	20.75	0.66	20.33	
Harry Street	2801	P/S	0	0	996	3.80	14.90	0.00	6.65	2.31	0.00	0.00	3.72	20.93	3	250	CL 2400	0.4	37.62	0.77	55.63	
Harry to Wolfe Ave.	P/S	1028	0	0	996	3.80	14.90	0.00	6.65	2.31	0.00	0.00	3.72	20.93	602	150	PVC	0	27.76	1.57	75.39	
<b>County Road 51 Collector</b>																						
Cord 51	3006	3005	0	0	0	4.50	0.00	0.78	0.78	0.27	0.00	0.00	0.00	0.27	88	300	SCL 2400	1.65	124.24	1.76	0.22	
Cord 51	3005	3004	0	0	0	4.50	0.00	1.21	1.99	0.69	0.00	0.00	0.00	0.69	88	300	SCL 2400	0.31	53.85	0.76	1.28	
Cord 51	3004	3003	0	0	0	4.50	0.00	1.21	3.20	1.11	0.00	0.00	0.00	1.11	25	300	SCL 2400	0.52	69.75	0.99	1.59	
<b>County Road 51 System</b>																						
Cord 51	2842	2808	0	0	0	4.50	0.00	1.21	1.21	0.42	0.00	0.00	0.00	0.42	69	200	SCL 2400	2	46.39	0.58	0.91	



APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cumulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	PIPE SPECIFICATIONS				PIPE DESIGN		PERCENTAGE OF UTILIZATION	REMARKS
			Res. units by section	Pop. per section								Individual Q(i) (L/s)	Cumulative (L/s)		Length of Pipe (m)	Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/s)	Full Flow Velocity (m/s)		
<b><u>County Road 51 Collector</u></b>																						
Cord 51	2808	2807	0	0	792	3.86	12.04	1.52	3.60	1.25	0.00	0.00	2.83	16.12	102	200	SCL 2400	1.15	35.18	1.12	45.82	
Cord 51	2807	2806	0	0	792	3.86	12.04	0.58	4.18	1.45	0.00	0.00	2.83	16.32	59	200	SCL 2400	0.26	16.73	0.53	97.56	
Cord 51	2806	2805	0	0	792	3.86	12.04	0.00	4.18	1.45	0.00	0.00	2.83	16.32	72	200	SCL 2400	1.65	42.14	1.34	38.73	
Cord 51	2805	2804	0	0	792	3.86	12.04	0.00	4.18	1.45	0.00	0.00	2.83	16.32	16	200	SCL 2400	2	46.39	1.48	35.18	
Cord 51	2804	2803	0	0	792	3.86	12.04	0.00	6.65	2.31	0.00	0.00	2.83	17.18	8	200	SCL 3300	8	92.79	2.95	18.51	
Cord 51	2803	2802	0	0	792	3.86	12.04	0.00	6.65	2.31	0.00	0.00	2.83	17.18	22	200	SCL 3300	8	92.79	2.95	18.51	
Cord 51	2802	2801	0	0	792	3.86	12.04	0.00	6.65	2.31	0.00	0.00	2.83	17.18	74	250	SCL 2400	0.7	49.76	1.01	34.52	
<b><u>County Road 51 System</u></b>																						
Cord 51	2835	2833	0	0	0	4.50	0.00	1.57	1.57	0.55	0.00	0.00	0.00	0.55		200	SCL 2400	1.15	35.18	1.12	1.55	
Cord 51	2833	2804	0	0	0	4.50	0.00	0.90	2.47	0.86	0.00	0.00	0.00	0.86		200	SCL 2400	1.13	34.87	1.11	2.46	
<b><u>Portage Road Branch</u></b>																						
Portage Road	2851	2850	0	0	0	4.50	0.00	0.35	0.35	0.12	0.00	0.00	0.00	0.12	87	200	SCL 2400	0.96	32.14	1.02	0.38	
Portage Road	2850	2814	0	0	0	4.50	0.00	0.52	0.87	0.30	0.00	0.00	0.00	0.30	43	200	SCL 2400	3.4	60.49	1.93	0.50	
<b><u>Portage Road Collector</u></b>																						
Portage Road	2827	2825	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	0.58	0.07	0.07	0.36	98	200	PVC DR 35	0.4	20.75	0.66	1.73	
Portage Road	2825	2823	11	26.4	43.2	4.33	0.74	0.00	0.00	0.00	0.84	0.10	0.17	0.91	191	200	PVC DR 35	0.4	20.75	0.66	4.37	
Portage Road	2823	2822	0	0	189.6	4.16	3.10	0.00	0.00	0.00	0.00	0.00	0.86	3.96	14	200	SCL 2400	0.4	20.75	0.66	19.09	
Portage Road	2822	2821	5	12	201.6	4.15	3.29	0.00	0.00	0.00	0.47	0.06	0.92	4.21	55	200	SCL 2400	0.4	20.75	0.66	20.27	
Portage Road	2821	2820	7	16.8	249.6	4.11	4.04	0.00	0.00	0.00	0.60	0.07	1.10	5.14	88	200	SCL 2400	0.4	20.75	0.66	24.78	
Portage Road	2820	2819	0	0	424.8	4.01	6.70	0.00	0.00	0.00	0.00	0.00	1.82	8.52	11	200	SCL 2400	0.4	20.75	0.66	41.06	
Portage Road	2819	2817	5	12	523.2	3.96	8.16	0.00	0.00	0.00	0.33	0.04	2.09	10.25	120	200	SCL 2400	0.4	20.75	0.66	49.42	
Portage Road	2817	2816	0	0	523.2	3.96	8.16	0.00	0.00	0.00	0.00	0.00	2.09	10.25	26	200	SCL 2400	0.4	20.75	0.66	49.42	
Portage Road	2816	2815	0	0	523.2	3.96	8.16	0.00	0.00	0.00	0.00	0.00	2.09	10.25	17	200	SCL 2400	0.77	28.79	0.92	35.62	
Portage Road	2815	2814	0	0	523.2	3.96	8.16	0.00	0.00	0.00	0.00	0.00	2.09	10.25	13	200	SCL 2400	0.4	20.75	0.66	49.42	
Portage to Cord 51	2814	2813	0	0	523.2	3.96	8.16	0.00	0.00	0.00	0.00	0.00	2.09	10.56	67	200	SCL 2400	0.4	20.75	0.66	50.87	
Portage to Cord 51	2813	2812	5	12	535.2	3.96	8.34	0.00	0.00	0.00	0.00	0.00	2.09	10.73	65	200	SCL 2400	0.4	20.75	0.66	51.72	
Portage to Cord 51	2812	2811	6	14.4	549.6	3.95	8.55	0.00	0.00	0.00	0.00	0.00	2.09	10.94	42	200	SCL 2400	0.4	20.75	0.66	52.74	
Portage to Cord 51	2811	2810	101	242.4	792	3.86	12.04	0.00	0.87	0.30	6.14	0.74	2.83	15.17	94	200	SCL 2400	0.63	26.04	0.83	58.26	
Portage to Cord 51	2810	2809	0	0	792	3.86	12.04	0.00	0.87	0.30	0.00	0.00	2.83	15.17	35	200	SCL 2400	0.4	20.75	0.66	73.12	
Portage to Cord 51	2809	2808	0	0	792	3.86	12.04	0.00	0.87	0.30	0.00	0.00	2.83	15.17	90	200	SCL 2400	0.4	20.75	0.66	73.12	
<b><u>Daniel Drive System</u></b>																						
Daniel Drive	2874	2873	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	0.43	0.05	0.05	0.34	70	200	PVC DR 35	0.4	20.75	0.66	1.65	Start
Daniel Drive	2873	2871	12	28.8	45.6	4.32	0.78	0.00	0.00	0.00	0.61	0.07	0.12	0.90	151	200	PVC DR 35	0.4	20.75	0.66	4.34	
Wilson Drive	2878	2871	15	36	36	4.34	0.62	0.00	0.00	0.00	0.77	0.09	0.09	0.71		200	PVC DR 35	0.4	20.75	0.66	3.41	
Wilson Drive	2871	2819	2	4.8	86.4	4.26	1.45	0.00	0.00	0.00	0.16	0.02	0.24	1.68		250	PVC DR 35	0.4	37.62	0.77	4.48	
<b><u>Lisa Crescent System</u></b>																						
Lisa Crescent	2886	2885	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	1.21	0.15	0.15	0.60	76	200	AC 2400	0.4	20.75	0.66	2.88	
<b><u>Hilda Street System</u></b>																						
Hilda Street	2885	2882	17	40.8	67.2	4.29	1.13	0.00	0.00	0.00	1.83	0.22	0.36	1.50	246	200	AC 2400	0.4	20.75	0.66	7.22	
<b><u>Scott Avenue Collector</u></b>																						
Scott Avenue	2882	2881	4	9.6	76.8	4.27	1.29	0.00	0.00	0.00	0.31	0.04	0.40	1.69	95	200	AC 2400	0.4	20.75	0.66	8.16	
Scott Avenue	2881	2823	4	9.6	146.4	4.19	2.42	0.00	0.00	0.00	0.31	0.04	0.69	3.11	86	200	AC 2400	0.4	20.75	0.66	14.97	
<b><u>Lisa Crescent System</u></b>																						
Lisa Crescent	2893	2891	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	1.02	0.12	0.12	0.58	152	200	AC 2400	0.4	20.75	0.66	2.77	
Lisa Crescent	2890	2881	14	33.6	60	4.30	1.01	0.00	0.00	0.00	1.07	0.13	0.25	1.27	164	200	AC 2400	0.4	20.75	0.66	6.10	
<b><u>Audrey Street System</u></b>																						
Audrey Street	2861	2860	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	0.96	0.12	0.12	0.65	82	200	SCL 2400	0.4	20.75	0.66	3.13	
Audrey Street	2860	2821	0	0	31.2	4.35	0.53	0.00	0.00	0.00	0.00	0.00	0.12	0.65	85	200	SCL 2400	0.4	20.75	0.66	3.13	
<b><u>Russell Street System</u></b>																						
Sammy Drive	3132	3131	5	12	12	4.41	0.21	0.00	0.00	0.00	0.33	0.04	0.04	0.25	70	200	AC Sewer	0.4	20.75	0.66	1.19	
Russell Street	3131	3130	10	24	36	4.34	0.62	0.00	0.00	0.00	0.64	0.08	0.12	0.73	90	200	AC Sewer	0.4	20.75	0.66	3.53	
Russell Street	3130	3103	0	0	36	4.34	0.62	0.00	0.00	0.00	0.00	0.00	0.12	0.73	30	200	AC Sewer	0.4	20.75	0.66	3.53	
<b><u>Audrey Street System</u></b>																						
Audrey Street	3103	3102	4	9.6	76.8	4.27	1.29	0.00	0.00	0.00	0.33	0.04	0.30	1.59	90	200	SCL 2400	0.5	23.20	0.74	6.87	
<b><u>Audrey Street Collector</u></b>																						
Hilda Street	3102	3101	7	16.8	93.6	4.25	1.57	0.00	0.00	0.00	0.63	0.08	0.38	1.94	74	200	SCL 2400	0.4	20.75	0.66	9.37	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS			PIPE DESIGN		% OF UTILIZATION	REMARKS	
			Res. units by section	Pop. per section							Individual Q(i) (L/s)	Cumulative (L/s)			Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)				
<b>Florence Street Collector</b>																						
Florence Street	3101	3100	0	0	132	4.21	2.19	0.00	0.00	0.00	0.00	0.54	2.72	117	200	SCL 2400	0.4	20.75	0.66	13.13		
Florence Street	3100	2820	4	9.6	175.2	4.17	2.87	0.00	0.00	0.00	0.32	0.04	0.71	3.59	86	200	SCL 2400	0.4	20.75	0.66	17.28	
<b>Russell Street System</b>																						
Russell Street	3105	3103	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	1.22	0.15	0.15	0.68	60	200	SCL 2400	0.4	20.75	0.66	3.28	
<b>Hilda Street System</b>																						
Hilda Street	3121	3101	16	38.4	38.4	4.34	0.66	0.00	0.00	0.00	1.34	0.16	0.16	0.82	174	200	SCL 2400	0.4	20.75	0.66	3.93	
<b>Craig Place System</b>																						
Craig Place	3111	3100	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.12	0.13	0.13	0.71	138	200	AC 2400	0.4	20.75	0.66	3.42	
<b>Edith Street Collector</b>																						
Edith Street	1048	1047	0	0	909.6	3.83	13.70	0.00	0.00	0.00	0.00	0.00	3.38	17.08	88	300	SCL 2400	0.3	52.98	0.75	32.23	
Edith Street	1047	1046	0	0	940.8	3.82	14.13	0.00	0.93	0.32	0.00	0.00	3.52	17.97	13	300	SCL 2400	0.3	52.98	0.75	33.92	
Edith Street	1046	1045	0	0	1154.4	3.76	17.08	0.00	1.53	0.53	0.00	0.00	4.50	22.11	91	300	SCL 2400	0.3	52.98	0.75	41.74	
Edith Street	1045	1044	0	0	1598.4	3.66	23.02	0.00	4.09	1.42	0.00	0.00	6.63	31.07	57	300	SCL 2400	0.3	52.98	0.75	58.64	
Edith to Cord 51	1044	1043	0	0	1598.4	3.66	23.02	0.00	4.09	1.42	0.00	0.00	6.63	31.07	79	300	SCL 2400	0.33	55.56	0.79	55.92	
<b>Selkirk Street Collector</b>																						
Selkirk Street	3323	3320	33	79.2	79.2	4.27	1.33	0.00	0.00	0.00	2.43	0.29	0.29	1.62	289	200	SCL 2400	0.36	19.68	0.63	8.24	
Selkirk Street	3320	3305	0	0	79.2	4.27	1.33	0.00	0.00	0.00	0.00	0.00	0.29	1.62	76	200	SCL 2400	9.04	98.63	3.14	1.64	
Selkirk Street	3305	3304	0	0	427.2	4.01	6.74	0.00	0.00	0.00	0.00	0.00	1.60	8.34	11	200	SCL 2400	2.03	46.74	1.49	17.83	
Selkirk Street	3304	1048	37	88.8	516	3.97	8.06	0.00	0.00	0.00	3.18	0.38	1.98	10.03	179	200	SCL 2400	0.6	25.41	0.81	39.49	
<b>Tangelwood Drive</b>																						
Tangelwood Drive	1054	1058	38	91.2	91.2	4.25	1.53	0.00	0.00	0.00	2.43	0.29	0.29	1.82		200	PVC	0.5	23.20	0.74	7.84	
<b>Edith Street Collector</b>																						
Edith Street	1058	1049	50	120	211.2	4.14	3.44	0.00	0.00	0.00	4.38	0.53	0.82	4.26	57	250	PVC	0.3	32.58	0.66	13.07	includes Phase 3 lands
<b>Brarwood Drive Collector</b>																						
Brarwood Drive	1053	1051	27	64.8	64.8	4.29	1.09	0.00	0.00	0.00	1.51	0.18	0.18	1.28	191	200	PVC ULTRA RIB	0.4	20.75	0.66	6.15	Start
Brarwood Drive	1051	1049	26	62.4	127.2	4.21	2.11	0.00	0.00	0.00	1.19	0.14	0.32	2.43	184	200	PVC ULTRA RIB	1.3	37.40	1.19	6.50	
<b>Edith Street Collector</b>																						
Edith Street	1049	1048	3	7.2	345.6	4.05	5.51	0.00	0.00	0.00	0.38	0.05	1.19	6.70	103	250	PVC ULTRA RIB	0.3	32.58	0.66	20.56	
<b>Russel Street /System</b>																						
Russel Street	3105	3140	17	40.8	40.8	4.33	0.70	0.00	0.00	0.00	1.59	0.19	0.19	0.89	192	200	SCL 2400	0.52	23.66	0.75	3.75	
Selkirk Street	3140	1048	3	7.2	48	4.32	0.82	0.00	0.00	0.00	0.20	0.02	0.21	1.03	101	200	SCL 2400	0.4	20.75	0.66	4.97	
<b>Hemlock Street Collector</b>																						
Hemlock Street	3333	3330	32	76.8	151.2	4.19	2.49	0.00	0.00	0.00	2.42	0.29	0.60	3.09	275	200	CL 2400	0.57	24.77	0.79	12.49	from Woodlands Crescent Collector
Hemlock Street	3330	3306	0	0	151.2	4.19	2.49	0.00	0.00	0.00	0.00	0.00	0.60	3.09	89	200	CL 2400	3.63	62.50	1.99	4.95	
<b>Woodland Crescent System</b>																						
Woodland Crescent	3306	3305	0	0	348	4.05	5.55	0.00	0.00	0.00	0.00	0.00	1.31	6.85	91	200	CL 2400	2.05	46.97	1.50	14.59	Branch Collector Hemlock Street
<b>Spruce Street Collector</b>																						
Spruce Street	3350	3334	22	52.8	52.8	4.31	0.90	0.00	0.00	0.00	1.62	0.19	0.19	1.09	237	200	CL 2400	0.59	25.20	0.80	4.33	
<b>Woodland Crescent System</b>																						
Woodland Crescent	3334	3333	9	21.6	74.4	4.28	1.25	0.00	0.00	0.00	0.97	0.12	0.31	1.56	90	200	CL 2400	1.03	33.29	1.06	4.69	Branch Collector from Spruce St.
Woodland Crescent	3307	3306	7	16.8	196.8	4.15	3.21	0.00	0.00	0.00	0.22	0.03	0.70	3.92	90	200	CL 2400	3.72	63.27	2.01	6.19	Branch Collector from Spruce St.
<b>Spruce Street System</b>																						
Spruce Street	3350	3307	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	0.54	0.06	0.06	0.40	92	200	CL 2400	2.67	53.60	1.71	0.74	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cumulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS			PIPE DESIGN		PERCENTAGE OF UTILIZATION	REMARKS
			Res. units by section	Pop. per section								Individual Q(i) (L/s)	Cumulative (L/s)			Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)			
<b>Woodlands Crescent Collector</b>																						
Woodlands Crescent	3308	3307	2	4.8	160.8	4.18	2.65	0.00	0.00	0.00	0.22	0.03	0.61	3.26	90	200	CL 2400	0.4	20.75	0.66	15.71	Branch Collector from Oak St.
<b>Oak Street System</b>																						
Oak Avenue	3372	3308	28	67.2	67.2	4.29	1.13	0.00	0.00	0.00	2.02	0.24	0.24	1.38	329	200	PVC SDR 35	0.5	23.20	0.74	5.93	
<b>Woodlands Crescent Collector</b>																						
Woodlands Crescent	3313	3309	36	86.4	86.4	4.26	1.45	0.00	0.00	0.00	2.77	0.33	0.33	1.78	337	200	PVC SDR 35	0.4	20.75	0.66	8.58	
Woodland Crescent	3309	3308	1	2.4	88.8	4.26	1.49	0.00	0.00	0.00	0.10	0.01	0.34	1.83	84	200	PVC SDR 35	0.4	20.75	0.66	8.83	
<b>Murphy Road System</b>																						
Murphy Road	3411	3409	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	1.90	0.23	0.23	0.72	88	200	SCL 2400	0.4	20.75	0.66	3.48	
<b>Doran Road Collector</b>																						
Doran Road	3161	1046	2	4.8	4.8	4.44	0.08	0.60	0.60	0.21	0.15	0.02	0.02	0.31	86	200	SCL 2400	0.4	20.75	0.66	1.50	
Doran Road	3409	3406	36	86.4	115.2	4.23	1.92	0.00	0.00	0.00	2.93	0.35	0.58	2.50	264	200	SCL 2400	0.4	20.75	0.66	12.03	
Doran Road	3406	3405	0	0	115.2	4.23	1.92	0.00	0.00	0.00	0.00	0.00	0.58	2.50	124	200	SCL 2400	6.28	82.21	2.62	3.04	
Doran Road	3405	3404	0	0	115.2	4.23	1.92	0.00	0.00	0.00	0.00	0.00	0.58	2.50	14	200	SCL 2400	0.4	20.75	0.66	12.03	
Doran Road	3404	3401	23	55.2	170.4	4.17	2.80	0.00	0.00	0.00	2.08	0.25	0.83	3.63	269	200	SCL 2400	1.96	45.93	1.46	7.90	
Doran Road	3401	3400	3	7.2	177.6	4.17	2.91	0.00	0.00	0.00	0.20	0.02	0.85	3.77	76	200	SCL 2400	0.89	30.95	0.99	12.17	
Doran Road	3400	1046	13	31.2	208.8	4.14	3.40	0.00	0.00	0.00	0.98	0.12	0.97	4.37	111	200	SCL 2400	0.64	26.24	0.84	16.66	
<b>Hilda Street System</b>																						
Hilda Street	3153	3151	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	0.98	0.12	0.12	0.57	61	200	SCL 2400	0.4	20.75	0.66	2.75	
<b>Doran Road Collector</b>																						
Doran Road	3151	1047	2	4.8	31.2	4.35	0.53	0.93	0.93	0.32	0.15	0.02	0.14	0.99	82	200	SCL 2400	0.37	19.95	0.64	4.98	
<b>Mary Street Collector</b>																						
Mary Street	3227	3226	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	0.78	0.09	0.09	0.38	84	200	SCL 2400	0.4	20.75	0.66	1.85	to Edith Street Collector
Mary Street	3226	3223	22	52.8	69.6	4.28	1.17	0.00	0.00	0.00	1.77	0.21	0.31	1.48	86	200	SCL 2400	2.04	46.86	1.49	3.16	Start
Mary Street	3223	3221	19	45.6	115.2	4.23	1.92	0.00	0.00	0.00	1.57	0.19	0.49	2.41	85	200	SCL 2400	0.96	32.14	1.02	7.50	
Mary Street	3221	3200	10	24	139.2	4.20	2.30	0.00	0.00	0.00	0.75	0.09	0.58	2.89	82	200	SCL 2400	0.95	31.97	1.02	9.03	
Mary Street	3200	1045	10	24	436.8	4.00	6.88	0.00	2.56	0.89	0.75	0.09	2.09	9.86	131	200	SCL 2400	0.6	25.41	0.81	38.81	Branch Collector Laura Street
Mary Street	3260	1045	3	7.2	7.2	4.43	0.13	0.00	0.00	0.00	0.28	0.03	0.03	0.16	50	200	SCL 2400	0.4	20.75	0.66	0.77	Start
<b>Laura Street Collector</b>																						
Laura Street	3201	3200	0	0	273.6	4.10	4.41	0.00	2.56	0.89	1.28	0.15	1.42	6.72	78	200	SCL 2400	0.4	20.75	0.66	32.37	Murry Street Collector Branch Collector John Street
<b>John Street Collector</b>																						
John Street	3203	3201	12	28.8	259.2	4.10	4.19	0.00	2.56	0.89	0.77	0.09	1.18	6.25	68	200	SCL 2400	0.48	22.73	0.72	27.51	to Laura Street Collector
<b>Norman Street System</b>																						
Norman Street	3270	3204	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	0.47	0.06	0.06	0.55	105	200	SCL 2400	0.4	20.75	0.66	2.65	to John Street Collector
Norman Street	3204	3203	0	0	230.4	4.13	3.74	0.00	2.56	0.89	0.00	0.00	1.08	5.71	28	200	SCL 2400	0.4	20.75	0.66	27.54	Start Branch Collector John Street
<b>John Street Collector</b>																						
John Street	3252	3209	18	43.2	43.2	4.33	0.74	0.00	0.00	0.00	2.12	0.25	0.25	0.99	68	200	SCL 2400	1.08	34.09	1.09	2.90	to Laura Street Collector
John Street	3209	3206	17	40.8	136.8	4.20	2.26	0.00	0.00	0.00	1.69	0.20	0.75	3.01	93	200	SCL 2400	1.1	34.41	1.10	8.76	
John Street	3206	3204	17	40.8	201.6	4.15	3.29	0.00	2.56	0.89	1.56	0.19	1.03	5.21	83	200	SCL 2400	0.4	20.75	0.66	25.10	
John Street	3230	3201	6	14.4	14.4	4.40	0.25	0.00	0.00	0.00	0.72	0.09	0.09	0.34	80	200	SCL 2400	0.4	20.75	0.66	1.62	Start
<b>Herman Street System</b>																						
Herman Street	3241	3240	9	21.6	21.6	4.38	0.37	2.56	2.56	0.89	0.70	0.08	0.08	1.34	65	200	SCL 2400	0.4	20.75	0.66	6.48	to John Street Collector
Herman Street	3240	3206	1	2.4	24	4.37	0.41	0.00	2.56	0.89	0.06	0.01	0.09	1.39	88	200	SCL 2400	0.4	20.75	0.66	6.71	Start
<b>Roy Street System</b>																						
Roy Street	3212	3211	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	1.28	0.15	0.15	0.69	111	200	ACCL 2400	2.9	55.87	1.78	1.23	to John Street Collector
Roy Street	3211	3210	6	14.4	45.6	4.32	0.78	0.00	0.00	0.00	0.76	0.09	0.24	1.02	84	200	ACCL 2400	0.4	20.75	0.66	4.92	Start
Roy Street	3210	3209	3	7.2	52.8	4.31	0.90	0.00	0.00	0.00	0.40	0.05	0.29	1.19	82	200	ACCL 2400	0.4	20.75	0.66	5.73	



**APPENDIX H**

**SANITARY SEWER MODEL**

**ALL LANDS.WITHIN CURRENT OFFICIAL PLAN**

TOWN OF PETAWAWA SANITARY SEWERS  
CALCULATIONS FOR THE EXISTING SYSTEM

PROJECT NO: 2115331A  
Date: Nov. 2011  
FILE:P:\Docs\211\2115331A\Sanitary Background Information\Petawawa Sanitary System - 2011 Update

**Scenario 3 - Existing Conditions + all draft approved developments + all lands in current OP**

INCLUDES - LIMESTONE 3 & 4 & Commercial	Petawawa Town Center - Towns & Commercial	Edmond - Portage Road
HIGHLAND - 3B 4, & 5	Highland Park - 4B & 5	Radlike lands
BRIARWOOD PHASE 3	Laurentian Highlands 2A, 2B & 2C	Town - Russell St. extension
THE FOREST - PHASE 3 & 4	Hoffman Victoria Street	
VEREYKEN	2 Schools	
<b>LAURENTIAN HIGHLANDS - Phases 1A &amp; 1B</b>		

Where:  $q$  = Average daily per capita flow (L/capita/d)  
 $I$  = Unit of peak extraneous flow (L/ha/s)  
 $M$  = Peaking factor  
 $Q(p)$  = Peak population flow (L/s)  
 $Q(i)$  = Peak extraneous flow (L/s)

Formulas:  $Q(d) = Q(p) + \text{peak ext. cum. flow (L/s)}$   
 $Q(i) = I \times \text{pipe size (pipe length/1000)(L/s)}$   
 $Q(p) = \text{cum. pop} \times q \text{ (M} \times 86400 \text{)(L/s)}$   
 $Q(d) = Q(p) + \text{peak ext. cum. flow (L/s)}$   
 $M = 1 + 14 / (\text{SQRT(cum. pop}/1000) + 4)$

$Q(d)$  = Peak design flow

Values:  $q$  = 340 L/c/d  
Persons/unit = 2.4  
 $I$  = 0.12 L/s/ha  
ICI Peaking Factor = 3  
ICI Flow Rate = 10000 L/ha/day  
 $\text{Peak design flow} = 0.1157407$  L/s/ha

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	Res. units by section	POPULATION Pop. per section	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Res. Area (ha.)	EXTRANEUS FLOWS Individual Q(i) (L/s)	Cumulative (L/s)	PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)	PERCENTAGE OF UTILIZATION	REMARKS	
<b>Victoria Street Trunk</b>																						
Victoria Street	2607	2606	0	0	0	4.50	0.00	0.22	0.22	0.08	0.00	0.00	0.00	81	200	SCL 2400	0.4	20.75	0.66	0.37	Start	
Victoria Street	2606	2605	4	9.6	9.6	4.42	0.17	0.59	0.81	0.28	0.45	0.05	0.05	77	200	SCL 2400	0.4	20.75	0.66	2.42		
Victoria Street	2605	2604	0	0	48	4.32	0.82	0.00	1.07	0.37	0.00	0.00	0.20	1.39	37	200	SCL 2400	0.4	20.75	0.66	6.68	Branch Collector Willard Street
Victoria Street	2604	2601	14	33.6	81.6	4.27	1.37	0.00	1.07	0.37	1.13	0.14	0.33	2.08	221	200	SCL 2400	0.4	20.75	0.66	10.01	Includes Hoffman Subdivision
Victoria Street	2601	1032	0	0	115.2	4.23	1.92	0.00	1.07	0.37	1.00	0.00	0.47	2.76	141	200	SCL 3300	0.4	20.75	0.66	13.30	Branch Collector Ethel Street
<b>Victoria Street Trunk</b>																						
Victoria Street	1032	1031	3	7.2	4135.2	3.32	54.03	1.00	23.75	8.25	0.60	0.07	17.09	79.37	53	400	SCL 4000	0.16	83.32	0.66	95.26	Branch Collector Violet Street
Victoria Street	1031	1030	0	0	4135.2	3.32	54.03	0.36	24.11	8.37	0.00	0.00	17.09	79.49	107	400	SCL 5000	0.16	83.32	0.66	95.41	
Victoria Street	1030	1029	0	0	4135.2	3.32	54.03	0.39	24.50	8.51	0.00	0.00	17.09	79.63	79	400	SCL 5000	0.16	83.32	0.66	95.57	
Victoria Street	1029	1028	0	0	4135.2	3.32	54.03	0.00	24.50	8.51	0.00	0.00	17.09	79.63	37	400	SCL 5000	0.16	83.32	0.66	95.57	
Victoria Street	1028	1027	0	0	7356	3.09	89.32	0.00	33.95	11.79	0.00	0.00	27.07	128.19	94	300	AC Sewer	1.11	101.90	1.44	125.59	Branch Collector Wolfe Avenue
Victoria Street	1027	1026	0	0	7356	3.09	89.32	0.00	33.95	11.79	0.00	0.00	27.07	128.19	48	300	AC Sewer	3.83	189.29	2.68	67.72	
Victoria Street	1026	1025	0	0	7356	3.09	89.32	0.00	33.95	11.79	0.00	0.00	27.07	128.19	61	300	AC Sewer	4.01	193.69	2.74	66.18	
Victoria Street	1025	1024	0	0	7356	3.09	89.32	0.00	33.95	11.79	0.00	0.00	27.07	128.19	51	450	AC Sewer	2.45	446.37	2.81	28.72	Branch Collector Vermont Meadows
Victoria Street	1024	1023	68	163.2	7519.2	3.08	91.03	0.00	33.95	11.79	2.50	0.30	27.37	130.19	19	450	AC Sewer	2.45	446.37	2.81	29.17	Branch Collector Armstrong Road
Victoria Street	1023	1022	2	4.8	7540.8	3.08	91.26	0.00	33.95	11.79	0.64	0.08	27.64	130.69	16	450	AC Sewer	2.43	444.54	2.80	29.40	
Victoria Street	1022	1021	0	0	7540.8	3.08	91.26	0.00	33.95	11.79	0.00	0.00	27.64	130.69	54	300	AC Sewer	3.9	191.01	2.70	68.42	
Victoria Street	1021	1020	6	14.4	7555.2	3.07	91.41	0.00	33.95	11.79	1.24	0.15	27.79	130.98	63	300	AC Sewer	4.03	194.17	2.75	67.46	
Victoria Street	1020	1019	8	19.2	7636.8	3.07	92.26	0.00	33.95	11.79	1.25	0.15	28.61	132.66	114	300	AC Sewer	1.17	104.62	1.48	126.80	
Victoria Street	1019	1018	3	7.2	7644	3.07	92.33	0.00	33.95	11.79	0.34	0.04	28.65	132.78	66	450	AC Sewer	0.125	100.82	0.63	131.69	Branch Collector Armstrong Road
Victoria Street	1018	1017	4	9.6	7653.6	3.07	92.43	0.00	33.95	11.79	0.47	0.06	28.71	132.93	89	450	AC Sewer	0.125	100.82	0.63	131.85	
Victoria Street	1017	1016	6	14.4	7668	3.07	92.58	0.00	33.95	11.79	0.57	0.07	28.78	133.15	57	450	AC Sewer	0.22	133.76	0.84	99.55	
Victoria Street	1016	1015	9	21.6	7689.6	3.07	92.81	0.00	33.95	11.79	0.68	0.08	28.86	133.46	119	525	PVC DR35	0.125	152.09	0.70	87.75	
Victoria Street	1015	1014	7	16.8	7706.4	3.07	92.98	0.00	33.95	11.79	0.85	0.10	28.96	133.73	50	450	AC Sewer	0.125	100.82	0.63	132.64	
Victoria Street	1014	1013	1	2.4	7744.8	3.06	93.38	0.00	33.95	11.79	0.42	0.05	29.58	134.75	68	450	AC Sewer	0.125	100.82	0.63	133.64	Branch Collector Armstrong Road
Victoria Street	1013	1012	4	9.6	7754.4	3.06	93.48	0.00	33.95	11.79	0.42	0.05	29.63	134.90	84	450	AC Sewer	0.125	100.82	0.63	133.79	
Victoria Street	1012	1011	3	7.2	7761.6	3.06	93.56	0.00	33.95	11.79	0.80	0.10	29.72	135.07	101	525	PVC DR35	0.125	152.09	0.70	88.81	
Victoria Street	1011	1010	0	0	11896.8	2.88	134.80	0.00	183.95	63.87	0.00	0.00	42.92	241.60	106	675	RCPipe(C76)	0.125	297.27	0.83	81.27	Branch Collector North Townsite
Victoria Street	1010	1009	0	0	11896.8	2.88	134.80	0.00	183.95	63.87	0.00	0.00	42.92	241.60	12	675	RCPipe(C76)	0.125	297.27	0.83	81.27	
Victoria Street	1009	1008	6	14.4	13658.4	2.82	151.53	0.00	231.6	80.42	1.03	0.12	49.76	281.70	109	675	RCPipe(C76)	0.09	252.24	0.70	111.68	Branch Collector Laurentian Drive
Victoria Street	1008	1007	1	2.4	13660.8	2.82	151.55	0.00	231.60	80.42	0.23	0.03	49.78	281.75	123	675	RCPipe(C76)	0.09	252.24	0.70	111.70	
Victoria Street	1007	1006	1	2.4	13920	2.81	153.97	0.00	231.6	80.42	0.13	0.02	51.23	285.62	91	675	RCPipe(C76)	0.09	252.24	0.70	113.23	Branch Collector East Street
Victoria Street	1006	1005	0	0	13920	2.81	153.97	0.00	231.60	80.42	0.00	0.00	51.23	285.62	49	675	RCPipe(C76)	0.09	252.24	0.70	113.23	
Victoria Street	1005	1004	0	0	13920	2.81	153.97	0.00	231.60	80.42	0.00	0.00	51.23	285.62	84	675	RCPipe(C76)	0.09	252.24	0.70	113.23	
Victoria Street	1004	1003	0	0	14133.6	2.80	155.97	0.00	231.6	80.42	0.00	0.00	52.33	288.72	52	675	RCPipe(C76)	0.09	252.24	0.70	114.46	Branch Collector Jan Drive
Victoria Street	1003	1002	0	0	14133.6	2.80	155.97	0.00	231.60	80.42	0.00	0.00	52.33	288.72	69	675	RCPipe(C76)	0.09	252.24	0.70	114.46	
Victoria Street	1002	1001	0	0	14133.6	2.80	155.97	0.00	231.60	80.42	0.00	0.00	52.33	288.72	34	675	RCPipe(C76)	0.09	252.24	0.70	114.46	
Victoria Street	1001	1000	0	0	14133.6	2.80	155.97	0.00	231.60	80.42	0.00	0.00	52.33	288.72	83	675	RCPipe(C76)	0.09	252.24	0.70	114.46	Sewage Plant (start)
<b>Laurentian Drive Collector</b>																						
Renfrew St. PS	2205	2204	0	0	1747.2	3.63	24.96	0.00	47.65	16.55	0.00	0.00	6.71	48.22								
Laurentian Drive	2204	2203	0	0	1747.2	3.63	24.96	0.00	47.65	16.55	0.00	0.00	6.71	48.22	1718	200	PVC Class 150	0.09	60.00	1.91	80.36	Forcemain
Laurentian Drive	2203	2202	0	0	1747.2	3.63	24.96	0.00	47.65	16.55	0.00	0.00	6.71	48.22	110	200	PVC DR35	6.32	82.47	2.63	58.47	
Laurentian Drive	2202	2201	0	0	1747.2	3.63	24.96	0.00	47.65	16.55	0.00	0.00	6.71	48.22	110	200	PVC DR35	8	92.79	2.95	51.97	
Laurentian Drive	2201	2200	0	0	1747.2	3.63	24.96	0.00	47.65	16.55	0.00	0.00	6.71	48.22	113	200	PVC DR35	7.5	89.84	2.86	53.67	
Laurentian Drive	2200	1009	0	0	1747.2	3.63	24.96	0.00	47.65	16.55	0.00	0.00	6.71	48.22	55	200	PVC DR35	3.25	59.14	1.88	81.53	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	Res. units by section	POPULATION Pop. per section	Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cumulative ICI Lands (ha.)	ICI Flows (L/s)	Res. Area (ha.)	EXTRANEOUS FLOWS Individual Q(i) (L/s) Cumulative (L/s)		PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS Size of Pipe (mm) Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)	PERCENTAGE OF UTILIZATION	REMARKS	
<b>Jan Drive System</b>																						
Jan Drive	2105	2104	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	0.60	0.07	0.07	0.40	77	200	San.	0.5	23.20	0.74	1.74	to Edward Street Collector
Jan Drive	2104	2102	14	33.6	52.8	4.31	0.90	0.00	0.00	0.00	0.79	0.09	0.17	1.06	170	200	San.	0.5	23.20	0.74	4.58	Start
<b>Edward Street Collector</b>																						
Edward Street	2160	2102	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	0.51	0.06	0.06	0.35	50	200	San.	0.98	32.48	1.03	1.08	to Victoria Street Trunk
Edward Street	2102	2101	0	0	69.6	4.28	1.17	0.00	0.00	0.00	0.00	0.00	0.228	1.40	80	200	San.	1.9	45.22	1.44	3.10	Branch Collector Jan Drive
Edward Street	2101	2391	0	0	165.6	4.18	2.72	0.00	0.00	0.00	0.00	0.00	0.81	3.53	13	200	San.	0.46	22.25	0.71	15.86	Branch Collector Earl Street
Edward Street	2391	2100	20	48	213.6	4.14	3.48	0.00	0.00	0.00	2.49	0.30	1.11	4.58	13	200	San.	0.46	22.25	0.71	20.60	Branch Collector Bayshore
<b>Earl Street System</b>																						
Earl Street	2172	2171	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.87	0.22	0.22	0.80	118	200	San.	0.4	20.75	0.66	3.85	Start
Earl Street	2171	2101	11	26.4	60	4.30	1.01	0.00	0.00	0.00	1.46	0.18	0.40	1.41	141	200	San.	0.4	20.75	0.66	6.82	
Earl Street	2152	2101	15	36	36	4.34	0.62	0.00	0.00	0.00	1.50	0.18	0.18	0.80	150	200	San.	1.35	38.12	1.21	2.09	
<b>Edward Street Collector</b>																						
Edward Street	2100	1004	0	0	213.6	4.14	3.48	0.00	0.00	0.00	0.00	0.00	1.11	4.58	347	100	160 PVC	0	6.00	0.76	76.40	to Victoria Street Trunk Forcemain
<b>Albert Street Branch</b>																						
Albert Street	2309	2307	17	40.8	40.8	4.33	0.70	0.00	0.00	0.00	2.13	0.26	0.26	0.95	198	200	SCL 2400	0.4	20.75	0.66	4.58	to Alice Street Collector
Albert Street	2307	2306	6	14.4	55.2	4.31	0.94	0.00	0.00	0.00	0.40	0.05	0.30	1.24	122	200	SCL 2400	0.4	20.75	0.66	5.97	Start
Albert Street	2306	2305	3	7.2	62.4	4.29	1.05	0.00	0.00	0.00	0.32	0.04	0.34	1.40	106	200	SCL 2400	0.4	20.75	0.66	6.73	
Albert Street	2380	2305	3	7.2	7.2	4.43	0.13	0.00	0.00	0.00	0.59	0.07	0.07	0.20	61	200	SCL 2400	0.4	20.75	0.66	0.95	Start
<b>Alice Street Collector</b>																						
Alice Street	2305	2304	5	12	81.6	4.27	1.37	0.00	0.00	0.00	0.41	0.05	0.46	1.83	108	200	SCL 3300	0.4	20.75	0.66	8.83	to East Street Collector
Alice Street	2304	2303	11	26.4	108	4.23	1.80	0.00	0.00	0.00	1.26	0.15	0.61	2.41	101	200	SCL 3300	0.4	20.75	0.66	11.63	Branch Collector Albert Street
<b>Point Crescent System</b>																						
Point Crescent	2371	2370	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	0.82	0.10	0.10	0.59	96	200	ACCL 2400	0.4	20.75	0.66	2.85	to East Street Collector
Point Crescent	2370	2351	9	21.6	50.4	4.31	0.86	0.00	0.00	0.00	0.74	0.09	0.19	1.04	125	200	ACCL 2400	0.4	20.75	0.66	5.03	Start
<b>Edward Street System</b>																						
Edward Street	2360	2353	9	21.6	21.6	4.38	0.37	0.00	0.00	0.00	1.56	0.19	0.19	0.56	70	200	ACCL 2400	1	32.81	1.04	1.70	to East Street Collector Start
<b>East Street Collector</b>																						
East Street	2390	2353	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	1.09	0.13	0.13	0.46	85	200	SCL 2400	0.4	20.75	0.66	2.23	to Victoria Street Trunk
East Street	2353	2351	7	16.8	57.6	4.30	0.98	0.00	0.00	0.00	0.86	0.10	0.42	1.40	122	200	SCL 2400	0.4	20.75	0.66	6.73	Start
East Street	2351	2303	5	12	120	4.22	1.99	0.00	0.00	0.00	0.68	0.08	0.69	2.68	112	200	SCL 2400	0.4	20.75	0.66	12.93	Branch Collector Edward Street
East Street	2303	2302	2	4.8	232.8	4.12	3.78	0.00	0.00	0.00	0.15	0.02	1.32	5.10	21	200	SCL 3300	0.4	20.75	0.66	24.57	Branch Collector Alice Street
East Street	2302	2301	0	0	232.8	4.12	3.78	0.00	0.00	0.00	0.00	0.00	1.32	5.10	19	200	SCL 3300	0.4	20.75	0.66	24.57	
East Street	2301	2300	0	0	232.8	4.12	3.78	0.00	0.00	0.00	0.00	0.00	1.32	5.10	381	100	CL 380	0.16	5.68	0.72	89.80	Forcemain
East Street	2300	1007	10	24	256.8	4.11	4.15	0.00	0.00	0.00	0.90	0.11	1.43	5.58	119	200	SCL 2400	0.4	20.75	0.66	26.89	
<b>North Townsite</b>																						
Northern Interceptor	Pet.River	9000	1723	4135.2	4135.2	3.32	54.03	150.00	150.00	52.08	110.00	13.20	13.20	119.31	47	610	AC Class II	0.1	202.97	0.69	58.79	to Victoria Street Trunk
Northern Interceptor	9000	1011	0	0	4135.2	3.32	54.03	0.00	150.00	52.08	0.00	0.00	13.20	119.31	84	610	AC Class II	0.1	202.97	0.69	58.79	(Start) North CFB Branch Collector Alfred Street
<b>Armstrong Road Collector</b>																						
Armstrong Road	2406	2402	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	3.60	0.43	0.43	0.89	171	200	SCL 2400	0.43	21.51	0.68	4.12	to Victoria Street Trunk
Armstrong Road	2402	1014	4	9.6	36	4.34	0.62	0.00	0.00	0.00	1.08	0.13	0.56	1.18	109	200	SCL 2400	7.23	88.21	2.18	1.33	Start
Armstrong Road	2462	2461	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	1.99	0.24	0.24	0.53	33	200	SCL 2400	0.32	18.56	0.59	2.85	Start
Armstrong Road	2461	2452	10	24	40.8	4.33	0.70	0.00	0.00	0.00	2.13	0.26	0.49	1.19	189	200	SCL 2400	0.28	17.36	0.55	6.85	
Armstrong Road	2455	2452	9	21.6	21.6	4.38	0.37	0.00	0.00	0.00	1.51	0.18	0.18	0.55	144	200	SCL 2400	0.25	16.40	0.52	3.37	Start
Armstrong Road	2452	1019	0	0	62.4	4.29	1.05	0.00	0.00	0.00	0.00	0.00	0.68	1.73	152	200	SCL 2400	7.2	88.03	2.80	1.97	Branch Collector Easement
Armstrong Road	2470	1023	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	1.57	0.19	0.19	0.48	94	200	SCL 2400	0.39	20.49	0.65	2.34	Start
<b>Wolfe Avenue Collector</b>																						
South Townsite	to 8001	757	1816.8	1816.8	3.62	25.87	0.00	0.00	0.00	0.00	35.00	4.20	4.20	30.07								Population based on MPAC data
Wolfe Avenue	8001	8000	0	0	1816.8	3.62	25.87	0.00	0.00	0.00	1.80	0.22	4.42	30.28	104	300	AC Sewer	0.5	68.39	0.97	44.28	Branch Collector
Wolfe Avenue	8000	1028	0	0	1816.8	3.62	25.87	2.80	2.80	0.97	0.00	0.00	4.42	31.25	113	300	AC Sewer	0.25	48.36	0.68	64.63	apartment buildings
<b>Violet Street Trunk</b>																						
Violet Street	1036	1035	6	14.4	3914.4	3.34	51.48	0.00	18.57	6.45	0.42	0.05	16.09	74.01	94	400	SCL 5000	0.16	83.32	0.66	88.83	
Violet Street	1035	1032	11	26.4	4012.8	3.33	52.62	0.00	21.68	7.53	1.13	0.14	16.55	76.69	203	400	SCL 5000	0.16	83.32	0.66	92.04	Branch Collector Mohs Avenue

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cumulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	PIPE SPECIFICATIONS				PIPE DESIGN		PERCENTAGE OF UTILIZATION	REMARKS
			Res. units by section	Pop. per section								Individual Q(i) (L/s)	Cumulative (L/s)		Length of Pipe (m)	Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)		
<b>Vereyken Crescent Collector</b>																						
Vereyken Crescent	3527	3526	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	0.58	0.07	0.07	0.40	65	200	PVC DR 35	0.4	20.75	0.66	1.93	to Wilbert Street Collector
Vereyken Crescent	3526	3525	32	76.8	96	4.25	1.60	0.00	0.00	0.00	0.58	0.07	0.14	1.74	38	200	PVC DR 35	0.4	20.75	0.66	8.41	Start
Vereyken Crescent	3525	3522	38	91.2	187.2	4.16	3.06	1.66	1.66	0.58	0.86	0.10	0.24	3.88	187	200	PVC DR 35	0.4	20.75	0.66	18.71	
Vereyken Crescent	3522	3521	23	55.2	242.4	4.12	3.93	0.00	1.66	0.58	0.57	0.07	0.31	4.81	31	300	SCL 3300	0.06	23.69	0.34	20.32	
Vereyken Crescent	3521	3507	8	19.2	328.8	4.06	5.25	0.00	1.66	0.58	0.52	0.06	0.60	6.43	99	300	SCL 3300	0.25	48.36	0.68	13.30	
Vereyken Crescent	3527	3531	6	14.4	14.4	4.40	0.25	0.00	0.00	0.00	0.50	0.06	0.06	0.31	126	200	PVC DR 35	0.4	20.75	0.66	1.49	Start
Vereyken Crescent	3533	3531	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	0.76	0.09	0.09	0.63	94	200	PVC DR 35	0.4	20.75	0.66	3.01	Start
Vereyken Crescent	3531	3530	9	21.6	67.2	4.29	1.13	0.00	0.00	0.00	0.64	0.08	0.23	1.36	90	200	PVC DR 35	0.4	20.75	0.66	6.56	Branch Collector Vereyken Crescent
Vereyken Crescent	3530	3521	0	0	67.2	4.29	1.13	0.00	0.00	0.00	0.00	0.00	0.23	1.36	40	200	PVC DR 35	0.4	20.75	0.66	6.56	
<b>Wilbert Street Collector</b>																						
Wilbert Street	3507	3505	9	21.6	1348.8	3.71	19.70	0.00	4.77	1.66	0.84	0.10	5.39	26.75	100	300	SCL 3300	0.25	48.36	0.68	55.31	to Violet Street Trunk
Wilbert Street	3505	3503	9	21.6	1370.4	3.71	19.99	0.00	4.77	1.66	0.95	0.11	5.50	27.15	139	300	SCL 4000	0.25	48.36	0.68	56.15	Branch Collector Dundonald Drive
Wilbert to Violet St	3503	1037	0	0	1370.4	3.71	19.99	0.00	4.77	1.66	0.00	0.00	5.50	27.15	309	300	SCL 4000	0.25	48.36	0.68	56.15	
Wilbert to Violet St	1037	1036	0	0	3900	3.34	51.31	0.00	18.57	6.45	0.00	0.00	16.04	73.80	69	400	SCL 5000	0.16	83.32	0.66	88.57	Branch Collector Maple Avenue
<b>Dundonald Drive Collector</b>																						
Herman to Cord 51	3510	3509	0	0	998.4	3.80	14.93	0.00	0.00	0.00	0.00	0.00	4.69	19.62	47	200	ACCL 3300	0.82	29.71	0.95	66.04	to Wilbert Street Collector
Cord 51 Cord 51	3509	3508	0	0	998.4	3.80	14.93	0.00	0.00	0.00	0.00	0.00	4.69	19.62	23	200	PVC SDR 35	2	46.39	1.48	42.29	Branch Collector Herman Street
Dundonald to Wilbert	3508	3507	0	0	998.4	3.80	14.93	0.00	3.11	1.08	0.00	0.00	4.69	20.70	95.2	250	PVC SDR 35	0.28	31.47	0.64	65.76	to Dundonald Drive Collector
<b>Herman Street System</b>																						
Eastway -Phase 1&2A Murphy Road	ext.	4000	212 95	508.8 228	508.8 736.8	3.97 3.88	7.95 11.25	0.00 0.00	0.00 0.00	0.00 0.00	24.22 5.54	2.91 0.66	2.91 3.57	10.86 14.83		200 200	PVC SDR 35 PVC SDR 35	2 0.5	46.39 23.20	1.48 0.74	23.40 63.91	Laurentian Highlands - Phase 1 & 2A Includes flow for The Forest Subdivision (87 lots) and 8 lots along Murphy Road
Herman Street	4000	3542	4	9.6	746.4	3.88	11.39	0.00	0.00	0.00	0.48	0.06	3.63	15.02		200	ACCL 2400	0.4	20.75	0.66	72.39	
Herman Street	3542	3541	5	12	811.2	3.86	12.31	0.00	0.00	0.00	0.48	0.06	3.91	16.22	104	200	ACCL 2400	0.4	20.75	0.66	78.17	Branch Collector Laroche Crescent
Herman Street	3541	3510	25	60	871.2	3.84	13.16	0.00	0.00	0.00	1.94	0.23	4.14	17.30	101	200	ACCL 2400	0.4	20.75	0.66	83.36	
Herman Street	3561	3511	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.13	0.14	0.14	0.71	141	200	ACCL 2400	0.6	25.41	0.81	2.80	Start
Herman Street	3511	3510	0	0	127.2	4.21	2.11	0.00	0.00	0.00	0.00	0.00	0.55	2.66	24	200	ACCL 2400	0.4	20.75	0.66	12.81	Branch Collector Laroche Crescent
<b>Laroche Crescent System</b>																						
Laroche Crescent	3545	3542	22	52.8	52.8	4.31	0.90	0.00	0.00	0.00	1.83	0.22	0.22	1.12	242	200	ACCL 2400	0.4	20.75	0.66	5.37	to Herman Street Collector
Laroche Crescent																						Start
<b>Laroche Crescent Collector</b>																						
Laroche Crescent	3516	3514	15	36	36	4.34	0.62	0.00	0.00	0.00	1.43	0.17	0.17	0.79	122	200	ACCL 2400	2	46.39	1.48	1.70	
Laroche Crescent	3514	3512	7	16.8	52.8	4.31	0.90	0.00	0.00	0.00	0.68	0.08	0.25	1.15	98	200	ACCL 2400	3.4	60.49	1.93	1.90	
Laroche Crescent	3512	3511	0	0	93.6	4.25	1.57	0.00	0.00	0.00	0.00	0.00	0.41	1.98	88	200	ACCL 2400	0.9	31.12	0.99	6.36	
<b>James Street System</b>																						
James Street	3551	3512	17	40.8	40.8	4.33	0.70	0.00	0.00	0.00	1.33	0.16	0.16	0.86	198	200	ACCL 2400	0.4	20.75	0.66	4.12	
<b>County Road 51 System</b>																						
Cord 51	3573	3508	0	0	0	4.50	0.00	1.84	1.84	0.64	0.00	0.00	0.00	0.64		200	SCL 2400	0.4	20.75	0.66	3.08	
Cord 51	3583	3508	0	0	0	4.50	0.00	1.27	1.27	0.44	0.00	0.00	0.00	0.44	293	200	SCL 2400	0.39	20.49	0.65	2.15	
<b>Mohms Avenue Collector</b>																						
Mohms Avenue	2753	1035	8	19.2	19.2	4.38	0.33	0.65	0.65	0.23	1.17	0.14	0.14	0.70	338	200	SCL 2400	0.4	20.75	0.66	3.36	
RRCSS to Mohms Ave.	2770	2703	0	0	52.8	4.31	0.90	1.59	1.59	0.55	0.00	0.00	0.18	1.63	86	200	SCL 2400	0.4	20.75	0.66	7.86	
Mohms Avenue	2704	2703	0	0	0	4.50	0.00	0.87	0.87	0.30	0.00	0.00	0.00	0.30	22	200	SCL 2400	0.4	20.75	0.66	1.46	
Mohms Avenue	2703	2701	7	16.8	16.8	4.39	0.29	0.00	2.46	0.85	0.50	0.06	0.06	1.20	181	200	SCL 2400	0.4	20.75	0.66	5.80	
Mohms Avenue	2701	2700	0	0	16.8	4.39	0.29	0.00	2.46	0.85	0.00	0.00	0.06	1.20	22	200	SCL 2400	0.4	20.75	0.66	5.80	
Mohms Avenue	2700	1035	4	9.6	52.8	4.31	0.90	0.00	2.46	0.85	0.31	0.04	0.18	1.93	94	200	SCL 2400	0.4	20.75	0.66	9.31	
<b>Ethel Street System</b>																						
Ethel Street	2760	2700	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	0.71	0.09	0.09	0.54	74	200	SCL 2400	1.04	33.45	1.06	1.61	



APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEEOUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	PIPE SPECIFICATIONS			PIPE DESIGN		PERCENTAGE OF UTILIZATION	REMARKS		
			Res. units by section	Pop. per section							Individual Q(i) (L/s)	Cummulative (L/s)		Length of Pipe (m)	Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)			
<b>Ethel Street System</b>																						
Ethel Street	2651	2601	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.14	0.14	0.14	0.71	179	200	SCL 2400	0.4	20.75	0.66	3.43	
<b>Willard Street System</b>																						
Willard Street	2671	2605	16	38.4	38.4	4.34	0.66	0.26	0.26	0.09	1.21	0.15	0.15	0.89	185	200	SCL 2400	0.4	20.75	0.66	4.29	
<b>County Road 51 System</b>																						
Cord 51	3032	3003	0	0	0	4.50	0.00	1.17	1.17	0.41	0.00	0.00	0.00	0.41	159	200	SCL 2400	0.39	20.49	0.65	1.98	
<b>County Road 51 Collector</b>																						
Cord 51	3003	3002	0	0	9.6	4.42	0.17	0.00	5.06	1.76	0.00	0.00	0.04	1.97	34	300	SCL 2400	0.1	30.59	0.43	6.43	
Cord 51	3002	3001	0	0	9.6	4.42	0.17	0.00	5.06	1.76	0.00	0.00	0.04	1.97	86	300	SCL 2400	0.3	52.98	0.75	3.71	
Cord 51	3001	3000	0	0	9.6	4.42	0.17	0.00	5.06	1.76	0.00	0.00	0.04	1.97	101	300	SCL 3300	0.22	45.37	0.64	4.34	
Cord 51	3000	1043	0	0	9.6	4.42	0.17	1.40	6.46	2.24	0.00	0.00	0.04	2.45	81	300	SCL 3300	0.27	50.26	0.71	4.88	
<b>Maple Avenue Collector</b>																						
Maple Avenue	1043	1042	0	0	2452.8	3.52	33.93	0.00	11.85	4.11	0.00	0.00	10.05	48.10	54	400	SCL 4000	0.16	83.32	0.66	57.72	
Maple Avenue	1042	1040	11	26.4	2479.2	3.51	34.26	0.00	11.85	4.11	1.10	0.13	10.18	48.56	96	400	SCL 5000	0.16	83.32	0.66	58.27	
Maple Avenue	1040	1039	8	19.2	2498.4	3.51	34.50	0.00	11.85	4.11	0.60	0.07	10.26	48.87	72	400	SCL 5000	0.16	83.32	0.66	58.65	
Maple Avenue	1039	1038	0	0	2527.2	3.50	34.85	0.00	11.85	4.11	0.00	0.00	10.52	49.48	81	400	SCL 5000	0.16	83.32	0.66	59.39	
Maple to Violet St.	1038	1037	1	2.4	2529.6	3.50	34.88	1.95	13.80	4.79	0.16	0.02	10.54	50.21	106	400	SCL 5000	0.16	83.32	0.66	60.26	
<b>Pine Plce System</b>																						
Pine Plce	1060	1039	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	2.18	0.26	0.26	0.76	109	200	ACCL 2400	0.58	24.98	0.80	3.02	
<b>Mohns Avenue System</b>																						
Mohns Avenue	3021	3020	4	9.6	9.6	4.42	0.17	0.00	0.00	0.00	0.36	0.04	0.04	0.21	75	200	SCL 2400	0.4	20.75	0.66	1.01	
Mohns Avenue	3020	3003	0	0	9.6	4.42	0.17	0.69	0.69	0.24	0.00	0.00	0.04	0.45	85	200	SCL 2400	1.6	41.50	1.32	1.08	
<b>Violet Street Trunk</b>																						
Cord 51	3602	3601	0	0	0	4.50	0.00	0.54	0.54	0.19	0.00	0.00	0.00	0.19	129	200	SCL 2400	0.45	22.01	0.70	0.85	
Cord 51	3601	3600	0	0	0	4.50	0.00	0.76	1.30	0.45	0.00	0.00	0.00	0.45	91	200	SCL 2400	0.37	19.95	0.64	2.26	
Cord 51	3600	1043	0	0	0	4.50	0.00	0.00	1.30	0.45	0.00	0.00	0.00	0.45	101	200	SCL 2400	0.43	21.51	0.68	2.10	
<b>Harry Street System</b>																						
Harry Street	2907	2906	5	12	12	4.41	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.21	70	200	PVC	0.91	31.29	1.00	0.66	
<b>Algonquin Street Collector</b>																						
Algonquin Street	2906	2904	12	28.8	40.8	4.33	0.70	0.00	0.00	0.00	0.93	0.11	0.11	0.81	165	200	PVC	1.19	35.79	1.14	2.26	
Algonquin Street	2904	2902	6	14.4	55.2	4.31	0.94	0.00	0.00	0.00	0.50	0.06	0.17	1.11	33	200	PVC	5.45	76.58	2.44	1.45	
Algonquin Street	2902	2901	6	14.4	144	4.20	2.38	0.00	0.00	0.00	0.57	0.07	0.63	3.01	73	200	PVC	0.4	20.75	0.66	14.49	
Algonquin to Harry	2901	2900	0	0	144	4.20	2.38	0.00	0.00	0.00	0.00	0.00	0.63	3.01	106	200	PVC	0.4	20.75	0.66	14.49	
<b>Park Drive System</b>																						
Park Drive	2917	2914	18	43.2	43.2	4.33	0.74	0.00	0.00	0.00	1.98	0.24	0.24	0.97	78	200	PVC	2.22	48.88	1.56	1.99	
Park Drive	2914	2902	13	31.2	74.4	4.28	1.25	0.00	0.00	0.00	1.26	0.15	0.39	1.64		200	PVC	0.4	20.75	0.66	7.91	
<b>Harry Street Collector</b>																						
Harry Street	2925	2922	15	36	36	4.34	0.62	0.00	0.00	0.00	1.25	0.15	0.15	0.77	162	200	SCL 2400	0.4	20.75	0.66	3.69	
Harry Street	2922	2921	6	14.4	50.4	4.31	0.86	0.00	0.00	0.00	0.60	0.07	0.22	1.08	71	200	SCL 2400	0.4	20.75	0.66	5.19	
Harry Street	2921	2920	2	4.8	55.2	4.31	0.94	0.00	0.00	0.00	0.33	0.04	0.26	1.20	62	200	SCL 2400	9.5	101.11	3.22	1.18	
Harry Street	2920	2900	2	4.8	60	4.30	1.01	0.00	0.00	0.00	0.00	0.00	0.26	1.28	45	200	SCL 2400	0.4	20.75	0.66	6.15	
Harry Street	2900	2801	0	0	204	4.14	3.33	0.00	0.00	0.00	0.00	0.00	0.89	4.22	13	200	SCL 2400	0.4	20.75	0.66	20.33	
Harry Street	2801	P/S	0	0	1404	3.70	20.44	0.00	6.65	2.31	0.00	0.00	5.57	28.32	3	250	CL 2400	0.4	37.62	0.77	75.28	
Harry to Wolfe Ave.	P/S	1028	0	0	1404	3.70	20.44	0.00	6.65	2.31	0.00	0.00	5.57	28.32	602	250	PVC	0	27.76	0.57	102.03	
<b>County Road 51 Collector</b>																						
Cord 51	3006	3005	0	0	0	4.50	0.00	0.78	0.78	0.27	0.00	0.00	0.00	0.27	88	300	SCL 2400	1.65	124.24	1.76	0.22	
Cord 51	3005	3004	0	0	0	4.50	0.00	1.21	1.99	0.69	0.00	0.00	0.00	0.69	88	300	SCL 2400	0.31	53.85	0.76	1.28	
Cord 51	3004	3003	0	0	0	4.50	0.00	1.21	3.20	1.11	0.00	0.00	0.00	1.11	25	300	SCL 2400	0.52	69.75	0.99	1.59	
<b>County Road 51 System</b>																						
Cord 51	2842	2808	0	0	0	4.50	0.00	1.21	1.21	0.42	0.00	0.00	0.00	0.42	69	200	SCL 2400	2	46.39	0.58	0.91	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION Res. units by section	Pop. per section	Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS Individual Q(i) (L/s)	Cumulative (L/s)	PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS Size of Pipe (mm)	Type of Pipe	Slope (%)	PIPE DESIGN Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)	PERCENTAGE OF UTILIZATION	REMARKS
<b>County Road 51 Collector</b>																						
Cord 51	2808	2807	0	0	1200	3.75	17.70	1.52	3.60	1.25	0.00	0.00	4.68	23.62	102	200	SCL 2400	1.15	35.18	1.12	67.15	
Cord 51	2807	2806	0	0	1200	3.75	17.70	0.58	4.18	1.45	0.00	0.00	4.68	23.82	59	200	SCL 2400	0.26	16.73	0.53	152.45	
Cord 51	2806	2805	0	0	1200	3.75	17.70	0.00	4.18	1.45	0.00	0.00	4.68	23.82	72	200	SCL 2400	1.65	42.14	1.34	56.54	
Cord 51	2805	2804	0	0	1200	3.75	17.70	0.00	4.18	1.45	0.00	0.00	4.68	23.82	16	200	SCL 2400	2	46.39	1.48	51.35	
Cord 51	2804	2803	0	0	1200	3.75	17.70	0.00	6.65	2.31	0.00	0.00	4.68	24.68	8	200	SCL 3300	8	92.79	2.95	26.60	
Cord 51	2803	2802	0	0	1200	3.75	17.70	0.00	6.65	2.31	0.00	0.00	4.68	24.68	22	200	SCL 3300	8	92.79	2.95	26.60	
Cord 51	2802	2801	0	0	1200	3.75	17.70	0.00	6.65	2.31	0.00	0.00	4.68	24.68	74	250	SCL 2400	0.7	49.76	1.01	49.60	
<b>County Road 51 System</b>																						
Cord 51	2835	2833	0	0	0	4.50	0.00	1.57	1.57	0.55	0.00	0.00	0.00	0.55		200	SCL 2400	1.15	35.18	1.12	1.55	
Cord 51	2833	2804	0	0	0	4.50	0.00	0.90	2.47	0.86	0.00	0.00	0.00	0.86		200	SCL 2400	1.13	34.87	1.11	2.46	
<b>Portage Road Branch</b>																						
Portage Road	2851	2850	0	0	0	4.50	0.00	0.35	0.35	0.12	0.00	0.00	0.00	0.12	87	200	SCL 2400	0.96	32.14	1.02	0.38	
Portage Road	2850	2814	0	0	0	4.50	0.00	0.52	0.87	0.30	0.00	0.00	0.00	0.30	43	200	SCL 2400	3.4	60.49	1.93	0.50	
<b>Portage Road Collector</b>																						
Edmonds lands	Fut	2827	135	324	324	4.06	5.18	0.00	0.00	0.00	10.90	1.31	1.31	6.49	98	200	PVC DR 35	0.4	20.75	0.66	31.28	Future Edmonds - Portage Road assumed at 5 units/ac.
Portage Road	2827	2825	7	16.8	340.8	4.05	5.44	0.00	0.00	0.00	0.58	0.07	1.38	6.81	98	200	PVC DR 35	0.4	20.75	0.66	32.85	
Portage Road	2825	2823	11	26.4	367.2	4.04	5.84	0.00	0.00	0.00	0.84	0.10	1.48	7.32	191	200	PVC DR 35	0.4	20.75	0.66	35.26	
Portage Road	2823	2822	0	0	513.6	3.97	8.02	0.00	0.00	0.00	0.00	0.00	2.17	10.19	14	200	SCL 2400	0.4	20.75	0.66	49.11	
Portage Road	2822	2821	5	12	525.6	3.96	8.20	0.00	0.00	0.00	0.47	0.06	2.22	10.42	55	200	SCL 2400	0.4	20.75	0.66	50.23	
Portage Road	2821	2820	7	16.8	573.6	3.94	8.90	0.00	0.00	0.00	0.60	0.07	2.41	11.31	88	200	SCL 2400	0.4	20.75	0.66	54.52	
Portage Road	2820	2819	0	0	832.8	3.85	12.62	0.00	0.00	0.00	0.00	0.00	3.66	16.28	11	200	SCL 2400	0.4	20.75	0.66	78.47	
Portage Road	2819	2817	5	12	931.2	3.82	14.00	0.00	0.00	0.00	0.33	0.04	3.94	17.94	120	200	SCL 2400	0.4	20.75	0.66	86.45	
Portage Road	2817	2816	0	0	931.2	3.82	14.00	0.00	0.00	0.00	0.00	0.00	3.94	17.94	26	200	SCL 2400	0.4	20.75	0.66	86.45	
Portage Road	2816	2815	0	0	931.2	3.82	14.00	0.00	0.00	0.00	0.00	0.00	3.94	17.94	17	200	SCL 2400	0.77	28.79	0.92	62.31	
Portage Road	2815	2814	0	0	931.2	3.82	14.00	0.00	0.00	0.00	0.00	0.00	3.94	17.94	13	200	SCL 2400	0.4	20.75	0.66	86.45	
Portage to Cord 51	2814	2813	0	0	931.2	3.82	14.00	0.00	0.87	0.30	0.00	0.00	3.94	18.24	67	200	SCL 2400	0.4	20.75	0.66	87.91	
Portage to Cord 51	2813	2812	5	12	943.2	3.82	14.16	0.00	0.87	0.30	0.00	0.00	3.94	18.41	65	200	SCL 2400	0.4	20.75	0.66	88.71	
Portage to Cord 51	2812	2811	6	14.4	957.6	3.81	14.37	0.00	0.87	0.30	0.00	0.00	3.94	18.61	42	200	SCL 2400	0.4	20.75	0.66	89.68	
Portage to Cord 51	2811	2810	101	242.4	1200	3.75	17.70	0.00	0.87	0.30	6.14	0.74	4.68	22.68	94	200	SCL 2400	0.63	26.04	0.83	87.08	
Portage to Cord 51	2810	2809	0	0	1200	3.75	17.70	0.00	0.87	0.30	0.00	0.00	4.68	22.68	35	200	SCL 2400	0.4	20.75	0.66	109.29	
Portage to Cord 51	2809	2808	0	0	1200	3.75	17.70	0.00	0.87	0.30	0.00	0.00	4.68	22.68	90	200	SCL 2400	0.4	20.75	0.66	109.29	
<b>Daniel Drive System</b>																						
Daniel Drive	2874	2873	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	0.43	0.05	0.05	0.34	70	200	PVC DR 35	0.4	20.75	0.66	1.65	Start
Daniel Drive	2873	2871	12	28.8	45.6	4.32	0.78	0.00	0.00	0.00	0.61	0.07	0.12	0.90	151	200	PVC DR 35	0.4	20.75	0.66	4.34	
Wilson Drive	2878	2871	15	36	36	4.34	0.62	0.00	0.00	0.00	0.77	0.09	0.09	0.71		200	PVC DR 35	0.4	20.75	0.66	3.41	
Wilson Drive	2871	2819	2	4.8	86.4	4.26	1.45	0.00	0.00	0.00	0.16	0.02	0.24	1.68		250	PVC DR 35	0.4	37.62	0.77	4.48	
<b>Lisa Crescent System</b>																						
Lisa Crescent	2886	2885	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	1.21	0.15	0.15	0.60	76	200	AC 2400	0.4	20.75	0.66	2.88	
<b>Hilda Street System</b>																						
Hilda Street	2885	2882	17	40.8	67.2	4.29	1.13	0.00	0.00	0.00	1.83	0.22	0.36	1.50	246	200	AC 2400	0.4	20.75	0.66	7.22	
<b>Scott Avenue Collector</b>																						
Scott Avenue	2882	2881	4	9.6	76.8	4.27	1.29	0.00	0.00	0.00	0.31	0.04	0.40	1.69	95	200	AC 2400	0.4	20.75	0.66	8.16	
Scott Avenue	2881	2823	4	9.6	146.4	4.19	2.42	0.00	0.00	0.00	0.31	0.04	0.69	3.11	86	200	AC 2400	0.4	20.75	0.66	14.97	
<b>Lisa Crescent System</b>																						
Lisa Crescent	2893	2891	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	1.02	0.12	0.12	0.58	152	200	AC 2400	0.4	20.75	0.66	2.77	
Lisa Crescent	2890	2881	14	33.6	60	4.30	1.01	0.00	0.00	0.00	1.07	0.13	0.25	1.27	164	200	AC 2400	0.4	20.75	0.66	6.10	
<b>Audrey Street System</b>																						
Audrey Street	2861	2860	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	0.96	0.12	0.12	0.65	82	200	SCL 2400	0.4	20.75	0.66	3.13	
Audrey Street	2860	2821	0	0	31.2	4.35	0.53	0.00	0.00	0.00	0.00	0.00	0.12	0.65	85	200	SCL 2400	0.4	20.75	0.66	3.13	
<b>Russell Street System</b>																						
Sunny Drive	3132	3131	5	12	12	4.41	0.21	0.00	0.00	0.00	0.33	0.04	0.04	0.25	70	200	AC Sewer	0.4	20.75	0.66	1.19	
Future extension	est	3131	35	84	84	4.26	1.41	0.00	0.00	0.00	4.50	0.54	0.54	1.95		200	AC Sewer	0.5	23.20	0.74	8.40	Extension of Town owned lands
Russell Street	3131	3130	10	24	120	4.22	1.99	0.00	0.00	0.00	0.64	0.08	0.66	2.65	90	200	AC Sewer	0.4	20.75	0.66	12.77	
Russell Street	3130	3103	0	0	120	4.22	1.99	0.00	0.00	0.00	0.00	0.00	0.66	2.65	30	200	AC Sewer	0.4	20.75	0.66	12.77	
<b>Audrey Street System</b>																						
Audrey Street	3103	3102	4	9.6	160.8	4.18	2.65	0.00	0.00	0.00	0.33	0.04	0.84	3.49	90	200	SCL 2400	0.5	23.20	0.74	15.04	
<b>Audrey Street Collector</b>																						
Hilda Street	3102	3101	7	16.8	177.6	4.17	2.91	0.00	0.00	0.00	0.63	0.08	0.92	3.83	74	200	SCL 2400	0.4	20.75	0.66	18.46	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS			PIPE DESIGN		% OF UTILIZATION	REMARKS	
			Res. units by section	Pop. per section							Individual Q(i) (L/s)	Cumulative (L/s)			Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)				
<b>Florence Street Collector</b>																						
Florence Street	3101	3100	0	0	216	4.14	3.52	0.00	0.00	0.00	0.00	0.00	1.08	4.59	117	200	SCL 2400	0.4	20.75	0.66	22.14	
Florence Street	3100	2820	4	9.6	259.2	4.10	4.19	0.00	0.00	0.00	0.32	0.04	1.25	5.44	86	200	SCL 2400	0.4	20.75	0.66	26.21	
<b>Russell Street System</b>																						
Russell Street	3105	3103	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	1.22	0.15	0.15	0.68	60	200	SCL 2400	0.4	20.75	0.66	3.28	
<b>Hilda Street System</b>																						
Hilda Street	3121	3101	16	38.4	38.4	4.34	0.66	0.00	0.00	0.00	1.34	0.16	0.16	0.82	174	200	SCL 2400	0.4	20.75	0.66	3.93	
<b>Craig Place System</b>																						
Craig Place	3111	3100	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.12	0.13	0.13	0.71	138	200	AC 2400	0.4	20.75	0.66	3.42	
<b>Edith Street Collector</b>																						
Edith Street	1048	1047	0	0	1149.6	3.76	17.01	0.00	0.00	0.00	0.00	0.00	4.34	21.35	88	300	SCL 2400	0.3	52.98	0.75	40.30	
Edith Street	1047	1046	0	0	1180.8	3.75	17.44	0.00	0.93	0.32	0.00	0.00	4.48	22.23	13	300	SCL 2400	0.3	52.98	0.75	41.97	
Edith Street	1046	1045	0	0	1999.2	3.59	28.21	0.00	1.53	0.53	0.00	0.00	7.88	36.63	91	300	SCL 2400	0.3	52.98	0.75	69.13	
Edith Street	1045	1044	0	0	2443.2	3.52	33.81	0.00	4.09	1.42	0.00	0.00	10.01	45.24	57	300	SCL 2400	0.3	52.98	0.75	85.39	
Edith to Cord 51	1044	1043	0	0	2443.2	3.52	33.81	0.00	4.09	1.42	0.00	0.00	10.01	45.24	79	300	SCL 2400	0.33	55.56	0.79	81.42	
<b>Selkirk Street Collector</b>																						
Radke lands (partial)			100	240	240	4.12	3.89	0.00	0.00	0.00	8.00	0.96	0.96	4.85		200	SCL 2400	0.5	23.20	0.74	20.91	option of 100 lots draining in this direction
Selkirk Street	3323	3320	33	79.2	319.2	4.07	5.11	0.00	0.00	0.00	2.43	0.29	1.25	6.36	289	200	SCL 2400	0.36	19.68	0.63	32.31	
Selkirk Street	3320	3305	0	0	319.2	4.07	5.11	0.00	0.00	0.00	0.00	0.00	1.25	6.36	76	200	SCL 2400	0.36	98.63	3.14	6.45	
Selkirk Street	3305	3304	0	0	667.2	3.91	10.26	0.00	0.00	0.00	0.00	0.00	2.56	12.81	11	200	SCL 2400	2.03	46.74	1.49	27.42	
Selkirk Street	3304	1048	37	88.8	756	3.88	11.53	0.00	0.00	0.00	3.18	0.38	2.94	14.47	179	200	SCL 2400	0.6	25.41	0.81	56.93	
<b>Tangelwood Drive</b>																						
Tangelwood Drive	1054	1058	38	91.2	91.2	4.25	1.53	0.00	0.00	0.00	2.43	0.29	0.29	1.82		200	PVC	0.5	23.20	0.74	7.84	
<b>Edith Street Collector</b>																						
Edith Street	1058	1049	50	120	211.2	4.14	3.44	0.00	0.00	0.00	4.38	0.53	0.82	4.26	57	250	PVC	0.3	32.58	0.66	13.07	includes Phase 3 lands
<b>Briarwood Drive Collector</b>																						
Briarwood Drive	1053	1051	27	64.8	64.8	4.29	1.09	0.00	0.00	0.00	1.51	0.18	0.18	1.28	191	200	PVC ULTRA RIB	0.4	20.75	0.66	6.15	Start
Briarwood Drive	1051	1049	26	62.4	127.2	4.21	2.11	0.00	0.00	0.00	1.19	0.14	0.32	2.43	184	200	PVC ULTRA RIB	1.3	37.40	1.19	6.50	
<b>Edith Street Collector</b>																						
Edith Street	1049	1048	3	7.2	345.6	4.05	5.51	0.00	0.00	0.00	0.38	0.05	1.19	6.70	103	250	PVC ULTRA RIB	0.3	32.58	0.66	20.56	
<b>Russel Street/System</b>																						
Russel Street	3105	3140	17	40.8	40.8	4.33	0.70	0.00	0.00	0.00	1.59	0.19	0.19	0.89	192	200	SCL 2400	0.52	23.66	0.75	3.75	
Selkirk Street	3140	1048	3	7.2	48	4.32	0.82	0.00	0.00	0.00	0.20	0.02	0.21	1.03	101	200	SCL 2400	0.4	20.75	0.66	4.97	
<b>Hemlock Street Collector</b>																						
Hemlock Street	3333	3330	32	76.8	151.2	4.19	2.49	0.00	0.00	0.00	2.42	0.29	0.60	3.09	275	200	CL 2400	0.57	24.77	0.79	12.49	from Woodlands Crescent Collector
Hemlock Street	3330	3306	0	0	151.2	4.19	2.49	0.00	0.00	0.00	0.00	0.00	0.60	3.09	89	200	CL 2400	3.63	62.50	1.99	4.95	
<b>Woodland Crescent System</b>																						
Woodland Crescent	3306	3305	0	0	348	4.05	5.55	0.00	0.00	0.00	0.00	0.00	1.31	6.85	91	200	CL 2400	2.05	46.97	1.50	14.59	Branch Collector Hemlock Street
<b>Spruce Street Collector</b>																						
Spruce Street	3350	3334	22	52.8	52.8	4.31	0.90	0.00	0.00	0.00	1.62	0.19	0.19	1.09	237	200	CL 2400	0.59	25.20	0.80	4.33	
<b>Woodland Crescent System</b>																						
Woodland Crescent	3334	3333	9	21.6	74.4	4.28	1.25	0.00	0.00	0.00	0.97	0.12	0.31	1.56	90	200	CL 2400	1.03	33.29	1.06	4.69	Branch Collector from Spruce St.
Woodland Crescent	3307	3306	7	16.8	196.8	4.15	3.21	0.00	0.00	0.00	0.22	0.03	0.70	3.92	90	200	CL 2400	3.72	63.27	2.01	6.19	Branch Collector from Spruce St.
<b>Spruce Street System</b>																						
Spruce Street	3350	3307	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	0.54	0.06	0.06	0.40	92	200	CL 2400	2.67	53.60	1.71	0.74	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		POPULATION	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS			PIPE DESIGN		PERCENTAGE OF UTILIZATION	REMARKS
			Res. units by section	Pop. per section	Cumulative population							Individual Q(i) (L/s)	Cumulative (L/s)			Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)			
<b>Woodlands Crescent Collector</b>																						
Woodlands Crescent	3308	3307	2	4.8	160.8	4.18	2.65	0.00	0.00	0.00	0.22	0.03	0.61	3.26	90	200	CL 2400	0.4	20.75	0.66	15.71	Branch Collector from Oak St.
<b>Oak Street System</b>																						
Oak Avenue	3372	3308	28	67.2	67.2	4.29	1.13	0.00	0.00	0.00	2.02	0.24	0.24	1.38	329	200	PVC SDR 35	0.5	23.20	0.74	5.93	
<b>Woodlands Crescent Collector</b>																						
Woodlands Crescent	3313	3309	36	86.4	86.4	4.26	1.45	0.00	0.00	0.00	2.77	0.33	0.33	1.78	337	200	PVC SDR 35	0.4	20.75	0.66	8.58	
Woodland Crescent	3309	3308	1	2.4	88.8	4.26	1.49	0.00	0.00	0.00	0.10	0.01	0.34	1.83	84	200	PVC SDR 35	0.4	20.75	0.66	8.83	
<b>Murphy Road System</b>																						
Murphy Road	3411	3409	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	1.90	0.23	0.23	0.72	88	200	SCL 2400	0.4	20.75	0.66	3.48	
<b>Doran Road Collector</b>																						
Doran Road	3161	1046	2	4.8	4.8	4.44	0.08	0.60	0.60	0.21	0.15	0.02	0.02	0.31	86	200	SCL 2400	0.4	20.75	0.66	1.50	
<b>Radtke lands (partial)</b>			250	600	604.8	3.93	9.35	0.00	0.00	0.00	20.00	2.40	2.42	11.77	200	SCL 2400	0.5	23.20	0.74	50.75	option of 250 lots draining in this direction	
Doran Road	3409	3406	36	86.4	720	3.89	11.01	0.00	0.00	0.00	2.93	0.35	3.00	14.01	264	200	SCL 2400	0.4	20.75	0.66	67.54	
Doran Road	3406	3405	0	0	720	3.89	11.01	0.00	0.00	0.00	0.00	0.00	3.00	14.01	124	200	SCL 2400	6.28	82.21	2.62	17.04	
Doran Road	3405	3404	0	0	720	3.89	11.01	0.00	0.00	0.00	0.00	0.00	3.00	14.01	14	200	SCL 2400	0.4	20.75	0.66	67.54	
Doran Road	3404	3401	23	55.2	775.2	3.87	11.80	0.00	0.00	0.00	2.08	0.25	3.25	15.05	269	200	SCL 2400	1.96	45.93	1.46	32.77	
Doran Road	3401	3400	3	7.2	782.4	3.87	11.90	0.00	0.00	0.00	0.20	0.02	3.27	15.17	76	200	SCL 2400	0.89	30.95	0.99	49.03	
Doran Road	3400	1046	13	31.2	813.6	3.86	12.35	0.00	0.00	0.00	0.98	0.12	3.39	15.73	111	200	SCL 2400	0.64	26.24	0.84	59.95	
<b>Hilda Street System</b>																						
Hilda Street	3153	3151	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	0.98	0.12	0.12	0.57	61	200	SCL 2400	0.4	20.75	0.66	2.75	
<b>Doran Road Collector</b>																						
Doran Road	3151	1047	2	4.8	31.2	4.35	0.53	0.93	0.93	0.32	0.15	0.02	0.14	0.99	82	200	SCL 2400	0.37	19.95	0.64	4.98	
<b>Mary Street Collector</b>																						
Mary Street	3227	3226	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	0.78	0.09	0.09	0.38	84	200	SCL 2400	0.4	20.75	0.66	1.85	to Edith Street Collector
Mary Street	3226	3223	22	52.8	69.6	4.28	1.17	0.00	0.00	0.00	1.77	0.21	0.31	1.48	86	200	SCL 2400	2.04	46.86	1.49	3.16	Start
Mary Street	3223	3221	19	45.6	115.2	4.23	1.92	0.00	0.00	0.00	1.57	0.19	0.49	2.41	85	200	SCL 2400	0.96	32.14	1.02	7.50	
Mary Street	3221	3200	10	24	139.2	4.20	2.30	0.00	0.00	0.00	0.75	0.09	0.58	2.89	82	200	SCL 2400	0.95	31.97	1.02	9.03	
Mary Street	3200	1045	10	24	436.8	4.00	6.88	0.00	2.56	0.89	0.75	0.09	2.09	9.86	131	200	SCL 2400	0.6	25.41	0.81	38.81	Branch Collector Laura Street
Mary Street	3260	1045	3	7.2	7.2	4.43	0.13	0.00	0.00	0.00	0.28	0.03	0.03	0.16	50	200	SCL 2400	0.4	20.75	0.66	0.77	Start
<b>Laura Street Collector</b>																						
Laura Street	3201	3200	0	0	273.6	4.10	4.41	0.00	2.56	0.89	1.28	0.15	1.42	6.72	78	200	SCL 2400	0.4	20.75	0.66	32.37	Murry Street Collector Branch Collector John Street
<b>John Street Collector</b>																						
John Street	3203	3201	12	28.8	259.2	4.10	4.19	0.00	2.56	0.89	0.77	0.09	1.18	6.25	68	200	SCL 2400	0.48	22.73	0.72	27.51	to Laura Street Collector
<b>Norman Street System</b>																						
Norman Street	3270	3204	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	0.47	0.06	0.06	0.55	105	200	SCL 2400	0.4	20.75	0.66	2.65	to John Street Collector
Norman Street	3204	3203	0	0	230.4	4.13	3.74	0.00	2.56	0.89	0.00	0.00	1.08	5.71	28	200	SCL 2400	0.4	20.75	0.66	27.54	Start Branch Collector John Street
<b>John Street Collector</b>																						
John Street	3252	3209	18	43.2	43.2	4.33	0.74	0.00	0.00	0.00	2.12	0.25	0.25	0.99	68	200	SCL 2400	1.08	34.09	1.09	2.90	to Laura Street Collector
John Street	3209	3206	17	40.8	136.8	4.20	2.26	0.00	0.00	0.00	1.69	0.20	0.75	3.01	93	200	SCL 2400	1.1	34.41	1.10	8.76	
John Street	3206	3204	17	40.8	201.6	4.15	3.29	0.00	2.56	0.89	1.56	0.19	1.03	5.21	83	200	SCL 2400	0.4	20.75	0.66	25.10	
John Street	3230	3201	6	14.4	14.4	4.40	0.25	0.00	0.00	0.00	0.72	0.09	0.09	0.34	80	200	SCL 2400	0.4	20.75	0.66	1.62	Start
<b>Herman Street System</b>																						
Herman Street	3241	3240	9	21.6	21.6	4.38	0.37	2.56	2.56	0.89	0.70	0.08	0.08	1.34	65	200	SCL 2400	0.4	20.75	0.66	6.48	Start
Herman Street	3240	3206	1	2.4	24	4.37	0.41	0.00	2.56	0.89	0.06	0.01	0.09	1.39	88	200	SCL 2400	0.4	20.75	0.66	6.71	to John Street Collector
<b>Roy Street System</b>																						
Roy Street	3212	3211	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	1.28	0.15	0.15	0.69	111	200	ACCL 2400	2.9	55.87	1.78	1.23	Start
Roy Street	3211	3210	6	14.4	45.6	4.32	0.78	0.00	0.00	0.00	0.76	0.09	0.24	1.02	84	200	ACCL 2400	0.4	20.75	0.66	4.92	
Roy Street	3210	3209	3	7.2	52.8	4.31	0.90	0.00	0.00	0.00	0.40	0.05	0.29	1.19	82	200	ACCL 2400	0.4	20.75	0.66	5.73	



**APPENDIX I**

**SANITARY SEWER MODEL**

**ADDITIONAL LANDS OUTSIDE OFFICIAL PLAN**

TOWN OF PETAWAWA SANITARY SEWERS  
 CALCULATIONS FOR THE EXISTING SYSTEM  
 PROJECT NO: 2115331A  
 Date: Nov. 2011  
 FILE:P:\Docs211\2115331A\Sanitary Background Information\Petawawa Sanitary System - 2011 Update

**Scenario 4 - Existing Conditions + all lands in current OP + max. flow to Harry St. PS**

INCLUDES - LIMESTONE 3 & 4 & Commercial Petawawa Town Center - Towns & Commercial Edmond - Portage Road  
 HIGHLAND - 3B 4, & 5 Highland Park - 4B & 5 Radtke lands  
 BRIARWOOD PHASE 3 Lauffman Highlands 2A, 2B & 2C Town - Russell St. extension  
 THE FOREST - PHASE 3 & 4 Hoffman Victoria Street  
 VEREYKEN 2 Schools Maximize flow to Harry St. PS.

LAURENTIAN HIGHLANDS - Phases 1A & 1B

Where: q = Average daily per capita flow (L/capita/d)  
 I = Unit of peak extraneous flow (L/ha/s)  
 M = Peaking factor  
 Q(p) = Peak population flow (L/s)  
 Q(i) = Peak extraneous flow (L/s)

Formulas: Q(d) = Q(p) + peak ext. cum. flow (L/s)  
 Q(i) = I x pipe size(pipe length/1000)(L/s)  
 Q(p) = cum. pop\*ln x q(M86400) (L/s)  
 Q(d) = Q(p) + peak ext. cum. flow (L/s)  
 M = 1 + 14/(SQRT(cum. pop\*ln/1000))+4

Q(d) = Peak design flow

Values: q = 340 L/c/d  
 Persons/unit 2.4  
 I = 0.12 L/s/ha  
 ICI Peaking Factor = 3  
 ICI Flow Rate = 10000 L/ha/day  
 = 0.1157407 L/s/ha

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APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	Res. units by section	POPULATION Pop. per section	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Res. Area (ha.)	EXTRANEUS FLOWS Individual Q(i) (L/s)	Cumulative (L/s)	PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS Size of Pipe (mm) Type of Pipe	Slope (%)	Capacity n = 0.013 (L/s)	Full Flow Velocity (m/s)	PERCENTAGE OF UTILIZATION	REMARKS	
<b>Victoria Street Trunk</b>																					
Victoria Street	2607	2606	0	0	4.50	0.00	0.22	0.22	0.08	0.00	0.00	0.00	0.08	81	200	SCL 2400	0.4	20.75	0.66	0.37	Start
Victoria Street	2606	2605	4	9.6	4.42	0.17	0.59	0.81	0.28	0.45	0.05	0.05	0.50	77	200	SCL 2400	0.4	20.75	0.66	2.42	
Victoria Street	2605	2604	0	0	4.82	0.82	0.00	1.07	0.37	0.00	0.00	0.20	1.39	37	200	SCL 2400	0.4	20.75	0.66	6.68	Branch Collector Willard Street
Victoria Street	2604	2601	14	33.6	81.6	4.27	1.37	1.07	0.37	1.13	0.14	0.33	2.08	221	200	SCL 2400	0.4	20.75	0.66	10.01	Includes Hoffman Subdivision
Victoria Street	2601	1032	0	0	4.23	1.92	0.00	1.07	0.37	1.00	0.00	0.47	2.76	141	200	SCL 3300	0.4	20.75	0.66	13.30	Branch Collector Ethel Street
<b>Victoria Street Trunk</b>																					
Victoria Street	1032	1031	3	7.2	4135.2	3.32	54.03	1.00	23.75	0.60	0.07	17.09	79.37	53	400	SCL 4000	0.16	83.32	0.66	95.26	Branch Collector Violet Street
Victoria Street	1031	1030	0	0	4135.2	3.32	54.03	0.36	24.11	0.00	0.00	17.09	79.49	107	400	SCL 5000	0.16	83.32	0.66	95.41	
Victoria Street	1030	1029	0	0	4135.2	3.32	54.03	0.39	24.50	0.00	0.00	17.09	79.63	79	400	SCL 5000	0.16	83.32	0.66	95.57	
Victoria Street	1029	1028	0	0	4135.2	3.32	54.03	0.00	24.50	0.00	0.00	17.09	79.63	37	400	SCL 5000	0.16	83.32	0.66	95.57	
Victoria Street	1028	1027	0	0	7812	3.06	94.08	0.00	33.95	0.00	0.00	27.07	132.94	94	300	AC Sewer	1.11	101.90	1.44	100.82	Branch Collector Wolfe Avenue
Victoria Street	1027	1026	0	0	7812	3.06	94.08	0.00	33.95	0.00	0.00	27.07	132.94	48	300	AC Sewer	3.83	189.29	2.68	70.23	
Victoria Street	1026	1025	0	0	7812	3.06	94.08	0.00	33.95	0.00	0.00	27.07	132.94	61	300	AC Sewer	4.01	193.69	2.74	68.64	
Victoria Street	1025	1024	0	0	7812	3.06	94.08	0.00	33.95	0.00	0.00	27.07	132.94	51	450	AC Sewer	2.45	446.37	2.81	29.78	Branch Collector Vermont Meadows
Victoria Street	1024	1023	68	163.2	7975.2	3.05	95.77	0.00	33.95	1.79	0.30	27.37	134.93	19	450	AC Sewer	2.45	446.37	2.81	30.23	Branch Collector Armstrong Road
Victoria Street	1023	1022	2	4.8	7996.8	3.05	95.99	0.00	33.95	1.79	0.08	27.64	135.42	16	450	AC Sewer	2.43	444.54	2.80	30.46	
Victoria Street	1022	1021	0	0	7996.8	3.05	95.99	0.00	33.95	1.79	0.00	27.64	135.42	54	300	AC Sewer	3.9	191.01	2.70	70.90	
Victoria Street	1021	1020	6	14.4	8011.2	3.05	96.14	0.00	33.95	1.79	1.24	27.79	135.72	63	300	AC Sewer	4.03	194.17	2.75	69.90	
Victoria Street	1020	1019	8	19.2	8092.8	3.05	96.98	0.00	33.95	1.79	1.25	28.61	137.39	114	300	AC Sewer	1.17	104.62	1.48	131.32	
Victoria Street	1019	1018	3	7.2	8100	3.04	97.06	0.00	33.95	1.79	0.34	28.65	137.50	66	450	AC Sewer	0.125	100.82	0.63	136.38	Branch Collector Armstrong Road
Victoria Street	1018	1017	4	9.6	8109.6	3.04	97.16	0.00	33.95	1.79	0.47	28.71	137.66	89	450	AC Sewer	0.125	100.82	0.63	136.53	
Victoria Street	1017	1016	6	14.4	8124	3.04	97.31	0.00	33.95	1.79	0.57	28.78	137.87	57	450	AC Sewer	0.22	133.76	0.84	103.08	
Victoria Street	1016	1015	9	21.6	8145.6	3.04	97.53	0.00	33.95	1.79	0.68	28.86	138.18	119	525	PVC DR35	0.125	152.09	0.70	90.85	
Victoria Street	1015	1014	7	16.8	8162.4	3.04	97.70	0.00	33.95	1.79	0.85	28.96	138.45	50	450	AC Sewer	0.125	100.82	0.63	137.32	
Victoria Street	1014	1013	1	2.4	8200.8	3.04	98.10	0.00	33.95	1.79	0.42	29.58	139.46	68	450	AC Sewer	0.125	100.82	0.63	138.32	Branch Collector Armstrong Road
Victoria Street	1013	1012	4	9.6	8210.4	3.04	98.20	0.00	33.95	1.79	0.42	29.63	139.61	84	450	AC Sewer	0.125	100.82	0.63	138.47	
Victoria Street	1012	1011	3	7.2	8217.6	3.04	98.27	0.00	33.95	1.79	0.80	29.72	139.78	101	525	PVC DR35	0.125	152.09	0.70	91.91	
Victoria Street	1011	1010	0	0	12352.8	2.86	139.17	0.00	183.95	63.87	0.00	42.92	245.97	106	675	RCPipe(C76)	0.125	297.27	0.83	82.74	Branch Collector North Townsite
Victoria Street	1010	1009	0	0	12352.8	2.86	139.17	0.00	183.95	63.87	0.00	42.92	245.97	12	675	RCPipe(C76)	0.125	297.27	0.83	82.74	
Victoria Street	1009	1008	6	14.4	14114.4	2.80	155.79	0.00	231.6	80.42	1.03	49.76	285.96	109	675	RCPipe(C76)	0.09	252.24	0.70	113.37	Branch Collector Laurentian Drive
Victoria Street	1008	1007	1	2.4	14116.8	2.80	155.81	0.00	231.60	80.42	0.23	49.78	286.01	123	675	RCPipe(C76)	0.09	252.24	0.70	113.39	
Victoria Street	1007	1006	1	2.4	14376	2.80	158.22	0.00	231.6	80.42	0.13	51.23	289.87	91	675	RCPipe(C76)	0.09	252.24	0.70	114.92	Branch Collector East Street
Victoria Street	1006	1005	0	0	14376	2.80	158.22	0.00	231.60	80.42	0.00	51.23	289.87	49	675	RCPipe(C76)	0.09	252.24	0.70	114.92	
Victoria Street	1005	1004	0	0	14376	2.80	158.22	0.00	231.60	80.42	0.00	51.23	289.87	84	675	RCPipe(C76)	0.09	252.24	0.70	114.92	
Victoria Street	1004	1003	0	0	14589.6	2.79	160.20	0.00	231.6	80.42	0.00	52.33	292.95	52	675	RCPipe(C76)	0.09	252.24	0.70	116.14	Branch Collector Jan Drive
Victoria Street	1003	1002	0	0	14589.6	2.79	160.20	0.00	231.60	80.42	0.00	52.33	292.95	69	675	RCPipe(C76)	0.09	252.24	0.70	116.14	
Victoria Street	1002	1001	0	0	14589.6	2.79	160.20	0.00	231.60	80.42	0.00	52.33	292.95	34	675	RCPipe(C76)	0.09	252.24	0.70	116.14	
Victoria Street	1001	1000	0	0	14589.6	2.79	160.20	0.00	231.60	80.42	0.00	52.33	292.95	83	675	RCPipe(C76)	0.09	252.24	0.70	116.14	Sewage Plant (start)
<b>Laurentian Drive Collector</b>																					
Renfrew St. PS	2205	2204	0	0	1747.2	3.63	24.96	0.00	47.65	16.55	0.00	6.71	48.22								
Laurentian Drive	2204	2203	0	0	1747.2	3.63	24.96	0.00	47.65	16.55	0.00	6.71	48.22	1718	200	PVC Class 150	0.09	60.00	1.91	80.36	Forcemain
Laurentian Drive	2203	2202	0	0	1747.2	3.63	24.96	0.00	47.65	16.55	0.00	6.71	48.22	110	200	PVC DR35	6.32	82.47	2.63	58.47	
Laurentian Drive	2202	2201	0	0	1747.2	3.63	24.96	0.00	47.65	16.55	0.00	6.71	48.22	110	200	PVC DR35	8	92.79	2.95	51.97	
Laurentian Drive	2201	2200	0	0	1747.2	3.63	24.96	0.00	47.65	16.55	0.00	6.71	48.22	113	200	PVC DR35	7.5	89.84	2.86	53.67	
Laurentian Drive	2200	1009	0	0	1747.2	3.63	24.96	0.00	47.65	16.55	0.00	6.71	48.22	55	200	PVC DR35	3.25	59.14	1.88	81.53	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	Res. units by section	POPULATION Pop. per section	Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cumulative ICI Lands (ha.)	ICI Flows (L/s)	Res. Area (ha.)	EXTRANEIOUS FLOWS Individual Q(i) (L/s) Cumulative (L/s)		PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)	PERCENTAGE OF UTILIZATION	REMARKS	
<b>Jan Drive System</b>																							
Jan Drive	2105	2104	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	0.60	0.07	0.07	0.40	77	200	San.	0.5	23.20	0.74	1.74	to Edward Street Collector	
Jan Drive	2104	2102	14	33.6	52.8	4.31	0.90	0.00	0.00	0.00	0.79	0.09	0.17	1.06	170	200	San.	0.5	23.20	0.74	4.58	Start	
<b>Edward Street Collector</b>																							
Edward Street	2160	2102	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	0.51	0.06	0.06	0.35	50	200	San.	0.98	32.48	1.03	1.08	to Victoria Street Trunk	
Edward Street	2102	2101	0	0	69.6	4.28	1.17	0.00	0.00	0.00	0.00	0.00	0.228	1.40	80	200	San.	1.9	45.22	1.44	3.10	Branch Collector Jan Drive	
Edward Street	2101	2391	0	0	165.6	4.18	2.72	0.00	0.00	0.00	0.00	0.00	0.81	3.53	13	200	San.	0.46	22.25	0.71	15.86	Branch Collector Earl Street	
Edward Street	2391	2100	20	48	213.6	4.14	3.48	0.00	0.00	0.00	2.49	0.30	1.11	4.58	13	200	San.	0.46	22.25	0.71	20.60	Branch Collector Bayshore	
<b>Earl Street System</b>																							
Earl Street	2172	2171	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.87	0.22	0.22	0.80	118	200	San.	0.4	20.75	0.66	3.85	Start	
Earl Street	2171	2101	11	26.4	60	4.30	1.01	0.00	0.00	0.00	1.46	0.18	0.40	1.41	141	200	San.	0.4	20.75	0.66	6.82		
Earl Street	2152	2101	15	36	36	4.34	0.62	0.00	0.00	0.00	1.50	0.18	0.18	0.80	150	200	San.	1.35	38.12	1.21	2.09		
<b>Edward Street Collector</b>																							
Edward Street	2100	1004	0	0	213.6	4.14	3.48	0.00	0.00	0.00	0.00	0.00	1.11	4.58	347	100	160 PVC	0	6.00	0.76	76.40	to Victoria Street Trunk Foremain	
<b>Albert Street Branch</b>																							
Albert Street	2309	2307	17	40.8	40.8	4.33	0.70	0.00	0.00	0.00	2.13	0.26	0.26	0.95	198	200	SCL 2400	0.4	20.75	0.66	4.58	to Alice Street Collector	
Albert Street	2307	2306	6	14.4	55.2	4.31	0.94	0.00	0.00	0.00	0.40	0.05	0.30	1.24	122	200	SCL 2400	0.4	20.75	0.66	5.97	Start	
Albert Street	2306	2305	3	7.2	62.4	4.29	1.05	0.00	0.00	0.00	0.32	0.04	0.34	1.40	106	200	SCL 2400	0.4	20.75	0.66	6.73		
Albert Street	2380	2305	3	7.2	7.2	4.43	0.13	0.00	0.00	0.00	0.59	0.07	0.07	0.20	61	200	SCL 2400	0.4	20.75	0.66	0.95	Start	
<b>Alice Street Collector</b>																							
Alice Street	2305	2304	5	12	81.6	4.27	1.37	0.00	0.00	0.00	0.41	0.05	0.46	1.83	108	200	SCL 3300	0.4	20.75	0.66	8.83	to East Street Collector	
Alice Street	2304	2303	11	26.4	108	4.23	1.80	0.00	0.00	0.00	1.26	0.15	0.61	2.41	101	200	SCL 3300	0.4	20.75	0.66	11.63	Branch Collector Albert Street	
<b>Point Crescent System</b>																							
Point Crescent	2371	2370	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	0.82	0.10	0.10	0.59	96	200	ACCL 2400	0.4	20.75	0.66	2.85	to East Street Collector	
Point Crescent	2370	2351	9	21.6	50.4	4.31	0.86	0.00	0.00	0.00	0.74	0.09	0.19	1.04	125	200	ACCL 2400	0.4	20.75	0.66	5.03	Start	
<b>Edward Street System</b>																							
Edward Street	2360	2353	9	21.6	21.6	4.38	0.37	0.00	0.00	0.00	1.56	0.19	0.19	0.56	70	200	ACCL 2400	1	32.81	1.04	1.70	to East Street Collector Start	
<b>East Street Collector</b>																							
East Street	2390	2353	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	1.09	0.13	0.13	0.46	85	200	SCL 2400	0.4	20.75	0.66	2.23	to Victoria Street Trunk	
East Street	2353	2351	7	16.8	57.6	4.30	0.98	0.00	0.00	0.00	0.86	0.10	0.42	1.40	122	200	SCL 2400	0.4	20.75	0.66	6.73	Start	
East Street	2351	2303	5	12	120	4.22	1.99	0.00	0.00	0.00	0.68	0.08	0.69	2.68	112	200	SCL 2400	0.4	20.75	0.66	12.93	Branch Collector Edward Street	
East Street	2303	2302	2	4.8	232.8	4.12	3.78	0.00	0.00	0.00	0.15	0.02	1.32	5.10	21	200	SCL 3300	0.4	20.75	0.66	24.57	Branch Collector Alice Street	
East Street	2302	2301	0	0	232.8	4.12	3.78	0.00	0.00	0.00	0.00	0.00	1.32	5.10	19	200	SCL 3300	0.4	20.75	0.66	24.57		
East Street	2301	2300	0	0	232.8	4.12	3.78	0.00	0.00	0.00	0.00	0.00	1.32	5.10	381	100	CL 380	0.16	5.68	0.72	89.80	Foremain	
East Street	2300	1007	10	24	256.8	4.11	4.15	0.00	0.00	0.00	0.90	0.11	1.43	5.58	119	200	SCL 2400	0.4	20.75	0.66	26.89		
<b>North Township</b>																							
Northern Interceptor	Pet.River	9000	1723	4135.2	4135.2	3.32	54.03	150.00	150.00	52.08	110.00	13.20	13.20	119.31	47	610	AC Class II	0.1	202.97	0.69	58.79	to Victoria Street Trunk (Start) North CFB	
Northern Interceptor	9000	1011	0	0	4135.2	3.32	54.03	0.00	150.00	52.08	0.00	0.00	13.20	119.31	84	610	AC Class II	0.1	202.97	0.69	58.79	Branch Collector Alfred Street	
<b>Armstrong Road Collector</b>																							
Armstrong Road	2406	2402	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	3.60	0.43	0.43	0.89	171	200	SCL 2400	0.43	21.51	0.68	4.12	to Victoria Street Trunk	
Armstrong Road	2402	1014	4	9.6	36	4.34	0.62	0.00	0.00	0.00	1.08	0.13	0.56	1.18	109	200	SCL 2400	7.23	88.21	2.18	1.33	Start	
Armstrong Road	2462	2461	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	1.99	0.24	0.24	0.53	33	200	SCL 2400	0.32	18.56	0.59	2.85	Start	
Armstrong Road	2461	2452	10	24	40.8	4.33	0.70	0.00	0.00	0.00	2.13	0.26	0.49	1.19	189	200	SCL 2400	0.28	17.36	0.55	6.85		
Armstrong Road	2455	2452	9	21.6	21.6	4.38	0.37	0.00	0.00	0.00	1.51	0.18	0.18	0.55	144	200	SCL 2400	0.25	16.40	0.52	3.37	Start	
Armstrong Road	2452	1019	0	0	62.4	4.29	1.05	0.00	0.00	0.00	0.00	0.00	0.68	1.73	152	200	SCL 2400	7.2	88.03	2.80	1.97	Branch Collector Easement	
Armstrong Road	2470	1023	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	1.57	0.19	0.19	0.48	94	200	SCL 2400	0.39	20.49	0.65	2.34	Start	
<b>Wolfe Avenue Collector</b>																							
South Township	to	8001	757	1816.8	1816.8	3.62	25.87	0.00	0.00	0.00	35.00	4.20	4.20	30.07									Population based on MPAC data
Wolfe Avenue	8001	8000	0	0	1816.8	3.62	25.87	0.00	0.00	0.00	1.80	0.22	4.42	30.28	104	300	AC Sewer	0.5	68.39	0.97	44.28	Branch Collector	
Wolfe Avenue	8000	1028	0	0	1816.8	3.62	25.87	2.80	2.80	0.97	0.00	0.00	4.42	31.25	113	300	AC Sewer	0.25	48.36	0.68	64.63	apartment buildings	
<b>Violet Street Trunk</b>																							
Violet Street	1036	1035	6	14.4	3914.4	3.34	51.48	0.00	18.57	6.45	0.42	0.05	16.09	74.01	94	400	SCL 5000	0.16	83.32	0.66	88.83		
Violet Street	1035	1032	11	26.4	4012.8	3.33	52.62	0.00	21.68	7.53	1.13	0.14	16.55	76.69	203	400	SCL 5000	0.16	83.32	0.66	92.04	Branch Collector Mohs Avenue	



APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	PIPE SPECIFICATIONS				PIPE DESIGN		PERCENTAGE OF UTILIZATION	REMARKS
			Res. units by section	Pop. per section								Individual Q(i) (L/s)	Cumulative (L/s)		Length of Pipe (m)	Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)		
<b>Vereyken Crescent Collector</b>																						
Vereyken Crescent	3527	3526	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	0.58	0.07	0.07	0.40	65	200	PVC DR 35	0.4	20.75	0.66	1.93	to Wilbert Street Collector
Vereyken Crescent	3526	3525	32	76.8	96	4.25	1.60	0.00	0.00	0.00	0.58	0.07	0.14	1.74	38	200	PVC DR 35	0.4	20.75	0.66	8.41	Start
Vereyken Crescent	3525	3522	38	91.2	187.2	4.16	3.06	1.66	1.66	0.58	0.86	0.10	0.24	3.88	187	200	PVC DR 35	0.4	20.75	0.66	18.71	
Vereyken Crescent	3522	3521	23	55.2	242.4	4.12	3.93	0.00	1.66	0.58	0.57	0.07	0.31	4.81	31	300	SCL 3300	0.06	23.69	0.34	20.32	
Vereyken Crescent	3521	3507	8	19.2	328.8	4.06	5.25	0.00	1.66	0.58	0.52	0.06	0.60	6.43	99	300	SCL 3300	0.25	48.36	0.68	13.30	
Vereyken Crescent	3527	3531	6	14.4	14.4	4.40	0.25	0.00	0.00	0.00	0.50	0.06	0.06	0.31	126	200	PVC DR 35	0.4	20.75	0.66	1.49	Start
Vereyken Crescent	3533	3531	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	0.76	0.09	0.09	0.63	94	200	PVC DR 35	0.4	20.75	0.66	3.01	Start
Vereyken Crescent	3531	3530	9	21.6	67.2	4.29	1.13	0.00	0.00	0.00	0.64	0.08	0.23	1.36	90	200	PVC DR 35	0.4	20.75	0.66	6.56	Branch Collector Vereyken Crescent
Vereyken Crescent	3530	3521	0	0	67.2	4.29	1.13	0.00	0.00	0.00	0.00	0.00	0.23	1.36	40	200	PVC DR 35	0.4	20.75	0.66	6.56	
<b>Wilbert Street Collector</b>																						
Wilbert Street	3507	3505	9	21.6	1348.8	3.71	19.70	0.00	4.77	1.66	0.84	0.10	5.39	26.75	100	300	SCL 3300	0.25	48.36	0.68	55.31	to Violet Street Trunk
Wilbert Street	3505	3503	9	21.6	1370.4	3.71	19.99	0.00	4.77	1.66	0.95	0.11	5.50	27.15	139	300	SCL 4000	0.25	48.36	0.68	56.15	Branch Collector Dundonald Drive
Wilbert to Violet St	3503	1037	0	0	1370.4	3.71	19.99	0.00	4.77	1.66	0.00	0.00	5.50	27.15	309	300	SCL 4000	0.25	48.36	0.68	56.15	
Wilbert to Violet St	1037	1036	0	0	3900	3.34	51.31	0.00	18.57	6.45	0.00	0.00	16.04	73.80	69	400	SCL 5000	0.16	83.32	0.66	88.57	Branch Collector Maple Avenue
<b>Dundonald Drive Collector</b>																						
Herman to Cord 51	3510	3509	0	0	998.4	3.80	14.93	0.00	0.00	0.00	0.00	0.00	4.69	19.62	47	200	ACCL 3300	0.82	29.71	0.95	66.04	to Wilbert Street Collector
Cord 51 Cord 51	3509	3508	0	0	998.4	3.80	14.93	0.00	0.00	0.00	0.00	0.00	4.69	19.62	23	200	PVC SDR 35	2	46.39	1.48	42.29	Branch Collector Herman Street
Dundonald to Wilbert	3508	3507	0	0	998.4	3.80	14.93	0.00	3.11	1.08	0.00	0.00	4.69	20.70	95.2	250	PVC SDR 35	0.28	31.47	0.64	65.76	to Dundonald Drive Collector
<b>Herman Street System</b>																						
Eastway -Phase 1&2A Murphy Road	ext.	4000	212 95	508.8 228	508.8 736.8	3.97 3.88	7.95 11.25	0.00 0.00	0.00 0.00	0.00 0.00	24.22 5.54	2.91 0.66	2.91 3.57	10.86 14.83		200 200	PVC SDR 35 PVC SDR 35	2 0.5	46.39 23.20	1.48 0.74	23.40 63.91	Laurentian Highlands - Phase 1 & 2A Includes flow for The Forest Subdivision (87 lots) and 8 lots along Murphy Road
Herman Street	4000	3542	4	9.6	746.4	3.88	11.39	0.00	0.00	0.00	0.48	0.06	3.63	15.02		200	ACCL 2400	0.4	20.75	0.66	72.39	
Herman Street	3542	3541	5	12	811.2	3.86	12.31	0.00	0.00	0.00	0.48	0.06	3.91	16.22	104	200	ACCL 2400	0.4	20.75	0.66	78.17	Branch Collector Laroche Crescent
Herman Street	3541	3510	25	60	871.2	3.84	13.16	0.00	0.00	0.00	1.94	0.23	4.14	17.30	101	200	ACCL 2400	0.4	20.75	0.66	83.36	
Herman Street	3561	3511	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.13	0.14	0.14	0.71	141	200	ACCL 2400	0.6	25.41	0.81	2.80	Start
Herman Street	3511	3510	0	0	127.2	4.21	2.11	0.00	0.00	0.00	0.00	0.00	0.55	2.66	24	200	ACCL 2400	0.4	20.75	0.66	12.81	Branch Collector Laroche Crescent
<b>Laroche Crescent System</b>																						
Laroche Crescent	3545	3542	22	52.8	52.8	4.31	0.90	0.00	0.00	0.00	1.83	0.22	0.22	1.12	242	200	ACCL 2400	0.4	20.75	0.66	5.37	to Herman Street Collector Start
<b>Laroche Crescent Collector</b>																						
Laroche Crescent	3516	3514	15	36	36	4.34	0.62	0.00	0.00	0.00	1.43	0.17	0.17	0.79	122	200	ACCL 2400	2	46.39	1.48	1.70	
Laroche Crescent	3514	3512	7	16.8	52.8	4.31	0.90	0.00	0.00	0.00	0.68	0.08	0.25	1.15	98	200	ACCL 2400	3.4	60.49	1.93	1.90	
Laroche Crescent	3512	3511	0	0	93.6	4.25	1.57	0.00	0.00	0.00	0.00	0.00	0.41	1.98	88	200	ACCL 2400	0.9	31.12	0.99	6.36	
<b>James Street System</b>																						
James Street	3551	3512	17	40.8	40.8	4.33	0.70	0.00	0.00	0.00	1.33	0.16	0.16	0.86	198	200	ACCL 2400	0.4	20.75	0.66	4.12	
<b>County Road 51 System</b>																						
Cord 51	3573	3508	0	0	0	4.50	0.00	1.84	1.84	0.64	0.00	0.00	0.00	0.64		200	SCL 2400	0.4	20.75	0.66	3.08	
Cord 51	3583	3508	0	0	0	4.50	0.00	1.27	1.27	0.44	0.00	0.00	0.00	0.44	293	200	SCL 2400	0.39	20.49	0.65	2.15	
<b>Mohms Avenue Collector</b>																						
Mohms Avenue	2753	1035	8	19.2	19.2	4.38	0.33	0.65	0.65	0.23	1.17	0.14	0.14	0.70	338	200	SCL 2400	0.4	20.75	0.66	3.36	
RRCSS to Mohms Ave.	2770	2703	0	0	52.8	4.31	0.90	1.59	1.59	0.55	0.00	0.00	0.18	1.63	86	200	SCL 2400	0.4	20.75	0.66	7.86	
Mohms Avenue	2704	2703	0	0	0	4.50	0.00	0.87	0.87	0.30	0.00	0.00	0.00	0.30	22	200	SCL 2400	0.4	20.75	0.66	1.46	
Mohms Avenue	2703	2701	7	16.8	16.8	4.39	0.29	0.00	2.46	0.85	0.50	0.06	0.06	1.20	181	200	SCL 2400	0.4	20.75	0.66	5.80	
Mohms Avenue	2701	2700	0	0	16.8	4.39	0.29	0.00	2.46	0.85	0.00	0.00	0.06	1.20	22	200	SCL 2400	0.4	20.75	0.66	5.80	
Mohms Avenue	2700	1035	4	9.6	52.8	4.31	0.90	0.00	2.46	0.85	0.31	0.04	0.18	1.93	94	200	SCL 2400	0.4	20.75	0.66	9.31	
<b>Ethel Street System</b>																						
Ethel Street	2760	2700	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	0.71	0.09	0.09	0.54	74	200	SCL 2400	1.04	33.45	1.06	1.61	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION Res. units by section	Pop. per section	Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cumulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS Individual Q(i) (L/s)	Cumulative (L/s)	PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS Size of Pipe (mm)	Type of Pipe	Slope (%)	PIPE DESIGN Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)	PERCENTAGE OF UTILIZATION	REMARKS
<b>Ethel Street System</b>																						
Ethel Street	2651	2601	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.14	0.14	0.14	0.71	179	200	SCL 2400	0.4	20.75	0.66	3.43	
<b>Willard Street System</b>																						
Willard Street	2671	2605	16	38.4	38.4	4.34	0.66	0.26	0.26	0.09	1.21	0.15	0.15	0.89	185	200	SCL 2400	0.4	20.75	0.66	4.29	
<b>County Road 51 System</b>																						
Cord 51	3032	3003	0	0	0	4.50	0.00	1.17	1.17	0.41	0.00	0.00	0.00	0.41	159	200	SCL 2400	0.39	20.49	0.65	1.98	
<b>County Road 51 Collector</b>																						
Cord 51	3003	3002	0	0	9.6	4.42	0.17	0.00	5.06	1.76	0.00	0.00	0.04	1.97	34	300	SCL 2400	0.1	30.59	0.43	6.43	
Cord 51	3002	3001	0	0	9.6	4.42	0.17	0.00	5.06	1.76	0.00	0.00	0.04	1.97	86	300	SCL 2400	0.3	52.98	0.75	3.71	
Cord 51	3001	3000	0	0	9.6	4.42	0.17	0.00	5.06	1.76	0.00	0.00	0.04	1.97	101	300	SCL 3300	0.22	45.37	0.64	4.34	
Cord 51	3000	1043	0	0	9.6	4.42	0.17	1.40	6.46	2.24	0.00	0.00	0.04	2.45	81	300	SCL 3300	0.27	50.26	0.71	4.88	
<b>Maple Avenue Collector</b>																						
Maple Avenue	1043	1042	0	0	2452.8	3.52	33.93	0.00	11.85	4.11	0.00	0.00	10.05	48.10	54	400	SCL 4000	0.16	83.32	0.66	57.72	
Maple Avenue	1042	1040	11	26.4	2479.2	3.51	34.26	0.00	11.85	4.11	1.10	0.13	10.18	48.56	96	400	SCL 5000	0.16	83.32	0.66	58.27	
Maple Avenue	1040	1039	8	19.2	2498.4	3.51	34.50	0.00	11.85	4.11	0.60	0.07	10.26	48.87	72	400	SCL 5000	0.16	83.32	0.66	58.65	
Maple Avenue	1039	1038	0	0	2527.2	3.50	34.85	0.00	11.85	4.11	0.00	0.00	10.52	49.48	81	400	SCL 5000	0.16	83.32	0.66	59.39	
Maple to Violet St.	1038	1037	1	2.4	2529.6	3.50	34.88	1.95	13.80	4.79	0.16	0.02	10.54	50.21	106	400	SCL 5000	0.16	83.32	0.66	60.26	
<b>Pine Plce System</b>																						
Pine Plce	1060	1039	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	2.18	0.26	0.26	0.76	109	200	ACCL 2400	0.58	24.98	0.80	3.02	
<b>Mohns Avenue System</b>																						
Mohns Avenue	3021	3020	4	9.6	9.6	4.42	0.17	0.00	0.00	0.00	0.36	0.04	0.04	0.21	75	200	SCL 2400	0.4	20.75	0.66	1.01	
Mohns Avenue	3020	3003	0	0	9.6	4.42	0.17	0.69	0.69	0.24	0.00	0.00	0.04	0.45	85	200	SCL 2400	1.6	41.50	1.32	1.08	
<b>Violet Street Trunk</b>																						
Cord 51	3602	3601	0	0	0	4.50	0.00	0.54	0.54	0.19	0.00	0.00	0.00	0.19	129	200	SCL 2400	0.45	22.01	0.70	0.85	
Cord 51	3601	3600	0	0	0	4.50	0.00	0.76	1.30	0.45	0.00	0.00	0.00	0.45	91	200	SCL 2400	0.37	19.95	0.64	2.26	
Cord 51	3600	1043	0	0	0	4.50	0.00	0.00	1.30	0.45	0.00	0.00	0.00	0.45	101	200	SCL 2400	0.43	21.51	0.68	2.10	
<b>Harry Street System</b>																						
Harry Street	2907	2906	5	12	12	4.41	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.21	70	200	PVC	0.91	31.29	1.00	0.66	
<b>Algonquin Street Collector</b>																						
Algonquin Street	2906	2904	12	28.8	40.8	4.33	0.70	0.00	0.00	0.00	0.93	0.11	0.11	0.81	165	200	PVC	1.19	35.79	1.14	2.26	
Algonquin Street	2904	2902	6	14.4	55.2	4.31	0.94	0.00	0.00	0.00	0.50	0.06	0.17	1.11	33	200	PVC	5.45	76.58	2.44	1.45	
Algonquin Street	2902	2901	6	14.4	144	4.20	2.38	0.00	0.00	0.00	0.57	0.07	0.63	3.01	73	200	PVC	0.4	20.75	0.66	14.49	
Algonquin to Harry	2901	2900	0	0	144	4.20	2.38	0.00	0.00	0.00	0.00	0.00	0.63	3.01	106	200	PVC	0.4	20.75	0.66	14.49	
<b>Park Drive System</b>																						
Park Drive	2917	2914	18	43.2	43.2	4.33	0.74	0.00	0.00	0.00	1.98	0.24	0.24	0.97	78	200	PVC	2.22	48.88	1.56	1.99	
Park Drive	2914	2902	13	31.2	74.4	4.28	1.25	0.00	0.00	0.00	1.26	0.15	0.39	1.64	200	PVC	0.4	20.75	0.66	7.91		
<b>Harry Street Collector</b>																						
Harry Street	2925	2922	15	36	36	4.34	0.62	0.00	0.00	0.00	1.25	0.15	0.15	0.77	162	200	SCL 2400	0.4	20.75	0.66	3.69	
Harry Street	2922	2921	6	14.4	50.4	4.31	0.86	0.00	0.00	0.00	0.60	0.07	0.22	1.08	71	200	SCL 2400	0.4	20.75	0.66	5.19	
Harry Street	2921	2920	2	4.8	55.2	4.31	0.94	0.00	0.00	0.00	0.33	0.04	0.26	1.20	62	200	SCL 2400	9.5	101.11	3.22	1.18	
Harry Street	2920	2900	2	4.8	60	4.30	1.01	0.00	0.00	0.00	0.00	0.00	0.26	1.28	45	200	SCL 2400	0.4	20.75	0.66	6.15	
Harry Street	2900	2801	0	0	204	4.14	3.33	0.00	0.00	0.00	0.00	0.00	0.89	4.22	13	200	SCL 2400	0.4	20.75	0.66	20.33	
Harry Street	2801	P/S	0	0	1860	3.61	26.42	0.00	6.65	2.31	0.00	0.00	5.57	34.30	3	250	CL 2400	0.4	37.62	0.77	91.18	
Harry to Wolfe Ave.	P/S	1028	0	0	1860	3.61	26.42	0.00	6.65	2.31	0.00	0.00	5.57	34.30	602	250	PVC	0	27.76	0.57	123.57	
<b>County Road 51 Collector</b>																						
Cord 51	3006	3005	0	0	0	4.50	0.00	0.78	0.78	0.27	0.00	0.00	0.00	0.27	88	300	SCL 2400	1.65	124.24	1.76	0.22	
Cord 51	3005	3004	0	0	0	4.50	0.00	1.21	1.99	0.69	0.00	0.00	0.00	0.69	88	300	SCL 2400	0.31	53.85	0.76	1.28	
Cord 51	3004	3003	0	0	0	4.50	0.00	1.21	3.20	1.11	0.00	0.00	0.00	1.11	25	300	SCL 2400	0.52	69.75	0.99	1.59	
<b>County Road 51 System</b>																						
Cord 51	2842	2808	0	0	0	4.50	0.00	1.21	1.21	0.42	0.00	0.00	0.00	0.42	69	200	SCL 2400	2	46.39	0.58	0.91	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION Res. units by section	Pop. per section	Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cumulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEUS FLOWS Individual Q(i) (L/s)	Cumulative (L/s)	PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS Size of Pipe (mm)	Type of Pipe	Slope (%)	PIPE DESIGN Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)	PERCENTAGE OF UTILIZATION	REMARKS	
<b>County Road 51 Collector</b>																							
Cord 51	2808	2807	0	0	1656	3.65	23.77	1.52	3.60	1.25	0.00	0.00	4.68	29.70	102	200	SCL 2400	1.15	35.18	1.12	84.42		
Cord 51	2807	2806	0	0	1656	3.65	23.77	0.58	4.18	1.45	0.00	0.00	4.68	29.90	59	200	SCL 2400	0.26	16.73	0.53	158.25		
Cord 51	2806	2805	0	0	1656	3.65	23.77	0.00	4.18	1.45	0.00	0.00	4.68	29.90	72	200	SCL 2400	1.65	42.14	1.34	70.96		
Cord 51	2805	2804	0	0	1656	3.65	23.77	0.00	4.18	1.45	0.00	0.00	4.68	29.90	16	200	SCL 2400	2	46.39	1.48	64.45		
Cord 51	2804	2803	0	0	1656	3.65	23.77	0.00	6.65	2.31	0.00	0.00	4.68	30.76	8	200	SCL 3300	8	92.79	2.95	33.15		
Cord 51	2803	2802	0	0	1656	3.65	23.77	0.00	6.65	2.31	0.00	0.00	4.68	30.76	22	200	SCL 3300	8	92.79	2.95	33.15		
Cord 51	2802	2801	0	0	1656	3.65	23.77	0.00	6.65	2.31	0.00	0.00	4.68	30.76	74	250	SCL 2400	0.7	49.76	1.01	61.81		
<b>County Road 51 System</b>																							
Cord 51	2835	2833	0	0	0	4.50	0.00	1.57	1.57	0.55	0.00	0.00	0.00	0.55		200	SCL 2400	1.15	35.18	1.12	1.55		
Cord 51	2833	2804	0	0	0	4.50	0.00	0.90	2.47	0.86	0.00	0.00	0.00	0.86		200	SCL 2400	1.13	34.87	1.11	2.46		
<b>Portage Road Branch</b>																							
Portage Road	2851	2850	0	0	0	4.50	0.00	0.35	0.35	0.12	0.00	0.00	0.00	0.12	87	200	SCL 2400	0.96	32.14	1.02	0.38		
Portage Road	2850	2814	0	0	0	4.50	0.00	0.52	0.87	0.30	0.00	0.00	0.00	0.30	43	200	SCL 2400	3.4	60.49	1.93	0.50		
<b>Portage Road Collector</b>																							
			190	456																			
Edmonds lands	Fut	2827	135	324	780	3.87	11.87	0.00	0.00	0.00	10.90	1.31	1.31	13.18		200	PVC DR 35	0.4	20.75	0.66	63.51	Based on max. 325 additional houses allowable at Harry St. PS Future Edmonds - Portage Road assumed at 5 units/ac.	
Portage Road	2827	2825	7	16.8	796.8	3.86	12.11	0.00	0.00	0.00	0.58	0.07	1.38	13.49	98	200	PVC DR 35	0.4	20.75	0.66	65.00		
Portage Road	2825	2823	11	26.4	823.2	3.85	12.48	0.00	0.00	0.00	0.84	0.10	1.48	13.96	191	200	PVC DR 35	0.4	20.75	0.66	67.28		
Portage Road	2823	2822	0	0	969.6	3.81	14.53	0.00	0.00	0.00	0.00	0.00	2.17	16.70	14	200	SCL 2400	0.4	20.75	0.66	80.49		
Portage Road	2822	2821	5	12	981.6	3.81	14.70	0.00	0.00	0.00	0.47	0.06	2.22	16.92	55	200	SCL 2400	0.4	20.75	0.66	81.57		
Portage Road	2821	2820	7	16.8	1029.6	3.79	15.36	0.00	0.00	0.00	0.60	0.07	2.41	17.78	88	200	SCL 2400	0.4	20.75	0.66	85.67		
Portage Road	2820	2819	0	0	1288.8	3.73	18.90	0.00	0.00	0.00	0.00	0.00	3.66	22.56	11	200	SCL 2400	0.4	20.75	0.66	108.74		
Portage Road	2819	2817	5	12	1387.2	3.70	20.22	0.00	0.00	0.00	0.33	0.04	3.94	24.16	120	200	SCL 2400	0.4	20.75	0.66	116.44		
Portage Road	2817	2816	0	0	1387.2	3.70	20.22	0.00	0.00	0.00	0.00	0.00	3.94	24.16	26	200	SCL 2400	0.4	20.75	0.66	116.44		
Portage Road	2816	2815	0	0	1387.2	3.70	20.22	0.00	0.00	0.00	0.00	0.00	3.94	24.16	17	200	SCL 2400	0.77	28.79	0.92	83.92		
Portage Road	2815	2814	0	0	1387.2	3.70	20.22	0.00	0.00	0.00	0.00	0.00	3.94	24.16	13	200	SCL 2400	0.4	20.75	0.66	116.44		
Portage to Cord 51	2814	2813	0	0	1387.2	3.70	20.22	0.00	0.87	0.30	0.00	0.00	3.94	24.46	67	200	SCL 2400	0.4	20.75	0.66	117.89		
Portage to Cord 51	2813	2812	5	12	1399.2	3.70	20.38	0.00	0.87	0.30	0.00	0.00	3.94	24.62	65	200	SCL 2400	0.4	20.75	0.66	118.67		
Portage to Cord 51	2812	2811	6	14.4	1413.6	3.70	20.57	0.00	0.87	0.30	0.00	0.00	3.94	24.81	42	200	SCL 2400	0.4	20.75	0.66	119.59		
Portage to Cord 51	2811	2810	101	242.4	1656	3.65	23.77	0.00	0.87	0.30	6.14	0.74	4.68	28.75	94	200	SCL 2400	0.63	26.04	0.83	110.42		
Portage to Cord 51	2810	2809	0	0	1656	3.65	23.77	0.00	0.87	0.30	0.00	0.00	4.68	28.75	35	200	SCL 2400	0.4	20.75	0.66	158.58		
Portage to Cord 51	2809	2808	0	0	1656	3.65	23.77	0.00	0.87	0.30	0.00	0.00	4.68	28.75	90	200	SCL 2400	0.4	20.75	0.66	158.58		
<b>Daniel Drive System</b>																							
Daniel Drive	2874	2873	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	0.43	0.05	0.05	0.34	70	200	PVC DR 35	0.4	20.75	0.66	1.65		Start
Daniel Drive	2873	2871	12	28.8	45.6	4.32	0.78	0.00	0.00	0.00	0.61	0.07	0.12	0.90	151	200	PVC DR 35	0.4	20.75	0.66	4.34		
Wilson Drive	2878	2871	15	36	36	4.34	0.62	0.00	0.00	0.00	0.77	0.09	0.09	0.71		200	PVC DR 35	0.4	20.75	0.66	3.41		
Wilson Drive	2871	2819	2	4.8	86.4	4.26	1.45	0.00	0.00	0.00	0.16	0.02	0.24	1.68		250	PVC DR 35	0.4	37.62	0.77	4.48		
<b>Lisa Crescent System</b>																							
Lisa Crescent	2886	2885	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	1.21	0.15	0.15	0.60	76	200	AC 2400	0.4	20.75	0.66	2.88		
<b>Hilda Street System</b>																							
Hilda Street	2885	2882	17	40.8	67.2	4.29	1.13	0.00	0.00	0.00	1.83	0.22	0.36	1.50	246	200	AC 2400	0.4	20.75	0.66	7.22		
<b>Scott Avenue Collector</b>																							
Scott Avenue	2882	2881	4	9.6	76.8	4.27	1.29	0.00	0.00	0.00	0.31	0.04	0.40	1.69	95	200	AC 2400	0.4	20.75	0.66	8.16		
Scott Avenue	2881	2823	4	9.6	146.4	4.19	2.42	0.00	0.00	0.00	0.31	0.04	0.69	3.11	86	200	AC 2400	0.4	20.75	0.66	14.97		
<b>Lisa Crescent System</b>																							
Lisa Crescent	2893	2891	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	1.02	0.12	0.12	0.58	152	200	AC 2400	0.4	20.75	0.66	2.77		
Lisa Crescent	2890	2881	14	33.6	60	4.30	1.01	0.00	0.00	0.00	1.07	0.13	0.25	1.27	164	200	AC 2400	0.4	20.75	0.66	6.10		
<b>Audrey Street System</b>																							
Audrey Street	2861	2860	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	0.96	0.12	0.12	0.65	82	200	SCL 2400	0.4	20.75	0.66	3.13		
Audrey Street	2860	2821	0	0	31.2	4.35	0.53	0.00	0.00	0.00	0.00	0.00	0.12	0.65	85	200	SCL 2400	0.4	20.75	0.66	3.13		
<b>Russell Street System</b>																							
Sammy Drive	3132	3131	5	12	12	4.41	0.21	0.00	0.00	0.00	0.33	0.04	0.04	0.25	70	200	AC Sewer	0.4	20.75	0.66	1.19		
Future extension	ext	3131	35	84	84	4.26	1.41	0.00	0.00	0.00	4.50	0.54	0.54	1.95		200	AC Sewer	0.5	23.20	0.74	8.40		
Russell Street	3131	3130	10	24	120	4.22	1.99	0.00	0.00	0.00	0.64	0.08	0.66	2.65	90	200	AC Sewer	0.4	20.75	0.66	12.77		
Russell Street	3130	3103	0	0	120	4.22	1.99	0.00	0.00	0.00	0.00	0.00	0.66	2.65	30	200	AC Sewer	0.4	20.75	0.66	12.77		
<b>Audrey Street System</b>																							
Audrey Street	3103	3102	4	9.6	160.8	4.18	2.65	0.00	0.00	0.00	0.33	0.04	0.84	3.49	90	200	SCL 2400	0.5	23.20	0.74	15.04		
<b>Audrey Street Collector</b>																							
Hilda Street	3102	3101	7	16.8	177.6	4.17	2.91	0.00	0.00	0.00	0.63	0.08	0.92	3.83	74	200	SCL 2400	0.4	20.75	0.66	18.46		

Extension of Town owned lands

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS			PIPE DESIGN		% OF UTILIZATION	REMARKS	
			Res. units by section	Pop. per section							Individual Q(i) (L/s)	Cumulative (L/s)			Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)				
<b>Florence Street Collector</b>																						
Florence Street	3101	3100	0	0	216	4.14	3.52	0.00	0.00	0.00	0.00	0.00	1.08	4.59	117	200	SCL 2400	0.4	20.75	0.66	22.14	
Florence Street	3100	2820	4	9.6	259.2	4.10	4.19	0.00	0.00	0.00	0.32	0.04	1.25	5.44	86	200	SCL 2400	0.4	20.75	0.66	26.21	
<b>Russell Street System</b>																						
Russell Street	3105	3103	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	1.22	0.15	0.15	0.68	60	200	SCL 2400	0.4	20.75	0.66	3.28	
<b>Hilda Street System</b>																						
Hilda Street	3121	3101	16	38.4	38.4	4.34	0.66	0.00	0.00	0.00	1.34	0.16	0.16	0.82	174	200	SCL 2400	0.4	20.75	0.66	3.93	
<b>Craig Place System</b>																						
Craig Place	3111	3100	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.12	0.13	0.13	0.71	138	200	AC 2400	0.4	20.75	0.66	3.42	
<b>Edith Street Collector</b>																						
Edith Street	1048	1047	0	0	1149.6	3.76	17.01	0.00	0.00	0.00	0.00	0.00	4.34	21.35	88	300	SCL 2400	0.3	52.98	0.75	40.30	
Edith Street	1047	1046	0	0	1180.8	3.75	17.44	0.00	0.93	0.32	0.00	0.00	4.48	22.23	13	300	SCL 2400	0.3	52.98	0.75	41.97	
Edith Street	1046	1045	0	0	1999.2	3.59	28.21	0.00	1.53	0.53	0.00	0.00	7.88	36.63	91	300	SCL 2400	0.3	52.98	0.75	69.13	
Edith Street	1045	1044	0	0	2443.2	3.52	33.81	0.00	4.09	1.42	0.00	0.00	10.01	45.24	57	300	SCL 2400	0.3	52.98	0.75	85.39	
Edith to Cord 51	1044	1043	0	0	2443.2	3.52	33.81	0.00	4.09	1.42	0.00	0.00	10.01	45.24	79	300	SCL 2400	0.33	55.56	0.79	81.42	
<b>Selkirk Street Collector</b>																						
Radke lands (partial)			100	240	240	4.12	3.89	0.00	0.00	0.00	8.00	0.96	0.96	4.85		200	SCL 2400	0.5	23.20	0.74	20.91	option of 100 lots draining in this direction
Selkirk Street	3323	3320	33	79.2	319.2	4.07	5.11	0.00	0.00	0.00	2.43	0.29	1.25	6.36	289	200	SCL 2400	0.36	19.68	0.63	32.31	
Selkirk Street	3320	3305	0	0	319.2	4.07	5.11	0.00	0.00	0.00	0.00	0.00	1.25	6.36	76	200	SCL 2400	0.36	98.63	3.14	6.45	
Selkirk Street	3305	3304	0	0	667.2	3.91	10.26	0.00	0.00	0.00	0.00	0.00	2.56	12.81	11	200	SCL 2400	2.03	46.74	1.49	27.42	
Selkirk Street	3304	1048	37	88.8	756	3.88	11.53	0.00	0.00	0.00	3.18	0.38	2.94	14.47	179	200	SCL 2400	0.6	25.41	0.81	56.93	
<b>Tangelwood Drive</b>																						
Tangelwood Drive	1054	1058	38	91.2	91.2	4.25	1.53	0.00	0.00	0.00	2.43	0.29	0.29	1.82		200	PVC	0.5	23.20	0.74	7.84	
<b>Edith Street Collector</b>																						
Edith Street	1058	1049	50	120	211.2	4.14	3.44	0.00	0.00	0.00	4.38	0.53	0.82	4.26	57	250	PVC	0.3	32.58	0.66	13.07	includes Phase 3 lands
<b>Briarwood Drive Collector</b>																						
Briarwood Drive	1053	1051	27	64.8	64.8	4.29	1.09	0.00	0.00	0.00	1.51	0.18	0.18	1.28	191	200	PVC ULTRA RIB	0.4	20.75	0.66	6.15	Start
Briarwood Drive	1051	1049	26	62.4	127.2	4.21	2.11	0.00	0.00	0.00	1.19	0.14	0.32	2.43	184	200	PVC ULTRA RIB	1.3	37.40	1.19	6.50	
<b>Edith Street Collector</b>																						
Edith Street	1049	1048	3	7.2	345.6	4.05	5.51	0.00	0.00	0.00	0.38	0.05	1.19	6.70	103	250	PVC ULTRA RIB	0.3	32.58	0.66	20.56	
<b>Russel Street/System</b>																						
Russel Street	3105	3140	17	40.8	40.8	4.33	0.70	0.00	0.00	0.00	1.59	0.19	0.19	0.89	192	200	SCL 2400	0.52	23.66	0.75	3.75	
Selkirk Street	3140	1048	3	7.2	48	4.32	0.82	0.00	0.00	0.00	0.20	0.02	0.21	1.03	101	200	SCL 2400	0.4	20.75	0.66	4.97	
<b>Hemlock Street Collector</b>																						
Hemlock Street	3333	3330	32	76.8	151.2	4.19	2.49	0.00	0.00	0.00	2.42	0.29	0.60	3.09	275	200	CL 2400	0.57	24.77	0.79	12.49	from Woodlands Crescent Collector
Hemlock Street	3330	3306	0	0	151.2	4.19	2.49	0.00	0.00	0.00	0.00	0.00	0.60	3.09	89	200	CL 2400	3.63	62.50	1.99	4.95	
<b>Woodland Crescent System</b>																						
Woodland Crescent	3306	3305	0	0	348	4.05	5.55	0.00	0.00	0.00	0.00	0.00	1.31	6.85	91	200	CL 2400	2.05	46.97	1.50	14.59	Branch Collector Hemlock Street
<b>Spruce Street Collector</b>																						
Spruce Street	3350	3334	22	52.8	52.8	4.31	0.90	0.00	0.00	0.00	1.62	0.19	0.19	1.09	237	200	CL 2400	0.59	25.20	0.80	4.33	
<b>Woodland Crescent System</b>																						
Woodland Crescent	3334	3333	9	21.6	74.4	4.28	1.25	0.00	0.00	0.00	0.97	0.12	0.31	1.56	90	200	CL 2400	1.03	33.29	1.06	4.69	Branch Collector from Spruce St.
Woodland Crescent	3307	3306	7	16.8	196.8	4.15	3.21	0.00	0.00	0.00	0.22	0.03	0.70	3.92	90	200	CL 2400	3.72	63.27	2.01	6.19	Branch Collector from Spruce St.
<b>Spruce Street System</b>																						
Spruce Street	3350	3307	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	0.54	0.06	0.06	0.40	92	200	CL 2400	2.67	53.60	1.71	0.74	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION Res. units by section	Pop. per section	Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS Individual Q(i) (L/s)	Cumulative (L/s)	PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS Size of Pipe (mm)	Type of Pipe	Slope (%)	PIPE DESIGN Capacity n = 0.013 (L/s)	Full Flow Velocity (m/s)	PERCENTAGE OF UTILIZATION	REMARKS
<b>Woodlands Crescent Collector</b>																						
Woodlands Crescent	3308	3307	2	4.8	160.8	4.18	2.65	0.00	0.00	0.00	0.22	0.03	0.61	3.26	90	200	CL 2400	0.4	20.75	0.66	15.71	Branch Collector from Oak St.
<b>Oak Street System</b>																						
Oak Avenue	3372	3308	28	67.2	67.2	4.29	1.13	0.00	0.00	0.00	2.02	0.24	0.24	1.38	329	200	PVC SDR 35	0.5	23.20	0.74	5.93	
<b>Woodlands Crescent Collector</b>																						
Woodlands Crescent	3313	3309	36	86.4	86.4	4.26	1.45	0.00	0.00	0.00	2.77	0.33	0.33	1.78	337	200	PVC SDR 35	0.4	20.75	0.66	8.58	
Woodland Crescent	3309	3308	1	2.4	88.8	4.26	1.49	0.00	0.00	0.00	0.10	0.01	0.34	1.83	84	200	PVC SDR 35	0.4	20.75	0.66	8.83	
<b>Murphy Road System</b>																						
Murphy Road	3411	3409	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	1.90	0.23	0.23	0.72	88	200	SCL 2400	0.4	20.75	0.66	3.48	
<b>Doran Road Collector</b>																						
Doran Road	3161	1046	2	4.8	4.8	4.44	0.08	0.60	0.60	0.21	0.15	0.02	0.02	0.31	86	200	SCL 2400	0.4	20.75	0.66	1.50	
Radtke lands (partial)			250	600	604.8	3.93	9.35	0.00	0.00	0.00	20.00	2.40	2.42	11.77		200	SCL 2400	0.5	23.20	0.74	50.75	option of 250 lots draining in this direction
Doran Road	3409	3406	36	86.4	720	3.89	11.01	0.00	0.00	0.00	2.93	0.35	3.00	14.01	264	200	SCL 2400	0.4	20.75	0.66	67.54	
Doran Road	3406	3405	0	0	720	3.89	11.01	0.00	0.00	0.00	0.00	0.00	3.00	14.01	124	200	SCL 2400	6.28	82.21	2.62	17.04	
Doran Road	3405	3404	0	0	720	3.89	11.01	0.00	0.00	0.00	0.00	0.00	3.00	14.01	14	200	SCL 2400	0.4	20.75	0.66	67.54	
Doran Road	3404	3401	23	55.2	775.2	3.87	11.80	0.00	0.00	0.00	2.08	0.25	3.25	15.05	269	200	SCL 2400	1.96	45.93	1.46	32.77	
Doran Road	3401	3400	3	7.2	782.4	3.87	11.90	0.00	0.00	0.00	0.20	0.02	3.27	15.17	76	200	SCL 2400	0.89	30.95	0.99	49.03	
Doran Road	3400	1046	13	31.2	813.6	3.86	12.35	0.00	0.00	0.00	0.98	0.12	3.39	15.73	111	200	SCL 2400	0.64	26.24	0.84	59.95	
<b>Hilda Street System</b>																						
Hilda Street	3153	3151	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	0.98	0.12	0.12	0.57	61	200	SCL 2400	0.4	20.75	0.66	2.75	
<b>Doran Road Collector</b>																						
Doran Road	3151	1047	2	4.8	31.2	4.35	0.53	0.93	0.93	0.32	0.15	0.02	0.14	0.99	82	200	SCL 2400	0.37	19.95	0.64	4.98	
<b>Mary Street Collector</b>																						
Mary Street	3227	3226	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	0.78	0.09	0.09	0.38	84	200	SCL 2400	0.4	20.75	0.66	1.85	to Edith Street Collector
Mary Street	3226	3223	22	52.8	69.6	4.28	1.17	0.00	0.00	0.00	1.77	0.21	0.31	1.48	86	200	SCL 2400	2.04	46.86	1.49	3.16	Start
Mary Street	3223	3221	19	45.6	115.2	4.23	1.92	0.00	0.00	0.00	1.57	0.19	0.49	2.41	85	200	SCL 2400	0.96	32.14	1.02	7.50	
Mary Street	3221	3200	10	24	139.2	4.20	2.30	0.00	0.00	0.00	0.75	0.09	0.58	2.89	82	200	SCL 2400	0.95	31.97	1.02	9.03	
Mary Street	3200	1045	10	24	436.8	4.00	6.88	0.00	2.56	0.89	0.75	0.09	2.09	9.86	131	200	SCL 2400	0.6	25.41	0.81	38.81	Branch Collector Laura Street
Mary Street	3260	1045	3	7.2	7.2	4.43	0.13	0.00	0.00	0.00	0.28	0.03	0.03	0.16	50	200	SCL 2400	0.4	20.75	0.66	0.77	Start
<b>Laura Street Collector</b>																						
Laura Street	3201	3200	0	0	273.6	4.10	4.41	0.00	2.56	0.89	1.28	0.15	1.42	6.72	78	200	SCL 2400	0.4	20.75	0.66	32.37	Murry Street Collector Branch Collector John Street
<b>John Street Collector</b>																						
John Street	3203	3201	12	28.8	259.2	4.10	4.19	0.00	2.56	0.89	0.77	0.09	1.18	6.25	68	200	SCL 2400	0.48	22.73	0.72	27.51	to Laura Street Collector
<b>Norman Street System</b>																						
Norman Street	3270	3204	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	0.47	0.06	0.06	0.55	105	200	SCL 2400	0.4	20.75	0.66	2.65	to John Street Collector
Norman Street	3204	3203	0	0	230.4	4.13	3.74	0.00	2.56	0.89	0.00	0.00	1.08	5.71	28	200	SCL 2400	0.4	20.75	0.66	27.54	Start Branch Collector John Street
<b>John Street Collector</b>																						
John Street	3252	3209	18	43.2	43.2	4.33	0.74	0.00	0.00	0.00	2.12	0.25	0.25	0.99	68	200	SCL 2400	1.08	34.09	1.09	2.90	to Laura Street Collector
John Street	3209	3206	17	40.8	136.8	4.20	2.26	0.00	0.00	0.00	1.69	0.20	0.75	3.01	93	200	SCL 2400	1.1	34.41	1.10	8.76	
John Street	3206	3204	17	40.8	201.6	4.15	3.29	0.00	2.56	0.89	1.56	0.19	1.03	5.21	83	200	SCL 2400	0.4	20.75	0.66	25.10	
John Street	3230	3201	6	14.4	14.4	4.40	0.25	0.00	0.00	0.00	0.72	0.09	0.09	0.34	80	200	SCL 2400	0.4	20.75	0.66	1.62	Start
<b>Herman Street System</b>																						
Herman Street	3241	3240	9	21.6	21.6	4.38	0.37	2.56	2.56	0.89	0.70	0.08	0.08	1.34	65	200	SCL 2400	0.4	20.75	0.66	6.48	Start
Herman Street	3240	3206	1	2.4	24	4.37	0.41	0.00	2.56	0.89	0.06	0.01	0.09	1.39	88	200	SCL 2400	0.4	20.75	0.66	6.71	to John Street Collector
<b>Roy Street System</b>																						
Roy Street	3212	3211	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	1.28	0.15	0.15	0.69	111	200	ACCL 2400	2.9	55.87	1.78	1.23	Start
Roy Street	3211	3210	6	14.4	45.6	4.32	0.78	0.00	0.00	0.00	0.76	0.09	0.24	1.02	84	200	ACCL 2400	0.4	20.75	0.66	4.92	
Roy Street	3210	3209	3	7.2	52.8	4.31	0.90	0.00	0.00	0.00	0.40	0.05	0.29	1.19	82	200	ACCL 2400	0.4	20.75	0.66	5.73	



**APPENDIX J**

**SANITARY SEWER MODEL  
PROPOSED UPGRADES**

Where: q = Average daily per capita flow (L/capita/d)  
 I = Unit of peak extraneous flow (L/ha/s)  
 M = Peaking factor  
 Q(p) = Peak population flow (L/s)  
 Q(i) = Peak extraneous flow (L/s)

Formulas: Q(d) = Q(p) + peak ext. cum. flow (L/s)  
 Q(i) = I x pipe size(pipe length/1000)(L/s)  
 M(p) = cum. pop ln x q(M/86400) (L/s)  
 Q(d) = Q(p) + peak ext. cum. flow (L/s)  
 M = 1 + 14/(SQRT(cum. pop ln/1000))+4

### Scenario 5 - Proposed upgrades

**INCLUDES - LIMESTONE 3 & 4 & Commercial**      Petawawa Town Center - Towns & Commercial  
**HIGHLAND - 3B 4, & 5**      Radcliffe lands  
**BRIARWOOD PHASE 3**      Edmond - Portage Road  
**THE FOREST - PHASE 3 & 4**      Laurentian Highlands 2A, 2B & 2C  
**VEREYKEN**      Hoffman Victoria Street  
**LAURENTIAN HIGHLANDS - Phases 1A & 1B**      2 Schools  
 Maximize flow to Harry St. PS.

Upgraded pipes noted in red

Values: q = 340 L/c/d  
 Persons/unit = 2.4  
 I = 0.12 L/s/ha  
 ICI Peaking Factor = 3  
 ICI Flow Rate = 10000 L/ha/day  
 = 0.1157407 L/s/ha

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	Res. units by section	POPULATION Pop. per section	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Res. Area (ha.)	EXTRANEUS FLOWS Individual Q(i) (L/s)	Cumulative (L/s)	PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS Size of Pipe (mm) Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)	PERCENTAGE OF UTILIZATION	REMARKS
<b>Victoria Street Trunk</b>																				
Victoria Street	2607	2606	0	0	4.50	0.00	0.22	0.22	0.08	0.00	0.00	0.00	0.08	81	200 SCL 2400	0.4	20.75	0.66	0.37	Start
Victoria Street	2606	2605	4	9.6	4.42	0.17	0.59	0.81	0.28	0.45	0.05	0.05	0.50	77	200 SCL 2400	0.4	20.75	0.66	2.42	
Victoria Street	2605	2604	0	0	4.8	0.82	0.00	1.07	0.37	0.00	0.00	0.20	1.39	37	200 SCL 2400	0.4	20.75	0.66	6.68	Branch Collector Willard Street
Victoria Street	2604	2601	14	33.6	81.6	4.27	1.37	1.07	0.37	1.13	0.14	0.33	2.08	221	200 SCL 2400	0.4	20.75	0.66	10.01	Includes Hoffman Subdivision
Victoria Street	2601	1032	0	0	115.2	4.23	1.92	1.07	0.37	0.00	0.00	0.47	2.76	141	200 SCL 3300	0.4	20.75	0.66	13.30	Branch Collector Ethel Street
<b>Victoria Street Trunk</b>																				
Victoria Street	1032	1031	3	7.2	4135.2	3.32	54.03	23.75	8.25	0.60	0.07	17.09	79.37	53	400 SCL 4000	0.16	83.32	0.66	95.26	Branch Collector Violet Street
Victoria Street	1031	1030	0	0	4135.2	3.32	54.03	24.11	8.37	0.00	0.00	17.09	79.49	107	400 SCL 5000	0.16	83.32	0.66	95.41	
Victoria Street	1030	1029	0	0	4135.2	3.32	54.03	24.50	8.51	0.00	0.00	17.09	79.63	79	400 SCL 5000	0.16	83.32	0.66	95.57	
Victoria Street	1029	1028	0	0	4135.2	3.32	54.03	24.50	8.51	0.00	0.00	17.09	79.63	37	400 SCL 5000	0.16	83.32	0.66	95.57	
Victoria Street	1028	1027	0	0	7812	3.06	94.08	33.95	11.79	0.00	0.00	27.07	132.94	104.4	600 PVC DR35	1.90	846.56	2.99	15.70	Branch Collector Wolfe Avenue
Victoria Street	1027	1026	0	0	7812	3.06	94.08	33.95	11.79	0.00	0.00	27.07	132.94	34.7	600 PVC DR35	1.90	846.56	2.99	15.70	
Victoria Street	1026	1025	0	0	7812	3.06	94.08	33.95	11.79	0.00	0.00	27.07	132.94	59.5	600 PVC DR35	1.90	846.56	2.99	15.70	
Victoria Street	1025	1024	0	0	7812	3.06	94.08	33.95	11.79	0.00	0.00	27.07	132.94	54.6	600 PVC DR35	1.90	846.56	2.99	15.70	Branch Collector Vermont Meadows
Victoria Street	1024	1023	75	180	7992	3.05	95.94	33.95	11.79	0.00	0.49	27.56	135.29	18.2	600 PVC DR35	1.90	846.56	2.99	15.98	Branch Collector Armstrong Road
Victoria Street	1023	1022	2	4.8	8013.6	3.05	96.17	33.95	11.79	0.67	0.08	27.83	135.78	27	600 PVC DR35	1.90	846.56	2.99	16.04	
Victoria Street	1022	1021	0	0	8013.6	3.05	96.17	33.95	11.79	0.00	0.00	27.83	135.78	45.3	600 PVC DR35	1.90	846.56	2.99	16.04	
Victoria Street	1021	1020	6	14.4	8028	3.05	96.32	33.95	11.79	1.24	0.15	27.98	136.08	50.7	600 PVC DR35	1.90	846.56	2.99	16.07	
Victoria Street	1020	1019	8	19.2	8109.6	3.04	97.16	33.95	11.79	1.25	0.15	28.80	137.75	122.9	600 PVC DR35	1.90	846.56	2.99	16.27	
Victoria Street	1019	1018	3	7.2	8116.8	3.04	97.23	33.95	11.79	0.34	0.04	28.84	137.86	30.1	675 PVC DR35	0.10	265.88	0.74	51.85	Branch Collector Armstrong Road
Victoria Street	1018	1017	4	9.6	8126.4	3.04	97.33	33.95	11.79	0.47	0.06	28.90	138.02	99.8	675 PVC DR35	0.10	265.88	0.74	51.91	
Victoria Street	1017	1016	6	14.4	8140.8	3.04	97.48	33.95	11.79	0.57	0.07	28.97	138.24	73.5	675 PVC DR35	0.10	265.88	0.74	51.99	
Victoria Street	1016	1015	9	21.6	8162.4	3.04	97.70	33.95	11.79	0.68	0.08	29.05	138.54	83.6	675 PVC DR35	0.10	265.88	0.74	52.11	
Victoria Street	1015	1014	6	14.4	8176.8	3.04	97.85	33.95	11.79	0.85	0.10	29.15	138.79	86.1	675 PVC DR35	0.10	265.88	0.74	52.20	
Victoria Street	1014	1013	16	38.4	8215.2	3.04	98.24	33.95	11.79	5.10	0.61	29.76	139.80	67.7	675 PVC DR35	0.10	265.88	0.74	52.58	Branch Collector Armstrong Road
Victoria Street	1013	1012A	4	9.6	8224.8	3.04	98.34	33.95	11.79	0.42	0.05	29.81	139.95	84	450 AC Sewer	0.125	100.82	0.63		
(Twinned Pipe)																				
Victoria Street	1012A	1011A	3	7.2	8232	3.04	98.42	33.95	11.79	0.80	0.10	29.91	140.12	101	525 PVC DR35	0.125	152.09	0.70	31.56	
(Twinned Pipe)																				
<b>FLOW FROM CFB PETAWAWA</b>				4135.2			150.00			110.00										
Victoria Street	1011A	1010A	0	0	12367.2	2.86	139.31	183.95	63.87	0.00	0.00	43.11	246.29	106	675 RCPipe(C76)	0.125	297.27	0.83	44.26	Branch Collector North Townsite
(Twinned Pipe)																				
Victoria Street	1010	1009	0	0	12367.2	2.86	139.31	183.95	63.87	0.00	0.00	43.11	246.29	12	675 RCPipe(C76)	0.125	297.27	0.83		
(Twinned Pipe)																				
Victoria Street	1009	1008	6	14.4	14128.8	2.80	155.92	231.6	80.42	1.03	0.12	49.94	286.28	109	675 RCPipe(C76)	0.09	252.24	0.70	41.43	Branch Collector Laurentian Drive
(Twinned Pipe)																				
Victoria Street	1008	1007	1	2.4	14131.2	2.80	155.95	231.60	80.42	0.23	0.03	49.97	286.33	123	675 RCPipe(C76)	0.09	252.24	0.70	56.75	
(Twinned Pipe)																				
Victoria Street	1007	1006	1	2.4	14390.4	2.80	158.36	231.6	80.42	0.13	0.02	51.42	290.19	91	675 RCPipe(C76)	0.09	252.24	0.70	56.76	Branch Collector East Street
(Twinned Pipe)																				
Victoria Street	1006	1005	0	0	14390.4	2.80	158.36	231.60	80.42	0.00	0.00	51.42	290.19	49	675 RCPipe(C76)	0.09	252.24	0.70	57.52	Branch Collector East Street
(Twinned Pipe)																				
Victoria Street	1005	1004	0	0	14390.4	2.80	158.36	231.60	80.42	0.00	0.00	51.42	290.19	84	675 RCPipe(C76)	0.09	252.24	0.70	57.52	
(Twinned Pipe)																				
Victoria Street	1004	1003	0	0	14604	2.79	160.34	231.6	80.42	0.00	0.00	52.52	293.28	52	675 RCPipe(C76)	0.09	252.24	0.70	58.13	Branch Collector Jan Drive
(Twinned Pipe)																				
Victoria Street	1003	1002	0	0	14604	2.79	160.34	231.60	80.42	0.00	0.00	52.52	293.28	69	675 RCPipe(C76)	0.09	252.24	0.70	58.13	
(Twinned Pipe)																				
Victoria Street	1002	1001	0	0	14604	2.79	160.34	231.60	80.42	0.00	0.00	52.52	293.28	34	675 RCPipe(C76)	0.09	252.24	0.70	58.13	
(Twinned Pipe)																				
Victoria Street	1001	1000	0	0	14604	2.79	160.34	231.60	80.42	0.00	0.00	52.52	293.28	83	675 RCPipe(C76)	0.09	252.24	0.70	58.13	Sewage Plant (start)
(Twinned Pipe)																				
<b>Laurentian Drive Collector</b>																				
Renfrew St. PS	2205	2204	0	0	1747.2	3.63	24.96	47.65	16.55	0.00	0.00	6.71	48.22							
Laurentian Drive	2204	2203	0	0	1747.2	3.63	24.96	47.65	16.55	0.00	0.00	6.71	48.22	1718	200 PVC Class 150	0.09	60.00	1.91	80.36	Forcemain
Laurentian Drive	2203	2202	0	0	1747.2	3.63	24.96	47.65	16.55	0.00	0.00	6.71	48.22	110	200 PVC DR35	6.32	82.47	2.63	58.47	



APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	Res. units by section	POPULATION Pop. per section	PEAKING Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Res. Area (ha.)	EXTRANEOUS FLOWS Individual Q(i) (L/s)	Cumulative (L/s)	PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)	PERCENTAGE OF UTILIZATION	REMARKS
<b>Laurentian Drive Collector</b>																						
Laurentian Drive	2202	2201	0	0	1747.2	3.63	24.96	0.00	47.65	16.55	0.00	0.00	6.71	48.22	110	200	PVC DR35	8	92.79	2.95	51.97	
Laurentian Drive	2201	2200	0	0	1747.2	3.63	24.96	0.00	47.65	16.55	0.00	0.00	6.71	48.22	113	200	PVC DR35	7.5	89.84	2.86	53.67	
Laurentian Drive	2200	1009	0	0	1747.2	3.63	24.96	0.00	47.65	16.55	0.00	0.00	6.71	48.22	55	200	PVC DR35	3.25	59.14	1.88	81.53	
<b>Jan Drive System</b>																						
Jan Drive	2105	2104	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	0.60	0.07	0.07	0.40	77	200	San.	0.5	23.20	0.74	1.74	to Edward Street Collector
Jan Drive	2104	2102	14	33.6	52.8	4.31	0.90	0.00	0.00	0.00	0.79	0.09	0.17	1.06	170	200	San.	0.5	23.20	0.74	4.58	Start
<b>Edward Street Collector</b>																						
Edward Street	2160	2102	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	0.51	0.06	0.06	0.35	50	200	San.	0.98	32.48	1.03	1.08	to Victoria Street Trunk
Edward Street	2102	2101	0	0	69.6	4.28	1.17	0.00	0.00	0.00	0.00	0.00	0.228	1.40	80	200	San.	1.9	45.22	1.44	3.10	Start
Edward Street	2101	2391	0	0	165.6	4.18	2.72	0.00	0.00	0.00	0.00	0.00	0.81	3.53	13	200	San.	0.46	22.25	0.71	15.86	Branch Collector Jan Drive
Edward Street	2391	2100	20	48	213.6	4.14	3.48	0.00	0.00	0.00	2.49	0.30	1.11	4.58	13	200	San.	0.46	22.25	0.71	20.60	Branch Collector Earl Street
<b>Earl Street System</b>																						
Earl Street	2172	2171	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.87	0.22	0.22	0.80	118	200	San.	0.4	20.75	0.66	3.85	Start
Earl Street	2171	2101	11	26.4	60	4.30	1.01	0.00	0.00	0.00	1.46	0.18	0.40	1.41	141	200	San.	0.4	20.75	0.66	6.82	Branch Collector Bayshore
Earl Street	2152	2101	15	36	36	4.34	0.62	0.00	0.00	0.00	1.50	0.18	0.18	0.80	150	200	San.	1.35	38.12	1.21	2.09	to Victoria Street Trunk
<b>Edward Street Collector</b>																						
Edward Street	2100	1004	0	0	213.6	4.14	3.48	0.00	0.00	0.00	0.00	0.00	1.11	4.58	347	100	160 PVC	0	6.00	0.76	76.40	Forcemain
<b>Albert Street Branch</b>																						
Albert Street	2309	2307	17	40.8	40.8	4.33	0.70	0.00	0.00	0.00	2.13	0.26	0.26	0.95	198	200	SCL 2400	0.4	20.75	0.66	4.58	to Alice Street Collector
Albert Street	2307	2306	6	14.4	55.2	4.31	0.94	0.00	0.00	0.00	0.40	0.05	0.30	1.24	122	200	SCL 2400	0.4	20.75	0.66	5.97	Start
Albert Street	2306	2305	3	7.2	62.4	4.29	1.05	0.00	0.00	0.00	0.32	0.04	0.34	1.40	106	200	SCL 2400	0.4	20.75	0.66	6.73	Branch Collector Earl Street
Albert Street	2380	2305	3	7.2	7.2	4.43	0.13	0.00	0.00	0.00	0.59	0.07	0.07	0.20	61	200	SCL 2400	0.4	20.75	0.66	0.95	Start
<b>Alice Street Collector</b>																						
Alice Street	2305	2304	5	12	81.6	4.27	1.37	0.00	0.00	0.00	0.41	0.05	0.46	1.83	108	200	SCL 3300	0.4	20.75	0.66	8.83	to East Street Collector
Alice Street	2304	2303	11	26.4	108	4.23	1.80	0.00	0.00	0.00	1.26	0.15	0.61	2.41	101	200	SCL 3300	0.4	20.75	0.66	11.63	Branch Collector Albert Street
<b>Point Crescent System</b>																						
Point Crescent	2371	2370	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	0.82	0.10	0.10	0.59	96	200	ACCL 2400	0.4	20.75	0.66	2.85	to East Street Collector
Point Crescent	2370	2351	9	21.6	50.4	4.31	0.86	0.00	0.00	0.00	0.74	0.09	0.19	1.04	125	200	ACCL 2400	0.4	20.75	0.66	5.03	Start
<b>Edward Street System</b>																						
Edward Street	2360	2353	9	21.6	21.6	4.38	0.37	0.00	0.00	0.00	1.56	0.19	0.19	0.56	70	200	ACCL 2400	1	32.81	1.04	1.70	to East Street Collector
<b>East Street Collector</b>																						
East Street	2390	2353	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	1.09	0.13	0.13	0.46	85	200	SCL 2400	0.4	20.75	0.66	2.23	to Victoria Street Trunk
East Street	2353	2351	7	16.8	57.6	4.30	0.98	0.00	0.00	0.00	0.86	0.10	0.42	1.40	122	200	SCL 2400	0.4	20.75	0.66	6.73	Start
East Street	2351	2303	5	12	120	4.22	1.99	0.00	0.00	0.00	0.68	0.08	0.69	2.68	112	200	SCL 2400	0.4	20.75	0.66	12.93	Branch Collector Edward Street
East Street	2303	2302	2	4.8	232.8	4.12	3.78	0.00	0.00	0.00	0.15	0.02	1.32	5.10	21	200	SCL 3300	0.4	20.75	0.66	24.57	Branch Collector Alice Street
East Street	2302	2301	0	0	232.8	4.12	3.78	0.00	0.00	0.00	0.00	0.00	1.32	5.10	19	200	SCL 3300	0.4	20.75	0.66	24.57	Start
East Street	2301	2300	0	0	232.8	4.12	3.78	0.00	0.00	0.00	0.00	0.00	1.32	5.10	381	100	CL 380	0.16	5.68	0.72	89.80	Forcemain
East Street	2300	1007	10	24	256.8	4.11	4.15	0.00	0.00	0.00	0.90	0.11	1.43	5.58	119	200	SCL 2400	0.4	20.75	0.66	26.89	Branch Collector Alfred Street
<b>North Townsite</b>																						
Northern Interceptor	Pet.River	9000	1723	4135.2	4135.2	3.32	54.03	150.00	150.00	52.08	110.00	13.20	13.20	119.31	47	610	AC Class II	0.1	202.97	0.69	58.79	to Victoria Street Trunk
Northern Interceptor	9000	1011	0	0	4135.2	3.32	54.03	0.00	150.00	52.08	0.00	0.00	13.20	119.31	84	610	AC Class II	0.1	202.97	0.69	58.79	(Start) North CFB
<b>Armstrong Road Collector</b>																						
Armstrong Road	2406	2402	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	3.60	0.43	0.43	0.89	171	200	SCL 2400	0.43	21.51	0.68	4.12	to Victoria Street Trunk
Armstrong Road	2402	1014	4	9.6	36	4.34	0.62	0.00	0.00	0.00	1.08	0.13	0.56	1.18	109	200	SCL 2400	7.23	88.21	2.18	1.33	Start
Armstrong Road	2462	2461	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	1.99	0.24	0.24	0.53	33	200	SCL 2400	0.32	18.56	0.59	2.85	Branch Collector
Armstrong Road	2461	2452	10	24	40.8	4.33	0.70	0.00	0.00	0.00	2.13	0.26	0.49	1.19	189	200	SCL 2400	0.28	17.36	0.55	6.85	Start
Armstrong Road	2455	2452	9	21.6	21.6	4.38	0.37	0.00	0.00	0.00	1.51	0.18	0.18	0.55	144	200	SCL 2400	0.25	16.40	0.52	3.37	Start
Armstrong Road	2452	1019	0	0	62.4	4.29	1.05	0.00	0.00	0.00	0.00	0.00	0.68	1.73	152	200	SCL 2400	7.2	88.03	2.80	1.97	Branch Collector Easement
Armstrong Road	2470	1023	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	1.57	0.19	0.19	0.48	94	200	SCL 2400	0.39	20.49	0.65	2.34	Start
<b>Wolfe Avenue Collector</b>																						
South Townsite	to	8001	757	1816.8	1816.8	3.62	25.87	0.00	0.00	0.00	35.00	4.20	4.20	30.07								Population based on MPAC data
Wolfe Avenue	8001	8000	0	0	1816.8	3.62	25.87	0.00	0.00	0.00	1.80	0.22	4.42	30.28	104	300	AC Sewer	0.5	68.39	0.97	44.28	Branch Collector
Wolfe Avenue	8000	1028	0	0	1816.8	3.62	25.87	2.80	2.80	0.97	0.00	0.00	4.42	31.25	113	300	AC Sewer	0.25	48.36	0.68	64.63	apartment buildings
<b>Violet Street Trunk</b>																						
Violet Street	1036	1035	6	14.4	3914.4	3.34	51.48	0.00	18.57	6.45	0.42	0.05	16.09	74.01	94	400	SCL 5000	0.16	83.32	0.66	88.83	Branch Collector Mohns Avenue
Violet Street	1035	1032	11	26.4	4012.8	3.33	52.62	0.00	21.68	7.53	1.13	0.14	16.55	76.69	203	400	SCL 5000	0.16	83.32	0.66	92.04	Branch Collector Mohns Avenue

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cumulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	PIPE SPECIFICATIONS				PIPE DESIGN		PERCENTAGE OF UTILIZATION	REMARKS
			Res. units by section	Pop. per section								Individual Q(i) (L/s)	Cumulative (L/s)		Length of Pipe (m)	Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)		
<b>Vereyken Crescent Collector</b>																						
Vereyken Crescent	3527	3526	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	0.58	0.07	0.07	0.40	65	200	PVC DR 35	0.4	20.75	0.66	1.93	to Wilbert Street Collector
Vereyken Crescent	3526	3525	32	76.8	96	4.25	1.60	0.00	0.00	0.00	0.58	0.07	0.14	1.74	38	200	PVC DR 35	0.4	20.75	0.66	8.41	Start
Vereyken Crescent	3525	3522	38	91.2	187.2	4.16	3.06	1.66	1.66	0.58	0.86	0.10	0.24	3.88	187	200	PVC DR 35	0.4	20.75	0.66	18.71	
Vereyken Crescent	3522	3521	23	55.2	242.4	4.12	3.93	0.00	1.66	0.58	0.57	0.07	0.31	4.81	31	300	SCL 3300	0.06	23.69	0.34	20.32	
Vereyken Crescent	3521	3507	8	19.2	328.8	4.06	5.25	0.00	1.66	0.58	0.52	0.06	0.60	6.43	99	300	SCL 3300	0.25	48.36	0.68	13.30	
Vereyken Crescent	3527	3531	6	14.4	14.4	4.40	0.25	0.00	0.00	0.00	0.50	0.06	0.06	0.31	126	200	PVC DR 35	0.4	20.75	0.66	1.49	Start
Vereyken Crescent	3533	3531	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	0.76	0.09	0.09	0.63	94	200	PVC DR 35	0.4	20.75	0.66	3.01	Start
Vereyken Crescent	3531	3530	9	21.6	67.2	4.29	1.13	0.00	0.00	0.00	0.64	0.08	0.23	1.36	90	200	PVC DR 35	0.4	20.75	0.66	6.56	Branch Collector Vereyken Crescent
Vereyken Crescent	3530	3521	0	0	67.2	4.29	1.13	0.00	0.00	0.00	0.00	0.00	0.23	1.36	40	200	PVC DR 35	0.4	20.75	0.66	6.56	
<b>Wilbert Street Collector</b>																						
Wilbert Street	3507	3505	9	21.6	1348.8	3.71	19.70	0.00	4.77	1.66	0.84	0.10	5.39	26.75	100	300	SCL 3300	0.25	48.36	0.68	55.31	to Violet Street Trunk
Wilbert Street	3505	3503	9	21.6	1370.4	3.71	19.99	0.00	4.77	1.66	0.95	0.11	5.50	27.15	139	300	SCL 4000	0.25	48.36	0.68	56.15	Branch Collector Dundonald Drive
Wilbert to Violet St	3503	1037	0	0	1370.4	3.71	19.99	0.00	4.77	1.66	0.00	0.00	5.50	27.15	309	300	SCL 4000	0.25	48.36	0.68	56.15	
Wilbert to Violet St	1037	1036	0	0	3900	3.34	51.31	0.00	18.57	6.45	0.00	0.00	16.04	73.80	69	400	SCL 5000	0.16	83.32	0.66	88.57	Branch Collector Maple Avenue
<b>Dundonald Drive Collector</b>																						
Herman to Cord 51	3510	3509	0	0	998.4	3.80	14.93	0.00	0.00	0.00	0.00	0.00	4.69	19.62	47	200	ACCL 3300	0.82	29.71	0.95	66.04	to Wilbert Street Collector
Cord 51 Cord 51	3509	3508	0	0	998.4	3.80	14.93	0.00	0.00	0.00	0.00	0.00	4.69	19.62	23	200	PVC SDR 35	2	46.39	1.48	42.29	Branch Collector Herman Street
Dundonald to Wilbert	3508	3507	0	0	998.4	3.80	14.93	0.00	3.11	1.08	0.00	0.00	4.69	20.70	95.2	250	PVC SDR 35	0.28	31.47	0.64	65.76	to Dundonald Drive Collector
<b>Herman Street System</b>																						
Eastway -Phase 1&2A Murphy Road	ext.	4000	212 95	508.8 228	508.8 736.8	3.97 3.88	7.95 11.25	0.00 0.00	0.00 0.00	0.00 0.00	24.22 5.54	2.91 0.66	2.91 3.57	10.86 14.83		200 200	PVC SDR 35 PVC SDR 35	2 0.5	46.39 23.20	1.48 0.74	23.40 63.91	Laurentian Highlands - Phase 1 & 2A Includes flow for The Forest Subdivision (87 lots) and 8 lots along Murphy Road
Herman Street	4000	3542	4	9.6	746.4	3.88	11.39	0.00	0.00	0.00	0.48	0.06	3.63	15.02		200	ACCL 2400	0.4	20.75	0.66	72.39	
Herman Street	3542	3541	5	12	811.2	3.86	12.31	0.00	0.00	0.00	0.48	0.06	3.91	16.22	104	200	ACCL 2400	0.4	20.75	0.66	78.17	Branch Collector Laroche Crescent
Herman Street	3541	3510	25	60	871.2	3.84	13.16	0.00	0.00	0.00	1.94	0.23	4.14	17.30	101	200	ACCL 2400	0.4	20.75	0.66	83.36	
Herman Street	3561	3511	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.13	0.14	0.14	0.71	141	200	ACCL 2400	0.6	25.41	0.81	2.80	Start
Herman Street	3511	3510	0	0	127.2	4.21	2.11	0.00	0.00	0.00	0.00	0.00	0.55	2.66	24	200	ACCL 2400	0.4	20.75	0.66	12.81	Branch Collector Laroche Crescent
<b>Laroche Crescent System</b>																						
Laroche Crescent	3545	3542	22	52.8	52.8	4.31	0.90	0.00	0.00	0.00	1.83	0.22	0.22	1.12	242	200	ACCL 2400	0.4	20.75	0.66	5.37	to Herman Street Collector Start
<b>Laroche Crescent Collector</b>																						
Laroche Crescent	3516	3514	15	36	36	4.34	0.62	0.00	0.00	0.00	1.43	0.17	0.17	0.79	122	200	ACCL 2400	2	46.39	1.48	1.70	
Laroche Crescent	3514	3512	7	16.8	52.8	4.31	0.90	0.00	0.00	0.00	0.68	0.08	0.25	1.15	98	200	ACCL 2400	3.4	60.49	1.93	1.90	
Laroche Crescent	3512	3511	0	0	93.6	4.25	1.57	0.00	0.00	0.00	0.00	0.00	0.41	1.98	88	200	ACCL 2400	0.9	31.12	0.99	6.36	
<b>James Street System</b>																						
James Street	3551	3512	17	40.8	40.8	4.33	0.70	0.00	0.00	0.00	1.33	0.16	0.16	0.86	198	200	ACCL 2400	0.4	20.75	0.66	4.12	
<b>County Road 51 System</b>																						
Cord 51	3573	3508	0	0	0	4.50	0.00	1.84	1.84	0.64	0.00	0.00	0.00	0.64		200	SCL 2400	0.4	20.75	0.66	3.08	
Cord 51	3583	3508	0	0	0	4.50	0.00	1.27	1.27	0.44	0.00	0.00	0.00	0.44	293	200	SCL 2400	0.39	20.49	0.65	2.15	
<b>Mohms Avenue Collector</b>																						
Mohms Avenue	2753	1035	8	19.2	19.2	4.38	0.33	0.65	0.65	0.23	1.17	0.14	0.14	0.70	338	200	SCL 2400	0.4	20.75	0.66	3.36	
RRCSS to Mohms Ave.	2770	2703	0	0	52.8	4.31	0.90	1.59	1.59	0.55	0.00	0.00	0.18	1.63	86	200	SCL 2400	0.4	20.75	0.66	7.86	
Mohms Avenue	2704	2703	0	0	0	4.50	0.00	0.87	0.87	0.30	0.00	0.00	0.00	0.30	22	200	SCL 2400	0.4	20.75	0.66	1.46	
Mohms Avenue	2703	2701	7	16.8	16.8	4.39	0.29	0.00	2.46	0.85	0.50	0.06	0.06	1.20	181	200	SCL 2400	0.4	20.75	0.66	5.80	
Mohms Avenue	2701	2700	0	0	16.8	4.39	0.29	0.00	2.46	0.85	0.00	0.00	0.06	1.20	22	200	SCL 2400	0.4	20.75	0.66	5.80	
Mohms Avenue	2700	1035	4	9.6	52.8	4.31	0.90	0.00	2.46	0.85	0.31	0.04	0.18	1.93	94	200	SCL 2400	0.4	20.75	0.66	9.31	
<b>Ethel Street System</b>																						
Ethel Street	2760	2700	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	0.71	0.09	0.09	0.54	74	200	SCL 2400	1.04	33.45	1.06	1.61	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cumulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	PIPE SPECIFICATIONS			PIPE DESIGN		PERCENTAGE OF UTILIZATION	REMARKS	
			Res. units by section	Pop. per section								Individual Q(i) (L/s)	Cumulative (L/s)		Length of Pipe (m)	Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)			Full Flow Velocity (m/s)
<b>Ethel Street System</b>																						
Ethel Street	2651	2601	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.14	0.14	0.14	0.71	179	200	SCL 2400	0.4	20.75	0.66	3.43	
<b>Willard Street System</b>																						
Willard Street	2671	2605	16	38.4	38.4	4.34	0.66	0.26	0.26	0.09	1.21	0.15	0.15	0.89	185	200	SCL 2400	0.4	20.75	0.66	4.29	
<b>County Road 51 System</b>																						
Cord 51	3032	3003	0	0	0	4.50	0.00	1.17	1.17	0.41	0.00	0.00	0.00	0.41	159	200	SCL 2400	0.39	20.49	0.65	1.98	
<b>County Road 51 Collector</b>																						
Cord 51	3003	3002	0	0	9.6	4.42	0.17	0.00	5.06	1.76	0.00	0.00	0.04	1.97	34	300	SCL 2400	0.1	30.59	0.43	6.43	
Cord 51	3002	3001	0	0	9.6	4.42	0.17	0.00	5.06	1.76	0.00	0.00	0.04	1.97	86	300	SCL 2400	0.3	52.98	0.75	3.71	
Cord 51	3001	3000	0	0	9.6	4.42	0.17	0.00	5.06	1.76	0.00	0.00	0.04	1.97	101	300	SCL 3300	0.22	45.37	0.64	4.34	
Cord 51	3000	1043	0	0	9.6	4.42	0.17	1.40	6.46	2.24	0.00	0.00	0.04	2.45	81	300	SCL 3300	0.27	50.26	0.71	4.88	
<b>Maple Avenue Collector</b>																						
Maple Avenue	1043	1042	0	0	2452.8	3.52	33.93	0.00	11.85	4.11	0.00	0.00	10.05	48.10	54	400	SCL 4000	0.16	83.32	0.66	57.72	
Maple Avenue	1042	1040	11	26.4	2479.2	3.51	34.26	0.00	11.85	4.11	1.10	0.13	10.18	48.56	96	400	SCL 5000	0.16	83.32	0.66	58.27	
Maple Avenue	1040	1039	8	19.2	2498.4	3.51	34.50	0.00	11.85	4.11	0.60	0.07	10.26	48.87	72	400	SCL 5000	0.16	83.32	0.66	58.65	
Maple Avenue	1039	1038	0	0	2527.2	3.50	34.85	0.00	11.85	4.11	0.00	0.00	10.52	49.48	81	400	SCL 5000	0.16	83.32	0.66	59.39	
Maple to Violet St.	1038	1037	1	2.4	2529.6	3.50	34.88	1.95	13.80	4.79	0.16	0.02	10.54	50.21	106	400	SCL 5000	0.16	83.32	0.66	60.26	
<b>Pine Plce System</b>																						
Pine Plce	1060	1039	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	2.18	0.26	0.26	0.76	109	200	ACCL 2400	0.58	24.98	0.80	3.02	
<b>Mohns Avenue System</b>																						
Mohns Avenue	3021	3020	4	9.6	9.6	4.42	0.17	0.00	0.00	0.00	0.36	0.04	0.04	0.21	75	200	SCL 2400	0.4	20.75	0.66	1.01	
Mohns Avenue	3020	3003	0	0	9.6	4.42	0.17	0.69	0.69	0.24	0.00	0.00	0.04	0.45	85	200	SCL 2400	1.6	41.50	1.32	1.08	
<b>Violet Street Trunk</b>																						
Cord 51	3602	3601	0	0	0	4.50	0.00	0.54	0.54	0.19	0.00	0.00	0.00	0.19	129	200	SCL 2400	0.45	22.01	0.70	0.85	
Cord 51	3601	3600	0	0	0	4.50	0.00	0.76	1.30	0.45	0.00	0.00	0.00	0.45	91	200	SCL 2400	0.37	19.95	0.64	2.26	
Cord 51	3600	1043	0	0	0	4.50	0.00	0.00	1.30	0.45	0.00	0.00	0.00	0.45	101	200	SCL 2400	0.43	21.51	0.68	2.10	
<b>Harry Street System</b>																						
Harry Street	2907	2906	5	12	12	4.41	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.21	70	200	PVC	0.91	31.29	1.00	0.66	
<b>Algonquin Street Collector</b>																						
Algonquin Street	2906	2904	12	28.8	40.8	4.33	0.70	0.00	0.00	0.00	0.93	0.11	0.11	0.81	165	200	PVC	1.19	35.79	1.14	2.26	
Algonquin Street	2904	2902	6	14.4	55.2	4.31	0.94	0.00	0.00	0.00	0.50	0.06	0.17	1.11	33	200	PVC	5.45	76.58	2.44	1.45	
Algonquin Street	2902	2901	6	14.4	144	4.20	2.38	0.00	0.00	0.00	0.57	0.07	0.63	3.01	73	200	PVC	0.4	20.75	0.66	14.49	
Algonquin to Harry	2901	2900	0	0	144	4.20	2.38	0.00	0.00	0.00	0.00	0.00	0.63	3.01	106	200	PVC	0.4	20.75	0.66	14.49	
<b>Park Drive System</b>																						
Park Drive	2917	2914	18	43.2	43.2	4.33	0.74	0.00	0.00	0.00	1.98	0.24	0.24	0.97	78	200	PVC	2.22	48.88	1.56	1.99	
Park Drive	2914	2902	13	31.2	74.4	4.28	1.25	0.00	0.00	0.00	1.26	0.15	0.39	1.64		200	PVC	0.4	20.75	0.66	7.91	
<b>Harry Street Collector</b>																						
Harry Street	2925	2922	15	36	36	4.34	0.62	0.00	0.00	0.00	1.25	0.15	0.15	0.77	162	200	SCL 2400	0.4	20.75	0.66	3.69	
Harry Street	2922	2921	6	14.4	50.4	4.31	0.86	0.00	0.00	0.00	0.60	0.07	0.22	1.08	71	200	SCL 2400	0.4	20.75	0.66	5.19	
Harry Street	2921	2920	2	4.8	55.2	4.31	0.94	0.00	0.00	0.00	0.33	0.04	0.26	1.20	62	200	SCL 2400	9.5	101.11	3.22	1.18	
Harry Street	2920	2900	2	4.8	60	4.30	1.01	0.00	0.00	0.00	0.00	0.00	0.26	1.28	45	200	SCL 2400	0.4	20.75	0.66	6.15	
Harry Street	2900	2801	0	0	204	4.14	3.33	0.00	0.00	0.00	0.00	0.00	0.89	4.22	13	200	SCL 2400	0.4	20.75	0.66	20.33	
Harry Street	2801	P/S	0	0	1860	3.61	26.42	0.00	6.65	2.31	0.00	0.00	5.57	34.30	3	250	CL 2400	0.4	37.62	0.77	91.18	
Harry to Wolfe Ave.	P/S	1028	0	0	1860	3.61	26.42	0.00	6.65	2.31	0.00	0.00	5.57	34.30	602	250	PVC	0	27.76	0.57	123.57	
<b>County Road 51 Collector</b>																						
Cord 51	3006	3005	0	0	0	4.50	0.00	0.78	0.78	0.27	0.00	0.00	0.00	0.27	88	300	SCL 2400	1.65	124.24	1.76	0.22	
Cord 51	3005	3004	0	0	0	4.50	0.00	1.21	1.99	0.69	0.00	0.00	0.00	0.69	88	300	SCL 2400	0.31	53.85	0.76	1.28	
Cord 51	3004	3003	0	0	0	4.50	0.00	1.21	3.20	1.11	0.00	0.00	0.00	1.11	25	300	SCL 2400	0.52	69.75	0.99	1.59	
<b>County Road 51 System</b>																						
Cord 51	2842	2808	0	0	0	4.50	0.00	1.21	1.21	0.42	0.00	0.00	0.00	0.42	69	200	SCL 2400	2	46.39	0.58	0.91	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	PIPE SPECIFICATIONS				PIPE DESIGN		PERCENTAGE OF UTILIZATION	REMARKS
			Res. units by section	Pop. per section								Individual Q(i) (L/s)	Cumulative (L/s)		Length of Pipe (m)	Size of Pipe (mm)	Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)		
<b>County Road 51 Collector</b>																						
Cord 51	2808	2807	0	0	1656	3.65	23.77	1.52	3.60	1.25	0.00	0.00	4.68	29.70	102	300	PVC DR35	1.15	103.72	1.47	28.63	
Cord 51	2807	2806	0	0	1656	3.65	23.77	0.58	4.18	1.45	0.00	0.00	4.68	29.90	59	300	PVC DR35	0.26	49.32	0.70	60.63	
Cord 51	2806	2805	0	0	1656	3.65	23.77	0.00	4.18	1.45	0.00	0.00	4.68	29.90	72	200	SCL 2400	1.65	42.14	1.34	70.96	
Cord 51	2805	2804	0	0	1656	3.65	23.77	0.00	4.18	1.45	0.00	0.00	4.68	29.90	16	200	SCL 2400	2	46.39	1.48	64.45	
Cord 51	2804	2803	0	0	1656	3.65	23.77	0.00	6.65	2.31	0.00	0.00	4.68	30.76	8	200	SCL 3300	8	92.79	2.95	33.15	
Cord 51	2803	2802	0	0	1656	3.65	23.77	0.00	6.65	2.31	0.00	0.00	4.68	30.76	22	200	SCL 3300	8	92.79	2.95	33.15	
Cord 51	2802	2801	0	0	1656	3.65	23.77	0.00	6.65	2.31	0.00	0.00	4.68	30.76	74	250	SCL 2400	0.7	49.76	1.01	61.81	
<b>County Road 51 System</b>																						
Cord 51	2835	2833	0	0	0	4.50	0.00	1.57	1.57	0.55	0.00	0.00	0.00	0.55	200	SCL 2400	1.15	35.18	1.12	1.55		
Cord 51	2833	2804	0	0	0	4.50	0.00	0.90	2.47	0.86	0.00	0.00	0.00	0.86	200	SCL 2400	1.13	34.87	1.11	2.46		
<b>Portage Road Branch</b>																						
Portage Road	2851	2850	0	0	0	4.50	0.00	0.35	0.35	0.12	0.00	0.00	0.00	0.12	87	200	SCL 2400	0.96	32.14	1.02	0.38	
Portage Road	2850	2814	0	0	0	4.50	0.00	0.52	0.87	0.30	0.00	0.00	0.00	0.30	43	200	SCL 2400	3.4	60.49	1.93	0.50	
<b>Portage Road Collector</b>																						
			190	456																		
Edmonds lands	Fut	2827	135	324	780	3.87	11.87	0.00	0.00	0.00	10.90	1.31	1.31	13.18	200	PVC DR 35	0.4	20.75	0.66	63.51	Based on max. 325 additional houses allowable at Harry St. PS	
Portage Road	2827	2825	7	16.8	796.8	3.86	12.11	0.00	0.00	0.00	0.58	0.07	1.38	13.49	98	200	PVC DR 35	0.4	20.75	0.66	65.00	Future Edmonds - Portage Road assumed at 5 units/ac.
Portage Road	2825	2823	11	26.4	823.2	3.85	12.48	0.00	0.00	0.00	0.84	0.10	1.48	13.96	191	200	PVC DR 35	0.4	20.75	0.66	67.28	
Portage Road	2823	2822	0	0	969.6	3.81	14.53	0.00	0.00	0.00	0.00	0.00	2.17	16.70	14	200	SCL 2400	0.4	20.75	0.66	80.49	
Portage Road	2822	2821	5	12	981.6	3.81	14.70	0.00	0.00	0.00	0.47	0.06	2.22	16.92	55	200	SCL 2400	0.4	20.75	0.66	81.57	
Portage Road	2821	2820	7	16.8	1029.6	3.79	15.36	0.00	0.00	0.00	0.60	0.07	2.41	17.78	88	200	SCL 2400	0.4	20.75	0.66	85.67	
Portage Road	2820	2819	0	0	1288.8	3.73	18.90	0.00	0.00	0.00	0.00	0.00	3.66	22.56	11	300	PVC DR35	0.4	61.17	0.87	36.88	
Portage Road	2819	2817	5	12	1387.2	3.70	20.22	0.00	0.00	0.00	0.33	0.04	3.94	24.16	120	300	PVC DR35	0.4	61.17	0.87	39.49	
Portage Road	2817	2816	0	0	1387.2	3.70	20.22	0.00	0.00	0.00	0.00	0.00	3.94	24.16	26	300	PVC DR35	0.4	61.17	0.87	39.49	
Portage Road	2816	2815	0	0	1387.2	3.70	20.22	0.00	0.00	0.00	0.00	0.00	3.94	24.16	17	300	PVC DR35	0.77	84.87	1.20	28.46	
Portage Road	2815	2814	0	0	1387.2	3.70	20.22	0.00	0.00	0.00	0.00	0.00	3.94	24.16	13	300	PVC DR35	0.4	61.17	0.87	39.49	
Portage to Cord 51	2814	2813	0	0	1387.2	3.70	20.22	0.00	0.87	0.30	0.00	0.00	3.94	24.46	67	300	PVC DR35	0.4	61.17	0.87	39.99	
Portage to Cord 51	2813	2812	5	12	1399.2	3.70	20.38	0.00	0.87	0.30	0.00	0.00	3.94	24.62	65	300	PVC DR35	0.4	61.17	0.87	40.25	
Portage to Cord 51	2812	2811	6	14.4	1413.6	3.70	20.57	0.00	0.87	0.30	0.00	0.00	3.94	24.81	42	300	PVC DR35	0.4	61.17	0.87	40.56	
Portage to Cord 51	2811	2810	101	242.4	1656	3.65	23.77	0.00	0.87	0.30	6.14	0.74	4.68	28.75	94	300	PVC DR35	0.63	76.77	1.09	37.45	
Portage to Cord 51	2810	2809	0	0	1656	3.65	23.77	0.00	0.87	0.30	0.00	0.00	4.68	28.75	35	300	PVC DR35	0.4	61.17	0.87	47.00	
Portage to Cord 51	2809	2808	0	0	1656	3.65	23.77	0.00	0.87	0.30	0.00	0.00	4.68	28.75	90	300	PVC DR35	0.4	61.17	0.87	47.00	
<b>Daniel Drive System</b>																						
Daniel Drive	2874	2873	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	0.43	0.05	0.05	0.34	70	200	PVC DR 35	0.4	20.75	0.66	1.65	Start
Daniel Drive	2873	2871	12	28.8	45.6	4.32	0.78	0.00	0.00	0.00	0.61	0.07	0.12	0.90	151	200	PVC DR 35	0.4	20.75	0.66	4.34	
Wilson Drive	2878	2871	15	36	36	4.34	0.62	0.00	0.00	0.00	0.77	0.09	0.09	0.71	200	PVC DR 35	0.4	20.75	0.66	3.41		
Wilson Drive	2871	2819	2	4.8	86.4	4.26	1.45	0.00	0.00	0.00	0.16	0.02	0.24	1.68	250	PVC DR 35	0.4	37.62	0.77	4.48		
<b>Lisa Crescent System</b>																						
Lisa Crescent	2886	2885	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	1.21	0.15	0.15	0.60	76	200	AC 2400	0.4	20.75	0.66	2.88	
<b>Hilda Street System</b>																						
Hilda Street	2885	2882	17	40.8	67.2	4.29	1.13	0.00	0.00	0.00	1.83	0.22	0.36	1.50	246	200	AC 2400	0.4	20.75	0.66	7.22	
<b>Scott Avenue Collector</b>																						
Scott Avenue	2882	2881	4	9.6	76.8	4.27	1.29	0.00	0.00	0.00	0.31	0.04	0.40	1.69	95	200	AC 2400	0.4	20.75	0.66	8.16	
Scott Avenue	2881	2823	4	9.6	146.4	4.19	2.42	0.00	0.00	0.00	0.31	0.04	0.69	3.11	86	200	AC 2400	0.4	20.75	0.66	14.97	
<b>Lisa Crescent System</b>																						
Lisa Crescent	2893	2891	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	1.02	0.12	0.12	0.58	152	200	AC 2400	0.4	20.75	0.66	2.77	
Lisa Crescent	2890	2881	14	33.6	60	4.30	1.01	0.00	0.00	0.00	1.07	0.13	0.25	1.27	164	200	AC 2400	0.4	20.75	0.66	6.10	
<b>Audrey Street System</b>																						
Audrey Street	2861	2860	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	0.96	0.12	0.12	0.65	82	200	SCL 2400	0.4	20.75	0.66	3.13	
Audrey Street	2860	2821	0	0	31.2	4.35	0.53	0.00	0.00	0.00	0.00	0.00	0.12	0.65	85	200	SCL 2400	0.4	20.75	0.66	3.13	
<b>Russell Street System</b>																						
Sammy Drive	3132	3131	5	12	12	4.41	0.21	0.00	0.00	0.00	0.33	0.04	0.04	0.25	70	200	AC Sewer	0.4	20.75	0.66	1.19	
Future extension	ext	3131	35	84	84	4.26	1.41	0.00	0.00	0.00	4.50	0.54	0.54	1.95	200	AC Sewer	0.5	23.20	0.74	8.40	Extension of Town owned lands	
Russell Street	3131	3130	10	24	120	4.22	1.99	0.00	0.00	0.00	0.64	0.08	0.66	2.65	90	200	AC Sewer	0.4	20.75	0.66	12.77	
Russell Street	3130	3103	0	0	120	4.22	1.99	0.00	0.00	0.00	0.00	0.00	0.66	2.65	30	200	AC Sewer	0.4	20.75	0.66	12.77	
<b>Audrey Street System</b>																						
Audrey Street	3103	3102	4	9.6	160.8	4.18	2.65	0.00	0.00	0.00	0.33	0.04	0.84	3.49	90	200	SCL 2400	0.5	23.20	0.74	15.04	
<b>Audrey Street Collector</b>																						
Hilda Street	3102	3101	7	16.8	177.6	4.17	2.91	0.00	0.00	0.00	0.63	0.08	0.92	3.83	74	200	SCL 2400	0.4	20.75	0.66	18.46	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION		PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS		PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS			PIPE DESIGN		% OF UTILIZATION	REMARKS	
			Res. units by section	Pop. per section							Individual Q(i) (L/s)	Cumulative (L/s)			Type of Pipe	Slope (%)	Capacity n = 0.013 (L/S)	Full Flow Velocity (m/s)				
<b>Florence Street Collector</b>																						
Florence Street	3101	3100	0	0	216	4.14	3.52	0.00	0.00	0.00	0.00	0.00	1.08	4.59	117	200	SCL 2400	0.4	20.75	0.66	22.14	
Florence Street	3100	2820	4	9.6	259.2	4.10	4.19	0.00	0.00	0.00	0.32	0.04	1.25	5.44	86	200	SCL 2400	0.4	20.75	0.66	26.21	
<b>Russell Street System</b>																						
Russell Street	3105	3103	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	1.22	0.15	0.15	0.68	60	200	SCL 2400	0.4	20.75	0.66	3.28	
<b>Hilda Street System</b>																						
Hilda Street	3121	3101	16	38.4	38.4	4.34	0.66	0.00	0.00	0.00	1.34	0.16	0.16	0.82	174	200	SCL 2400	0.4	20.75	0.66	3.93	
<b>Craig Place System</b>																						
Craig Place	3111	3100	14	33.6	33.6	4.35	0.57	0.00	0.00	0.00	1.12	0.13	0.13	0.71	138	200	AC 2400	0.4	20.75	0.66	3.42	
<b>Edith Street Collector</b>																						
Edith Street	1048	1047	0	0	1149.6	3.76	17.01	0.00	0.00	0.00	0.00	0.00	4.34	21.35	88	300	SCL 2400	0.3	52.98	0.75	40.30	
Edith Street	1047	1046	0	0	1180.8	3.75	17.44	0.00	0.93	0.32	0.00	0.00	4.48	22.23	13	300	SCL 2400	0.3	52.98	0.75	41.97	
Edith Street	1046	1045	0	0	1999.2	3.59	28.21	0.00	1.53	0.53	0.00	0.00	7.88	36.63	91	300	SCL 2400	0.3	52.98	0.75	69.13	
Edith Street	1045	1044	0	0	2443.2	3.52	33.81	0.00	4.09	1.42	0.00	0.00	10.01	45.24	57	300	SCL 2400	0.3	52.98	0.75	85.39	
Edith to Cord 51	1044	1043	0	0	2443.2	3.52	33.81	0.00	4.09	1.42	0.00	0.00	10.01	45.24	79	300	SCL 2400	0.33	55.56	0.79	81.42	
<b>Selkirk Street Collector</b>																						
Radke lands (partial)			100	240	240	4.12	3.89	0.00	0.00	0.00	8.00	0.96	0.96	4.85		200	SCL 2400	0.5	23.20	0.74	20.91	option of 100 lots draining in this direction
Selkirk Street	3323	3320	33	79.2	319.2	4.07	5.11	0.00	0.00	0.00	2.43	0.29	1.25	6.36	289	200	SCL 2400	0.36	19.68	0.63	32.31	
Selkirk Street	3320	3305	0	0	319.2	4.07	5.11	0.00	0.00	0.00	0.00	0.00	1.25	6.36	76	200	SCL 2400	0.36	98.63	3.14	6.45	
Selkirk Street	3305	3304	0	0	667.2	3.91	10.26	0.00	0.00	0.00	0.00	0.00	2.56	12.81	11	200	SCL 2400	2.03	46.74	1.49	27.42	
Selkirk Street	3304	1048	37	88.8	756	3.88	11.53	0.00	0.00	0.00	3.18	0.38	2.94	14.47	179	200	SCL 2400	0.6	25.41	0.81	56.93	
<b>Tangelwood Drive</b>																						
Tangelwood Drive	1054	1058	38	91.2	91.2	4.25	1.53	0.00	0.00	0.00	2.43	0.29	0.29	1.82		200	PVC	0.5	23.20	0.74	7.84	
<b>Edith Street Collector</b>																						
Edith Street	1058	1049	50	120	211.2	4.14	3.44	0.00	0.00	0.00	4.38	0.53	0.82	4.26	57	250	PVC	0.3	32.58	0.66	13.07	includes Phase 3 lands
<b>Briarwood Drive Collector</b>																						
Briarwood Drive	1053	1051	27	64.8	64.8	4.29	1.09	0.00	0.00	0.00	1.51	0.18	0.18	1.28	191	200	PVC ULTRA RIB	0.4	20.75	0.66	6.15	Start
Briarwood Drive	1051	1049	26	62.4	127.2	4.21	2.11	0.00	0.00	0.00	1.19	0.14	0.32	2.43	184	200	PVC ULTRA RIB	1.3	37.40	1.19	6.50	
<b>Edith Street Collector</b>																						
Edith Street	1049	1048	3	7.2	345.6	4.05	5.51	0.00	0.00	0.00	0.38	0.05	1.19	6.70	103	250	PVC ULTRA RIB	0.3	32.58	0.66	20.56	
<b>Russel Street/System</b>																						
Russel Street	3105	3140	17	40.8	40.8	4.33	0.70	0.00	0.00	0.00	1.59	0.19	0.19	0.89	192	200	SCL 2400	0.52	23.66	0.75	3.75	
Selkirk Street	3140	1048	3	7.2	48	4.32	0.82	0.00	0.00	0.00	0.20	0.02	0.21	1.03	101	200	SCL 2400	0.4	20.75	0.66	4.97	
<b>Hemlock Street Collector</b>																						
Hemlock Street	3333	3330	32	76.8	151.2	4.19	2.49	0.00	0.00	0.00	2.42	0.29	0.60	3.09	275	200	CL 2400	0.57	24.77	0.79	12.49	from Woodlands Crescent Collector
Hemlock Street	3330	3306	0	0	151.2	4.19	2.49	0.00	0.00	0.00	0.00	0.00	0.60	3.09	89	200	CL 2400	3.63	62.50	1.99	4.95	
<b>Woodland Crescent System</b>																						
Woodland Crescent	3306	3305	0	0	348	4.05	5.55	0.00	0.00	0.00	0.00	0.00	1.31	6.85	91	200	CL 2400	2.05	46.97	1.50	14.59	Branch Collector Hemlock Street
<b>Spruce Street Collector</b>																						
Spruce Street	3350	3334	22	52.8	52.8	4.31	0.90	0.00	0.00	0.00	1.62	0.19	0.19	1.09	237	200	CL 2400	0.59	25.20	0.80	4.33	
<b>Woodland Crescent System</b>																						
Woodland Crescent	3334	3333	9	21.6	74.4	4.28	1.25	0.00	0.00	0.00	0.97	0.12	0.31	1.56	90	200	CL 2400	1.03	33.29	1.06	4.69	Branch Collector from Spruce St.
Woodland Crescent	3307	3306	7	16.8	196.8	4.15	3.21	0.00	0.00	0.00	0.22	0.03	0.70	3.92	90	200	CL 2400	3.72	63.27	2.01	6.19	Branch Collector from Spruce St.
<b>Spruce Street System</b>																						
Spruce Street	3350	3307	8	19.2	19.2	4.38	0.33	0.00	0.00	0.00	0.54	0.06	0.06	0.40	92	200	CL 2400	2.67	53.60	1.71	0.74	

APPROX. LOCATION, STREET NAME, etc.	From MH No.	To MH No.	POPULATION Res. units by section	Pop. per section	Cumulative population	PEAKING FACTOR (M)	POPULATION FLOW Q(p) (L/s)	Individual ICI Lands (ha.)	Cummulative ICI Lands (ha.)	ICI Flows (L/s)	Area (ha.)	EXTRANEOUS FLOWS Individual Q(i) (L/s)	Cumulative (L/s)	PEAK DESIGN FLOW Q(d) (L/s)	Length of Pipe (m)	PIPE SPECIFICATIONS Size of Pipe (mm)	Type of Pipe	Slope (%)	PIPE DESIGN Capacity n = 0.013 (L/s)	Full Flow Velocity (m/s)	PERCENTAGE OF UTILIZATION	REMARKS	
<b>Woodlands Crescent Collector</b>																							
Woodlands Crescent	3308	3307	2	4.8	160.8	4.18	2.65	0.00	0.00	0.00	0.22	0.03	0.61	3.26	90	200	CL 2400	0.4	20.75	0.66	15.71	Branch Collector from Oak St.	
<b>Oak Street System</b>																							
Oak Avenue	3372	3308	28	67.2	67.2	4.29	1.13	0.00	0.00	0.00	2.02	0.24	0.24	1.38	329	200	PVC SDR 35	0.5	23.20	0.74	5.93		
<b>Woodlands Crescent Collector</b>																							
Woodlands Crescent	3313	3309	36	86.4	86.4	4.26	1.45	0.00	0.00	0.00	2.77	0.33	0.33	1.78	337	200	PVC SDR 35	0.4	20.75	0.66	8.58		
Woodland Crescent	3309	3308	1	2.4	88.8	4.26	1.49	0.00	0.00	0.00	0.10	0.01	0.34	1.83	84	200	PVC SDR 35	0.4	20.75	0.66	8.83		
<b>Murphy Road System</b>																							
Murphy Road	3411	3409	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	1.90	0.23	0.23	0.72	88	200	SCL 2400	0.4	20.75	0.66	3.48		
<b>Doran Road Collector</b>																							
Doran Road	3161	1046	2	4.8	4.8	4.44	0.08	0.60	0.60	0.21	0.15	0.02	0.02	0.31	86	200	SCL 2400	0.4	20.75	0.66	1.50		
Radtke lands (partial)			250	600	604.8	3.93	9.35	0.00	0.00	0.00	20.00	2.40	2.42	11.77		200	SCL 2400	0.5	23.20	0.74	50.75	option of 250 lots draining in this direction	
Doran Road	3409	3406	36	86.4	720	3.89	11.01	0.00	0.00	0.00	2.93	0.35	3.00	14.01	264	200	SCL 2400	0.4	20.75	0.66	67.54		
Doran Road	3406	3405	0	0	720	3.89	11.01	0.00	0.00	0.00	0.00	0.00	3.00	14.01	124	200	SCL 2400	6.28	82.21	2.62	17.04		
Doran Road	3405	3404	0	0	720	3.89	11.01	0.00	0.00	0.00	0.00	0.00	3.00	14.01	14	200	SCL 2400	0.4	20.75	0.66	67.54		
Doran Road	3404	3401	23	55.2	775.2	3.87	11.80	0.00	0.00	0.00	2.08	0.25	3.25	15.05	269	200	SCL 2400	1.96	45.93	1.46	32.77		
Doran Road	3401	3400	3	7.2	782.4	3.87	11.90	0.00	0.00	0.00	0.20	0.02	3.27	15.17	76	200	SCL 2400	0.89	30.95	0.99	49.03		
Doran Road	3400	1046	13	31.2	813.6	3.86	12.35	0.00	0.00	0.00	0.98	0.12	3.39	15.73	111	200	SCL 2400	0.64	26.24	0.84	59.95		
<b>Hilda Street System</b>																							
Hilda Street	3153	3151	11	26.4	26.4	4.36	0.45	0.00	0.00	0.00	0.98	0.12	0.12	0.57	61	200	SCL 2400	0.4	20.75	0.66	2.75		
<b>Doran Road Collector</b>																							
Doran Road	3151	1047	2	4.8	31.2	4.35	0.53	0.93	0.93	0.32	0.15	0.02	0.14	0.99	82	200	SCL 2400	0.37	19.95	0.64	4.98		
<b>Mary Street Collector</b>																							
Mary Street	3227	3226	7	16.8	16.8	4.39	0.29	0.00	0.00	0.00	0.78	0.09	0.09	0.38	84	200	SCL 2400	0.4	20.75	0.66	1.85	to Edith Street Collector	
Mary Street	3226	3223	22	52.8	69.6	4.28	1.17	0.00	0.00	0.00	1.77	0.21	0.31	1.48	86	200	SCL 2400	2.04	46.86	1.49	3.16	Start	
Mary Street	3223	3221	19	45.6	115.2	4.23	1.92	0.00	0.00	0.00	1.57	0.19	0.49	2.41	85	200	SCL 2400	0.96	32.14	1.02	7.50		
Mary Street	3221	3200	10	24	139.2	4.20	2.30	0.00	0.00	0.00	0.75	0.09	0.58	2.89	82	200	SCL 2400	0.95	31.97	1.02	9.03		
Mary Street	3200	1045	10	24	436.8	4.00	6.88	0.00	2.56	0.89	0.75	0.09	2.09	9.86	131	200	SCL 2400	0.6	25.41	0.81	38.81	Branch Collector Laura Street	
Mary Street	3260	1045	3	7.2	7.2	4.43	0.13	0.00	0.00	0.00	0.28	0.03	0.03	0.16	50	200	SCL 2400	0.4	20.75	0.66	0.77	Start	
<b>Laura Street Collector</b>																							
Laura Street	3201	3200	0	0	273.6	4.10	4.41	0.00	2.56	0.89	1.28	0.15	1.42	6.72	78	200	SCL 2400	0.4	20.75	0.66	32.37	Murry Street Collector Branch Collector John Street	
<b>John Street Collector</b>																							
John Street	3203	3201	12	28.8	259.2	4.10	4.19	0.00	2.56	0.89	0.77	0.09	1.18	6.25	68	200	SCL 2400	0.48	22.73	0.72	27.51	to Laura Street Collector	
<b>Norman Street System</b>																							
Norman Street	3270	3204	12	28.8	28.8	4.36	0.49	0.00	0.00	0.00	0.47	0.06	0.06	0.55	105	200	SCL 2400	0.4	20.75	0.66	2.65	to John Street Collector	
Norman Street	3204	3203	0	0	230.4	4.13	3.74	0.00	2.56	0.89	0.00	0.00	1.08	5.71	28	200	SCL 2400	0.4	20.75	0.66	27.54	Start Branch Collector John Street	
<b>John Street Collector</b>																							
John Street	3252	3209	18	43.2	43.2	4.33	0.74	0.00	0.00	0.00	2.12	0.25	0.25	0.99	68	200	SCL 2400	1.08	34.09	1.09	2.90	to Laura Street Collector	
John Street	3209	3206	17	40.8	136.8	4.20	2.26	0.00	0.00	0.00	1.69	0.20	0.75	3.01	93	200	SCL 2400	1.1	34.41	1.10	8.76		
John Street	3206	3204	17	40.8	201.6	4.15	3.29	0.00	2.56	0.89	1.56	0.19	1.03	5.21	83	200	SCL 2400	0.4	20.75	0.66	25.10		
John Street	3230	3201	6	14.4	14.4	4.40	0.25	0.00	0.00	0.00	0.72	0.09	0.09	0.34	80	200	SCL 2400	0.4	20.75	0.66	1.62	Start	
<b>Herman Street System</b>																							
Herman Street	3241	3240	9	21.6	21.6	4.38	0.37	2.56	2.56	0.89	0.70	0.08	0.08	1.34	65	200	SCL 2400	0.4	20.75	0.66	6.48	Start	
Herman Street	3240	3206	1	2.4	24	4.37	0.41	0.00	2.56	0.89	0.06	0.01	0.09	1.39	88	200	SCL 2400	0.4	20.75	0.66	6.71	to John Street Collector	
<b>Roy Street System</b>																							
Roy Street	3212	3211	13	31.2	31.2	4.35	0.53	0.00	0.00	0.00	1.28	0.15	0.15	0.69	111	200	ACCL 2400	2.9	55.87	1.78	1.23	Start	
Roy Street	3211	3210	6	14.4	45.6	4.32	0.78	0.00	0.00	0.00	0.76	0.09	0.24	1.02	84	200	ACCL 2400	0.4	20.75	0.66	4.92		
Roy Street	3210	3209	3	7.2	52.8	4.31	0.90	0.00	0.00	0.00	0.40	0.05	0.29	1.19	82	200	ACCL 2400	0.4	20.75	0.66	5.73		



**APPENDIX K  
STORM SEWER DESIGN SHEETS**



**STORM SEWER DESIGN SHEET**  
**5-Year Design Storm Capacity - County Road 51**

LOCATION		FLOW DATA										PIPE DATA				Remarks		
STREET	FROM	TO	0.8	0.45	0.4	0.25	Individual 2.7BAR	Accum 2.7BAR	Time of Conc.	Intensity mm/hr	Flow (L/sec)	Diameter (mm)	Slope (%)	Length (m)	Capacity (L/s)		Velocity (m/sec)	Sect. Time (minutes)
County Road 51	302	303	0.970			0.440	2.463	2.463	18.61	57.92817	141.20	450	0.250	84.5	142.553	0.836	1.57	20.18
	303	304	0.810			0.560	1.746	4.209	20.18	54.14408	227.89	600	0.150	102.3	237.806	0.841	2.03	22.21
	304	305	0.340			0.115	0.536	5.046	22.21	50.61091	255.33	675	0.100	75	265.617	0.743	1.58	22.89
	305	306	0.340			0.115	0.536	5.881	23.80	48.07081	282.71	750	0.100	75	352.049	0.797	1.53	25.42
	MH6	MH7	0.180			0.090	0.658	6.337	25.42	46.01681	297.61	750	0.150	67.8	445.311	1.008	1.45	28.02
	MH7	MH8	0.440			0.110	1.055	7.724	28.02	42.95638	331.80	750	0.140	96	418.550	0.943	1.70	31.25
	MH8	MH9	0.950			0.350	2.956	10.090	29.55	41.37659	417.11	750	0.130	96.9	401.358	0.909	1.78	33.03
	MH9	MH10	0.000			0.090	0.021	10.101	31.25	35.78144	401.84	750	0.150	66.1	431.170	0.976	1.13	34.16
	MH10	MH11	0.430			0.120	1.040	11.141	33.03	38.25973	426.25	750	0.160	56.2	445.311	1.008	1.59	35.75
	MH11	MH12	0.270			0.110	0.677	11.818	34.16	37.35389	441.59	750	0.200	59.6	497.873	1.127	1.47	37.22
	MH12	MH13	0.000			0.240	1.768	13.996	35.75	36.19388	491.59	750	0.250	100	197.250	1.203	1.39	39.82
	MH13	MH14	0.000			0.000	3.290	3.290	38.43	57.72254	188.91	450	0.450	146.3	983.091	1.353	1.82	44.74
	MH14	MH15	0.000			0.000	0.042	16.918	37.63	34.7698	508.18	750	0.250	87	648.148	1.469	0.92	41.34
	MH15	MH16	0.910			0.310	2.381	18.410	38.43	33.17111	643.95	750	0.240	20.1	668.633	1.204	0.95	41.64
	MH16	MH17	0.140			0.140	0.78	19.688	41.25	32.10747	643.95	450	5.500	20.1	668.633	1.204	0.95	41.64
	MH17	MH18	4.000			0.000	8.888	16.34	82.83427	558.97	450	975	0.180	170.6	950.788	1.273	2.23	43.87
	MH18	MH19	0.000			0.000	0.867	28.651	41.64	32.48258	830.94	975	0.180	93.0	976.852	1.306	1.26	45.13
	MH19	MH20	1.100			0.000	2.446	31.697	43.87	31.31923	973.93	975	0.180	93.0	976.852	1.306	1.26	45.13

County Road 51/Pelawawa Drainage  
 County Road 51 - 5yr  
 PROJECT NAME: 2005009A  
 PROJECT No.: P:\Docs\2011\211500x211531A Pelawawa Infrastructure Updates\Storm Design Sheets\County Road 51 - 5yr  
 File Name: DESIGN: 2-Dec-11  
 CHECK: PIPE ROUGHNESS = 0.013  
 DESIGN STORM: 1:5 Yr

**STORM SEWER DESIGN SHEET**  
**2-Year Design Storm Capacity - Town of Petawawa Urban Street Cross-sections**  
**HOFFMAN OUTLET**

LOCATION		FLOW DATA				AREAS				PIPE DATA				REMARKS								
STREET	FROM	TO	length	R=	R=	R=	R=	Individual 2.7BAR	Accum 2.7BAR	Time of Conc.	Intensity mm/hr	Flow (L/sec)	Diameter (mm)	Slope (%)	Length (m)	Capacity (L/s)	% Capacity	Velocity (m/sec)	Sect Time (minutes)	Tot. Time (minutes)	Remarks	
HOFFMAN OUTLET				0.4	0.25	0.25	0.25															
	external	100		1.1				12.232	12.232	24.40	33.10766	404.97	525	1.00	425	430.062	94.2%	1.987	3.57	27.97	Sheet time based on 425 m length @ 1m/s = 22.06 min.	
	Sakikik Street at Edin - Edin Drainage	100						5.630	17.862	22.08	35.48229	199.78	450	0.80	425	255.007	78.3%	1.603	4.42	26.50		
	Sakikik Street at Edin - Edin Drainage	100		0				0.000	0.000	0.00	0.00000	0.00	900	0.44	171	1200.025	44.8%	1.988	0.15	28.12		
	Sakikik Street/Russell	1010		4.25				4.728	22.588	27.97	30.11957	986.19	305	0.25	400	829.596	84.0%	1.273	5.24	33.20		
	Russell Street at Audrey	1604						10.383	32.971	33.20	26.72616	881.18	575	0.25	32	1120.327	78.6%	1.501	0.36	33.56		
	Audrey St.	1603						12.510	45.481	33.56	28.52915	1206.57	1200	0.20	88	1743.563	69.2%	1.542	0.95	34.51		
	Audrey St. at Hilda	1601						0.828	46.106	34.51	26.01871	1199.63	1150	0.25	0	1949.365	61.5%	1.724	0.00	34.51		
	Rural Catchment Area (Unsewered Creek)							6.093		56.05	17.71553	0.00	635	0.30	1000	786.220	0.0%	1.471	11.38	71.33		
	Hilda Street	1008		4.75				5.337	5.337	33.03	46.30256	216.35	450	0.75	250	248.908	87.5%	1.552	2.68	20.88		
		1007		0.86				0.536	5.874	34.51	25.01871	1351.32	1200	0.55	50	2881.376	46.7%	2.557	0.33	34.84		
	Pontage Road Ex. Area	1006						0.256	75.255												Available for external flow 1539.85 1632.50	
	Pontage Rd/ Lisa Cies	1005		2.1				23.556	75.255	35.71	55.42655	3622.22	1200	0.80	92	3487.130	75.2%	3.083	0.50	36.20		
		1004		4.5				5.093	89.918	36.33	55.19437	2727.75	1500	0.86	53.2	3615.534	75.4%	3.197	0.28	36.48		
		1003		1.9				1.954	92.538	39.46	35.03374	2127.58	1200	0.87	46	3636.494	75.8%	3.215	0.24	36.72		
		1002		5				6.250	98.145	37.12	24.321	2885.94	1200	0.88	87.1	3600.012	75.9%	3.360	0.43	37.15		
	Outlet	1001						0.000	97.146	37.58	24.42711	2923.83	1200	0.55	106.3	3600.012	3.86%	3.360	0.53	37.68		
		1000																			1686.53	

PROJECT NAME: Russell St.  
 PROJECT No.: 2014046A  
 File Name: P:\Docs\2011\311\2011\311\15331A Petawawa Infrastructure Update\Storm Design Sheets\hoffman-outlet.kb

DESIGN: S. W.  
 DATE: Oct. 14, 2011

CHECK: Russell  
 DESIGN STORM: 1 : 2 Yr

**2-Year Design Storm Capacity - Town of Petawawa Urban Street Cross-sections**

LOCATION		AREAS				FLOW DATA				PIPE DATA				Remarks							
STREET	FROM	TO	R=	0.8 R=	0.4 R=	0.3 R=	0.25 R=	Individual 2.78AR	Accum 2.78AR	Time of Conc.	Intensity mm/hr	Flow (L/sec)	Diameter (mm)		Slope (%)	Length (m)	Capacity (L/s)	Velocity (m/sec)	Sect. Time (minutes)	Tot. Time (minutes)	
PROPOSED STORM SEWER HERMAN ST TO PETAWAWA RIVER	F	E	16.5					18.348	18.348	28.30	29.87	672.98	900	0.15	179.1	701.13	1.102	2.71	31.01		
HERMAN TO NORMAN	E	D						18.348	18.348	31.01	28.03	639.25	900	0.15	66	701.13	1.102	1.00	32.01		
NORMAN TO JOHN	D	C						18.348	18.348	32.01	27.42	628.05	975	0.15	282	867.96	1.163	4.04	36.05		
JOHN TO MARY	C	MH 46	30					18.348	18.348	36.05	25.24	588.14	1050	0.15	152.3	1057.61	1.221	2.08	38.13		
MARY TO DORAN	MH 46	B	13.25					33.360	51.708	38.13	24.28	1380.34	1200	0.15	106.7	1509.97	1.335	1.33	39.46		
DORAN OUTLET	B	A						14.734	66.442	39.46	23.70	1700.00	1350	0.22	143.3	2503.46	1.749	1.37	40.82		
PROP STORM IN DITCH	A	MH#23						0.000	66.442	40.82	23.15	1663.21	1350	0.32	137	3019.29	2.109	1.08	41.91		
Ditch/Portage Rd Culvert	MH#23							30.732	97.174	42.21	22.62	1635.48	1800	0.62	35	4902.62	1.927	0.30	42.21		
AREA from Co Rd # 51			11.650					7.373	104.546	42.21	22.62	2489.87	1500	0.10	370	2235.37	1.265	4.87	47.09		
AREA from Trailer Park			6.630					104.546	104.546	42.21	22.62	2316.89	1500	0.32	370	2165.99	1.226	5.03	52.12		
Outlet to Petawawa River	MH #23	OUTLET								47.09											
Outlet with CSP Pipe	MH #23	OUTLET																			
PROJECT NAME:		County Road 51/Petawawa Drainage		DESIGN:		R.M.		DATE:		25-Jul-11											
PROJECT No.:		2005009A		CHECK:				PIPE ROUGHNESS:		0.013											
File Name:		P:\Docs\2011\2115xxx\2115331A Petawawa Infrastructure Update\Storm Design Sheets\Hilda Street Storm Outlet\DESIGN STORM:		1 : 2 Yr																	

Inlet time based on 800m @ avg. 1 m/s + 15 mins.

**5-Year Design Storm Capacity - Town of Petawawa Urban Street Cross-sections**

LOCATION		AREAS				FLOW DATA				PIPE DATA				Remarks							
STREET	FROM	TO	R=	0.8 R=	0.4 R=	0.3 R=	0.25 R=	Individual 2.78AR	Accum 2.78AR	Time of Conc.	Intensity mm/hr	Flow (L/sec)	Diameter (mm)		Slope (%)	Length (m)	Capacity (L/s)	Velocity (m/sec)	Sect. Time (minutes)	Tot. Time (minutes)	
PROPOSED STORM SEWER HERMAN ST TO PETAWAWA RIVER	F	E	16.5					18.348	18.348	28.30	42.66	907.74	900	0.15	179.1	701.13	1.102	2.71	31.01		
HERMAN TO NORMAN	E	D						18.348	18.348	31.01	40.00	858.90	900	0.15	66	701.13	1.102	1.00	32.01		
NORMAN TO JOHN	D	C						18.348	18.348	32.01	39.12	842.69	975	0.15	282	867.96	1.163	4.04	36.05		
JOHN TO MARY	C	MH 46	30					18.348	18.348	36.05	35.97	784.95	1050	0.15	152.3	1057.61	1.221	2.08	38.13		
MARY TO DORAN	MH 46	B	13.25					33.360	51.708	38.13	34.58	1912.81	1200	0.15	106.7	1509.97	1.335	1.33	39.46		
DORAN OUTLET	B	A						14.734	66.442	39.46	33.75	2367.30	1350	0.22	143.3	2503.46	1.749	1.37	40.82		
PROP STORM IN DITCH	A	MH#23						0.000	66.442	40.82	32.95	2314.17	1350	0.32	137	3019.29	2.109	1.08	41.91		
Ditch/Portage Rd Culvert	MH#23							30.732	97.174	42.21	32.18	2274.15	1800	0.62	35	4902.62	1.927	0.30	42.21		
AREA from Co Rd # 51			11.650					7.373	104.546	42.21	32.18	3489.56	1500	0.10	370	2235.37	1.265	4.87	47.09		
AREA from Trailer Park			6.630					104.546	104.546	42.21	32.18	3240.04	1500	0.32	370	2165.99	1.226	5.03	52.12		
Outlet to Petawawa River	MH #23	OUTLET								47.09											
Outlet with CSP Pipe	MH #23	OUTLET																			
PROJECT NAME:		County Road 51/Petawawa Drainage		DESIGN:		R.M.		DATE:		25-Jul-11											
PROJECT No.:		2005009A		CHECK:				PIPE ROUGHNESS:		0.013											
File Name:		P:\Docs\2011\2115xxx\2115331A Petawawa Infrastructure Update\Storm Design Sheets\Hilda Street Storm Outlet\DESIGN STORM:		1 : 5 Yr																	

Inlet time based on 800m @ avg. 1 m/s + 15 mins.

**APPENDIX L**

**APRIL 2011 ROAD SYSTEM INVENTORY  
ROAD APPRAISAL FORMS**

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$390,000	Town's share based on 2 lifts HCB - \$780/m (50/50 split with LV)
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$390,000</b>	
<b>TOTAL COSTS:</b>	<b>\$390,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$585,000	Town's share based on 2 lifts HCB - \$780/m (50/50 split with LV)
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$585,000</b>	
<b>TOTAL COSTS:</b>	<b>\$585,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL  BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$13,500	minor centerline cracking \$7500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$13,500</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$13,500</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$27,000	Severe cracking - \$15,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$27,000</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

SPOT IMPROVEMENTS	COST	REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$30,000	railway culvert at offtake ditch
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$30,000</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$12,000	light cracking - \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$12,000</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS: \$42,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$81,000	1 lift HCB \$270/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$81,000</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE   
 SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE  
 CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK  
 TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$21,000	light cracking - \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$21,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$21,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$10,000	Moderate cracking -\$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$10,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$10,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$189,000	1 lift HCB \$270/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$189,000</b>	
<b>TOTAL COSTS:</b>	<b>\$189,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

#### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$25,000	Culvert replacement along East Leg
DITCHING	\$15,000	Ditching Required on West Leg
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$40,000</b>	

#### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

#### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$405,000	1 lift HCB - \$270m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$405,000</b>	

**TOTAL COSTS: \$445,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$108,000	single lift HCB -\$270/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$108,000</b>	
<b>TOTAL COSTS:</b>	<b>\$108,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$30,000	repair 3 culvert including frost tapers
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$30,000</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$567,000	single lift - \$270/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$567,000</b>	
<b>TOTAL COSTS:</b>	<b>\$597,000</b>	

LAST YEAR IMPROVED	TYPE OF LAST IMPROVEMENT	SECTION REVIEW DATE	REVIEWED BY
1984	constructed	April/2011.	Jp2g Consultants Inc.

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$22,500	Moderate cracking -\$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$22,500</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$22,500</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$18,000	light cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$18,000</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$29,000	light cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$29,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$29,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

#### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

#### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$21,000	Light cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$21,000</b>	

#### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$10,000	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$10,000</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$10,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$81,000	1 lift HCB - \$270/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$81,000</b>	
<b>TOTAL COSTS:</b>	<b>\$81,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$11,250	moderate cracking -\$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$11,250</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$11,250</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$108,000	1 lift HCB -\$270/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$108,000</b>	
<b>TOTAL COSTS:</b>	<b>\$108,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$31,250	Moderate cracking \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$31,250</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$31,250</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$13,000	Light Cracking - \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$13,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$195,000	Need 2nd lift of asphalt \$150/m
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$195,000</b>	
<b>TOTAL COSTS:</b>	<b>\$208,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$492,000	2 lifts of asphalt - \$410/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$492,000</b>	
<b>TOTAL COSTS:</b>	<b>\$492,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$270,000	1 lift HCB -\$270/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$270,000</b>	
<b>TOTAL COSTS:</b>	<b>\$270,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$25,000	west end road align deficient, remove rock outcrop and relocate hydro
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$25,000</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$270,000	1 lift HCB -\$270/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$270,000</b>	
<b>TOTAL COSTS:</b>	<b>\$295,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$100,000	Spot improvement (1.0km section)
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$100,000</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$25,500	Moderate cracking- \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$25,500</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$225,000	Place 2nd lift of asphalt to prolong life of roadway - \$125,000/km
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$225,000</b>	
<b>TOTAL COSTS:</b>	<b>\$350,500</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE   
 SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE  
 CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK  
 TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$13,000	light cracking - \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$13,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$13,000</b>	

LAST YEAR IMPROVED	TYPE OF LAST IMPROVEMENT	SECTION REVIEW DATE	REVIEWED BY
2001	pulverized and paved	April/2011.	Jp2g Consultants Inc.

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$448,000	including cul-de-sac, minor realign (property req'd), 1 lift HCB - \$640/m
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$448,000</b>	

**TOTAL COSTS: \$448,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$117,000	Town's share based on 2 lifts HCB - \$780/m (50/50 split with LV)
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$117,000</b>	

**TOTAL COSTS: \$117,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$2,000	Light Cracking on centerline and some side areas - \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$2,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$1,000	Light Cracking - \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$1,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$1,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

#### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

#### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$2,000	Light Cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,000</b>	

#### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$2,000	Light Cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,000</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$2,000	Light Cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,000</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$3,000	Light Cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$3,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$3,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$2,000	Light Cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,000</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$2,000	Light Cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$2,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$2,000	Light Cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$2,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$2,000	Light Cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$2,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

#### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

#### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$2,000	Light Cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,000</b>	

#### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$10,000	remove rock knob
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$10,000</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$246,000	2 lifts HCB - \$410/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$246,000</b>	
<b>TOTAL COSTS:</b>	<b>\$256,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$41,000	2 lifts HCB \$410/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$41,000</b>	
<b>TOTAL COSTS:</b>	<b>\$41,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$54,000	1 lift HCB - \$270/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$54,000</b>	
<b>TOTAL COSTS:</b>	<b>\$54,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$25,000	minor storm system and ditching
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$25,000</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$216,000	1 lift HCB - \$270/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$216,000</b>	
<b>TOTAL COSTS:</b>	<b>\$241,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$126,000	semi-urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$126,000</b>	
<b>TOTAL COSTS:</b>	<b>\$126,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$210,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$210,000</b>	
<b>TOTAL COSTS:</b>	<b>\$210,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

SPOT IMPROVEMENTS	COST	REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$84,000	semi-urban 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$84,000</b>	

**TOTAL COSTS: \$84,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$84,000	semi-urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$84,000</b>	
<b>TOTAL COSTS:</b>	<b>\$84,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$252,000	semi-urban 1 lift HCB -\$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$252,000</b>	
<b>TOTAL COSTS:</b>	<b>\$252,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$84,000	semi-urban 1 lift HCB -\$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$84,000</b>	

**TOTAL COSTS: \$84,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS			REMARKS
RIGHT OF WAY	\$0		
CULVERTS	\$0		
DITCHING	\$0		
RAISE GRADE	\$0		
PATCHING	\$0		
CURBS	\$0		
OTHER	\$0		
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>		
<b>SPECIFIC MAINTENANCE</b>			
SHOULDERING	\$0		
ROUTING/SEALING	\$0		
OTHER SPECIFIC MAINTENANCE	\$0		
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>		
<b>CONSTRUCTION</b>			
RESURFACING	\$0		
BASE AND SURFACE	\$0		
RESURFACE AND WIDEN	\$0		
PULVERIZE AND PAVE	\$84,000		semi-urban 1 lift HCB -\$420/m
RECONST RURAL	\$0		
RECONST URBAN	\$0		
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$84,000</b>		
<b>TOTAL COSTS:</b>	<b>\$84,000</b>		

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$2,000	light cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$2,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

#### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

#### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

#### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$126,000	semi-urban 1 lift HCB -\$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$126,000</b>	

**TOTAL COSTS: \$126,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$126,000	semi-urban 1 lift HCB -\$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$126,000</b>	
<b>TOTAL COSTS:</b>	<b>\$126,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$168,000	semi-urban 1 lift HCB -\$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$168,000</b>	

**TOTAL COSTS: \$168,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$10,000	replace cl culvert
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$10,000</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$54,000	rural 1 lift HCB -\$270/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$54,000</b>	

**TOTAL COSTS: \$64,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE   
 SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE  
 CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK  
 TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$5,000	Light Centerline Cracking - \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$5,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$5,000</b>	

LAST YEAR IMPROVED	TYPE OF LAST IMPROVEMENT	SECTION REVIEW DATE	REVIEWED BY
2009	pulverize and pave	April/2011.	Jp2g Consultants Inc.

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$294,000	semi-urban 1 lift HCB -\$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$294,000</b>	
<b>TOTAL COSTS:</b>	<b>\$294,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE   
 SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE  
 CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK  
 TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$135,000	rural - 1 lift of asphalt -\$270/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$135,000</b>	
<b>TOTAL COSTS:</b>	<b>\$135,000</b>	

LAST YEAR IMPROVED	TYPE OF LAST IMPROVEMENT	SECTION REVIEW DATE	REVIEWED BY
2001	pulverized and paved	April/2011.	Jp2g Consultants Inc.

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE   
 SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE  
 CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK  
 TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$3,000	shoulders
ROUTING/SEALING	\$8,750	moderate cracking - \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$11,750</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$11,750</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$64,000	rural reconstruction - 1 lift - \$640/m
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$64,000</b>	

**TOTAL COSTS: \$64,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$4,500	Heavy cracking - \$15,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$4,500</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$4,500</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$1,000	Shoulders
ROUTING/SEALING	\$2,000	Light Cracking - \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$3,000</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$1,500	Shoulders
ROUTING/SEALING	\$3,000	Light Cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$4,500</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$4,500</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$3,000	heavy cracking - \$15,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$3,000</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.

SURFACE WIDTH  M.

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$3,000	Shouldering
ROUTING/SEALING	\$10,500	Severe Cracking \$15,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$13,500</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$13,500</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$1,000	Shouldering
ROUTING/SEALING	\$3,000	Severe cracking - \$15,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$4,000</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

#### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

#### SPECIFIC MAINTENANCE

SHOULDERING	\$1,000	Shouldering
ROUTING/SEALING	\$3,750	Moderate Cracking - \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$4,750</b>	

#### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

#### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

#### SPECIFIC MAINTENANCE

SHOULDERING	\$1,000	Shouldering
ROUTING/SEALING	\$2,500	Moderate Cracking - \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$3,500</b>	

#### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:** **\$3,500**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$2,000	Shouldering
ROUTING/SEALING	\$7,500	Moderate Cracking -\$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$9,500</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$9,500</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

#### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$25,000	Drainage Improvement and Drywells
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$25,000</b>	

#### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

#### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$462,000	1 lift HCB and 6" of Granular 'A' - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$462,000</b>	

**TOTAL COSTS: \$487,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$126,000	semi-urban 1 lift HCB -\$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$126,000</b>	
<b>TOTAL COSTS:</b>	<b>\$126,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$2,500	Moderate cracking \$12,500
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,500</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$2,500</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$2,500	Shouldering
ROUTING/SEALING	\$13,000	Light Cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$15,500</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$15,500</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$126,000	semi-urban 1 lift HCB -\$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$126,000</b>	
<b>TOTAL COSTS:</b>	<b>\$126,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$84,000	semi-urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$84,000</b>	
<b>TOTAL COSTS:</b>	<b>\$84,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$420,000	semi-urban 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$420,000</b>	
<b>TOTAL COSTS:</b>	<b>\$420,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$8,000	light cracking \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$8,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$8,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$84,000	semi-urban 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$84,000</b>	

**TOTAL COSTS: \$84,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$84,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$84,000</b>	

**TOTAL COSTS: \$84,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$84,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$84,000</b>	

**TOTAL COSTS: \$84,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

SPOT IMPROVEMENTS	COST	REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$18,000	light cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$18,000</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$3,750	moderate cracking -\$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$3,750</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$3,750</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE   
 SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE  
 CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK  
 TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED <input type="text" value="20012010"/>	TYPE OF LAST IMPROVEMENT <input type="text" value="Reconstructed/ Crack filling and shoulderi"/>	SECTION REVIEW DATE <input type="text" value="April/2011."/>	REVIEWED BY <input type="text" value="Jp2g Consultants Inc."/>
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# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$11,000	Light Cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$11,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$11,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

#### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

#### SPECIFIC MAINTENANCE

SHOULDERING	\$1,000	Shouldering
ROUTING/SEALING	\$6,250	moderate cracking -\$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$7,250</b>	

#### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS: \$7,250**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

#### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

#### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$7,500	moderate cracking \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$7,500</b>	

#### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$4,000	light cracking \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$4,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$4,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$10,000	Moderate cracking \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$10,000</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$1,000	Shouldering
ROUTING/SEALING	\$3,750	Moderate Cracking -\$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$4,750</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$4,750</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

#### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

#### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$11,250	moderate cracking \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$11,250</b>	

#### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$3,750	moderate cracking -\$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$3,750</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE   
 SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE  
 CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK  
 TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$210,000	semi-urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$210,000</b>	
<b>TOTAL COSTS:</b>	<b>\$210,000</b>	

LAST YEAR IMPROVED	TYPE OF LAST IMPROVEMENT	SECTION REVIEW DATE	REVIEWED BY
19912001	reconstructed/sidewalk	April/2011.	Jp2g Consultants Inc.



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$1,000	Shouldering
ROUTING/SEALING	\$3,750	Moderate Cracking \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$4,750</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$4,750</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

SPOT IMPROVEMENTS	COST	REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$750	Shouldering
ROUTING/SEALING	\$2,500	Moderate cracking - \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$3,250</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS: \$3,250**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$750	Shouldering
ROUTING/SEALING	\$2,500	Moderate Cracking -\$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$3,250</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$3,250</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$168,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$168,000</b>	
<b>TOTAL COSTS:</b>	<b>\$168,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$126,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$126,000</b>	

**TOTAL COSTS: \$126,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$125,000	2 lifts HCB
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$125,000</b>	
<b>TOTAL COSTS:</b>	<b>\$125,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$84,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$84,000</b>	
<b>TOTAL COSTS:</b>	<b>\$84,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$126,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$126,000</b>	
<b>TOTAL COSTS:</b>	<b>\$126,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$42,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$42,000</b>	
<b>TOTAL COSTS:</b>	<b>\$42,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$168,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$168,000</b>	

**TOTAL COSTS: \$168,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$294,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$294,000</b>	
<b>TOTAL COSTS:</b>	<b>\$294,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$451,000	Rural Section - 2 lifts of HCB - \$410/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$451,000</b>	
<b>TOTAL COSTS:</b>	<b>\$451,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$5,000	moderate cracking -12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$5,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$5,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$1,500	Shouldering
ROUTING/SEALING	\$7,000	light cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$8,500</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$8,500</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$126,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$126,000</b>	

**TOTAL COSTS: \$126,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

#### SPOT IMPROVEMENTS

SPOT IMPROVEMENTS	COST	REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

#### SPECIFIC MAINTENANCE

SHOULDERING	\$2,000	Shouldering
ROUTING/SEALING	\$8,000	light cracking -\$10,00/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$10,000</b>	

#### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS: \$10,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$500	Shouldering
ROUTING/SEALING	\$2,000	light cracking \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,500</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$2,500</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$126,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$126,000</b>	
<b>TOTAL COSTS:</b>	<b>\$126,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$126,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$126,000</b>	
<b>TOTAL COSTS:</b>	<b>\$126,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$2,500	Shouldering
ROUTING/SEALING	\$10,000	light cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$12,500</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS: \$12,500**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$750	Shouldering
ROUTING/SEALING	\$3,000	light cracking \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$3,750</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$1,250	Shouldering
ROUTING/SEALING	\$5,000	light cracking \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$6,250</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$168,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$168,000</b>	
<b>TOTAL COSTS:</b>	<b>\$168,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$4,000	light cracking -\$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$4,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$4,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$34,000	\$340/m - 1 lift of asphalt
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$34,000</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$42,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$42,000</b>	
<b>TOTAL COSTS:</b>	<b>\$42,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

#### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

#### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

#### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$34,000	\$340/m - 1 lift of asphalt
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$34,000</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$42,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$42,000</b>	
<b>TOTAL COSTS:</b>	<b>\$42,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE   
 SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE  
 CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK  
 TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 + CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED <input type="text" value="2006"/>	TYPE OF LAST IMPROVEMENT <input type="text" value="reconstructed"/>	SECTION REVIEW DATE <input type="text" value="April/2011."/>	REVIEWED BY <input type="text" value="Jp2g Consultants Inc."/>
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## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$27,000	rural - 1 lift HCB \$270/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$27,000</b>	
<b>TOTAL COSTS:</b>	<b>\$27,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$84,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$84,000</b>	
<b>TOTAL COSTS:</b>	<b>\$84,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$84,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$84,000</b>	
<b>TOTAL COSTS:</b>	<b>\$84,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$42,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$42,000</b>	
<b>TOTAL COSTS:</b>	<b>\$42,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$84,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$84,000</b>	
<b>TOTAL COSTS:</b>	<b>\$84,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$2,500	moderate cracking - \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,500</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$2,500</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$2,000	light cracking - \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$2,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$378,000	semi-urban - 1 lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$378,000</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$123,000	rural section - 2 lifts HCB - \$410/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$123,000</b>	
<b>TOTAL COSTS:</b>	<b>\$123,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

#### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

#### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$3,750	Moderate cracking - \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$3,750</b>	

#### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$1,250	Moderate cracking - \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$1,250</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$1,250</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$300,000	semi-urban - 1 lift HCB including installation of exfiltration system - \$750/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$300,000</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$2,500	Moderate cracking - \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,500</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$2,500</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$1,352,000	2 lifts HCB, perforated storm system - \$1,690/m
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$1,352,000</b>	

**TOTAL COSTS: \$1,352,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$375,000	semi-urban - 1 lift of HCB with exfiltration system - \$750/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$375,000</b>	
<b>TOTAL COSTS:</b>	<b>\$375,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$150,000	semi-urban - 1 lift of HCB with exfiltration system - \$750/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$150,000</b>	
<b>TOTAL COSTS:</b>	<b>\$150,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$168,000	semi-urban - 1 lift of asphalt - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$168,000</b>	
<b>TOTAL COSTS:</b>	<b>\$168,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$42,000	semi-urban - 1 lift of asphalt - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$42,000</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$100,000	replace curb and gutter
OTHER	\$37,500	replace asphalt blvd
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$137,500</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$130,000	Remove asphalt and resurface 2 lifts HCB - \$40/m2
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$130,000</b>	

**TOTAL COSTS: \$267,500**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$10,000	Moderate cracking \$12,500
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$10,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$10,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$10,000	remove and replace 0.1km curb
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$10,000</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$52,000	remove asphalt & resurface 2 lifts HCB -\$40/m2
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$52,000</b>	
<b>TOTAL COSTS:</b>	<b>\$62,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$4,000	light cracking - \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$4,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$4,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$3,750	Moderate cracking - \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$3,750</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$3,750</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$10,000	remove & replace 0.1km curb
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$10,000</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$5,000	moderate cracking -\$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$5,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$15,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$8,000	light cracking \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$8,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$8,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$42,000	semi-urban - 1 lift HCB -\$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$42,000</b>	
<b>TOTAL COSTS:</b>	<b>\$42,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

#### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

#### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$5,000	6" lift gran "A"
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$5,000</b>	

#### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$50,000	storm sewer outfall improvements
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$50,000</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$2,500	moderate cracking \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,500</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$52,500</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$10,000	storm sewer outfall improvements
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$10,000</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$1,250	moderate cracking \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$1,250</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$2,500	moderate cracking - \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,500</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$2,500</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$210,000	semi-urban - 1 lift HCB - \$420/km
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$210,000</b>	
<b>TOTAL COSTS:</b>	<b>\$210,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$2,000	light cracking \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$2,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$84,000	semi-urban - 1 lift HCB - \$420/km
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$84,000</b>	
<b>TOTAL COSTS:</b>	<b>\$84,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$1,000	light cracking \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$1,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$1,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$1,416,000	2 lifts HCB \$1,770/m
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$1,416,000</b>	
<b>TOTAL COSTS:</b>	<b>\$1,416,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

#### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

#### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

#### CONSTRUCTION

RESURFACING	\$73,200	Remove and resurface with 2 lifts of asphalt - \$40/m2
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$73,200</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$252,000	semi-urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$252,000</b>	
<b>TOTAL COSTS:</b>	<b>\$252,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$126,000	semi-urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$126,000</b>	
<b>TOTAL COSTS:</b>	<b>\$126,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$168,000	semi-urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$168,000</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$708,000	urban with storm sewer - \$1,770/m
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$708,000</b>	
<b>TOTAL COSTS:</b>	<b>\$708,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$885,000	urban with storm sewer - \$1,770/m
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$885,000</b>	
<b>TOTAL COSTS:</b>	<b>\$885,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$15,000	construct cul de sac and pave 1 lift
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$15,000</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$126,000	semi-urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$126,000</b>	
<b>TOTAL COSTS:</b>	<b>\$141,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$141,000	urban - with 2 lifts of asphalt - \$470/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$141,000</b>	
<b>TOTAL COSTS:</b>	<b>\$141,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$94,000	urban with 2 lifts of HCB - \$470/m - (Laura to tracks - 200 m)
RECONST RURAL	\$0	
RECONST URBAN	\$885,000	urban with storm sewer - \$1,770/m - (Herman St. to Laura St. - 300m)
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$979,000</b>	
<b>TOTAL COSTS:</b>	<b>\$979,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$15,000	construct cul de sac and pave, 1 lift HCB
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$15,000</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$354,000	urban with storm sewer - \$1,770/m
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$354,000</b>	
<b>TOTAL COSTS:</b>	<b>\$369,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$126,000	semi-urban - 1 Lift HCB \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$126,000</b>	
<b>TOTAL COSTS:</b>	<b>\$126,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$1,250	moderate cracking \$12,500
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$1,250</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:** **\$1,250**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE   
 SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE  
 CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK  
 TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$1,000	Light Cracking - \$10,000/m
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$1,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$1,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE   
 SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE  
 CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK  
 TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED <input type="text" value="2010"/>	TYPE OF LAST IMPROVEMENT <input type="text" value="reconstruction"/>	SECTION REVIEW DATE <input type="text" value="April/2011."/>	REVIEWED BY <input type="text" value="Jp2g Consultants Inc."/>
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# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$378,000	semi urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$378,000</b>	

**TOTAL COSTS: \$378,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$5,000	moderate cracking \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$5,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$5,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$4,000	light cracking - \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$4,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$4,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$1,250	moderate cracking - \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$1,250</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$1,250</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$708,000	urban with storm sewer - \$1,770/m
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$708,000</b>	
<b>TOTAL COSTS:</b>	<b>\$708,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$5,000	moderate cracking \$12,500
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$5,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$5,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$84,000	semi urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$84,000</b>	
<b>TOTAL COSTS:</b>	<b>\$84,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$708,000	urban with storm sewer - \$1,770/m
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$708,000</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$126,000	semi urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$126,000</b>	
<b>TOTAL COSTS:</b>	<b>\$126,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$5,000	moderate cracking \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$5,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$5,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$84,000	semi urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$84,000</b>	
<b>TOTAL COSTS:</b>	<b>\$84,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

SPOT IMPROVEMENTS	COST	REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$84,000	semi urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$84,000</b>	

**TOTAL COSTS: \$84,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$0</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

## TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE   
 SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE  
 CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK  
 TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

### ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$2,500	Moderate cracking \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,500</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$2,500</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$885,000	urban with storm sewer - \$1,770/m
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$885,000</b>	

**TOTAL COSTS: \$885,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$42,000	semi urban - 1 lift HCB - \$420/m (Scott to Hilda Court - 100m)
RECONST RURAL	\$0	
RECONST URBAN	\$177,000	urban with storm sewer - \$1,770/m - (Audrey to Scott - 100 m)
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$219,000</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$42,000	semi urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$42,000</b>	

**TOTAL COSTS: \$42,000**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$42,000	semi urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$42,000</b>	
<b>TOTAL COSTS:</b>	<b>\$42,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$168,000	semi urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$168,000</b>	
<b>TOTAL COSTS:</b>	<b>\$168,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$354,000	urban with storm sewer - \$1,770/m
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$354,000</b>	
<b>TOTAL COSTS:</b>	<b>\$354,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL

BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE  SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$1,250	Moderate cracking \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$1,250</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$84,000	semi urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$84,000</b>	
<b>TOTAL COSTS:</b>	<b>\$84,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$42,000	semi urban - 1 lift HCB - \$420/m
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$42,000</b>	
<b>TOTAL COSTS:</b>	<b>\$42,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$531,000	Urban, Storm Sewer - \$1,770/m
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$531,000</b>	
<b>TOTAL COSTS:</b>	<b>\$531,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$6,250	moderate cracking -\$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$6,250</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$6,250</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$1,000	light cracking - \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$1,000</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$1,000</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION   
 FROM   
 TO

PLATFORM WIDTH  M.  
 SURFACE WIDTH  M.  
 RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

SPOT IMPROVEMENTS		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	
<b>SPECIFIC MAINTENANCE</b>		
SHOULDERING	\$0	
ROUTING/SEALING	\$2,500	Moderate cracking - \$12,500/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,500</b>	
<b>CONSTRUCTION</b>		
RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	
<b>TOTAL COSTS:</b>	<b>\$2,500</b>	

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY



# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$0	
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$0</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

### REMARKS

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

# TOWN OF PETAWAWA - ROAD APPRAISAL FORM

SECTION NUMBER  LENGTH  KM

DESCRIPTION

PLATFORM WIDTH  M.

FROM

SURFACE WIDTH  M.

TO

RIGHT OF WAY WIDTH  M.

ROADSIDE ENVIRONMENT  URBAN  SEMI-URBAN  RURAL BOUNDARY ROAD  SCHOOL BUS ROUTE

SURFACE TYPE  EARTH  GRAVEL  LCB  HCB  single lift  double lift  OTHER SURFACE

CURB  BARRIER  MOUNTABLE  ASPHALT  CONCRETE SIDEWALKS  ASPHALT WALK  CONCRETE WALK

TRAFFIC RANGE  0 - 49  50 - 199  200 - 399  400 - 999  1000 +

CONDITION RATING

## ROAD IMPROVEMENTS AND COSTS

### SPOT IMPROVEMENTS

		REMARKS
RIGHT OF WAY	\$0	
CULVERTS	\$0	
DITCHING	\$0	
RAISE GRADE	\$0	
PATCHING	\$0	
CURBS	\$0	
OTHER	\$0	
<b>SPOT IMPROVEMENTS TOTAL</b>	<b>\$0</b>	

### SPECIFIC MAINTENANCE

SHOULDERING	\$0	
ROUTING/SEALING	\$2,000	Light Cracking \$10,000/km
OTHER SPECIFIC MAINTENANCE	\$0	
<b>MAINTENANCE COSTS TOTAL</b>	<b>\$2,000</b>	

### CONSTRUCTION

RESURFACING	\$0	
BASE AND SURFACE	\$0	
RESURFACE AND WIDEN	\$0	
PULVERIZE AND PAVE	\$0	
RECONST RURAL	\$0	
RECONST URBAN	\$0	
<b>CONSTRUCTION COSTS TOTAL</b>	<b>\$0</b>	

**TOTAL COSTS:**

LAST YEAR IMPROVED

TYPE OF LAST IMPROVEMENT

SECTION REVIEW DATE

REVIEWED BY

**APPENDIX M**  
**2011 ROAD INVENTORY**  
**SORTED BY SECTION NUMBER**

## ROAD APPRAISAL FORMS

3/20/2012

SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
100	Achray Road	B Line	1.0 Km west	1.0	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$390,000
110	Achray Road	1.0 Km west of B Line	pipe line x-ing	1.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$585,000
120	Achray Road	pipe line x-ing	Doran St. (Co. Rd 26)	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$13,500
150	Biesenthal Road	Achray Rd. (Co. Rd. 28)	Airport Road	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$27,000
160	Biesenthal Road	Airport Road	Petawawa Blvd. (Co. Rd.	1.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$42,000
200	Evergreen Drive	Doran St. (Cty Rd 26)	Dead End	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	\$81,000
250	Priebe Road	Baron Canyon Rd.	Pitzner Road	2.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$21,000
260	Priebe Road	Pitzner Road	Black Bay Road	2.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$0
300	Airport Road	Petawawa Blvd. (Co.	Biesenthal Road	0.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$0
310	Airport Road	Biesenthal Road	Doran Street (Co. Rd. 26)	2.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$0
320	Airport Road	Doran Road (County	0.8 km Westerly	0.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$10,000
330	Airport Road	0.8km W of Doran (Co.	Cul de Sac	0.7	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$189,000
340	Pitzner Road	Priebe Road	Cul de Sac	0.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
350	Sylvan Drive	Airport Road	Airport Road	1.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	\$445,000
400	Pitzner Road	Priebe Road	0.8 km West	0.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
450	Kohut Drive	Airport Road	Cul De Sac	0.4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$108,000
500	Len Hopkins Drive	Black Bay Road	Airport Road	2.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$597,000
550	Black Bay Road	Petawawa Blvd (Co.	Doran Rd. (Co. Rd. 26)	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$22,500
560	Black Bay Road	Doran Road (Co. Rd. 26)	Highway 17	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$18,000

## ROAD APPRAISAL FORMS

3/20/2012

SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
570	Black Bay Road	Highway # 17	Eichstaedt Road	2.9	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$29,000
580	Black Bay Road	Eichstaedt Road	End Pavement	2.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$21,000
590	Black Bay Road	End of pavement	End	0.4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
600	Summers Road	Black Bay Road	0.3 km West	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$10,000
650	Eichstaedt Road	Black Bay Road	End	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$81,000
660	Eichstaedt Road	Black Bay Road	Murphy Road	0.9	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$11,250
700	Plum Tree Lane	Black Bay Road	End	0.4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	\$108,000
750	Melody Trail	Black Bay Road	End	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
800	Murphy Road	Highway 17	Rantz Road (West)	2.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$31,250
850	Portage Road	Murphy Rd. (Co. Rd. 37)	1.3 km. NW Murphy Rd.	1.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$208,000
860	Portage Road	1.3 km NW Murphy Rd.	Former Village Limits	1.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$492,000
900	Rantz Road - East Leg	Murphy Road (east	1.0 km North of Murphy Road	1.0	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$270,000
905	Rantz Road -North Leg	1.0 km N. Murphy Rd.	2.3 km N. Murphy Rd.	1.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
910	Rantz Road - North Leg	2.3 km N. Murphy Rd.	Murphy Road (west end)	1.0	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	\$295,000
920	Rantz Road	Murphy Road	1.8 km W. Murphy Rd.	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$350,500
930	Rantz Road	1.8 km W Murphy Rd.	End of Pavement	0.7	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$0
940	Rantz Road	End Pavement	Shamess Road	1.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
950	Shamess Road	Rantz Road	1.3 km W Rantz Rd.	1.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9	\$13,000
960	Shamess Road	1.3 km W Rantz Rd.	End	0.7	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	\$448,000

## ROAD APPRAISAL FORMS

3/20/2012

SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
1000	Golf Course Road	Petawawa Blvd (Co.	Laurentian Valley Twp	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	\$117,000
1005	Fairway Drive	Golf Course Road	cul-de-sac	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$2,000
1050	First Avenue	Centre Street	Golf Course Road	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$1,000
1075	Easy Street	Golf Course Road	Centre Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
1100	Pinegrove Crescent	Centre Street	Golf Course Road	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
1105	Pinegrove Crescent	Ruth Street	Centre Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
1125	Lakeview Avenue	Golf Course Road	Centre Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$3,000
1130	Lakeview Avenue	Centre Street	Ruth Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
1150	Centre Street	First Avenue	Pinegrove Crescent	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
1155	Centre Street	Pinegrove Crescent	Lakeview Avenue	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
1175	McGuire Street	Ruth Street	Centre Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
1180	McGuire Street	Risto Road	Ruth Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
1200	Ruth Street	Lakeview Avenue	McGuire Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
1225	MacGregor Bay Trail	McGuire Street	End of Town ROW	0.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	\$0
1250	Risto Road	Springhill Court	McGuire Street	0.6	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$256,000
1255	Risto Road	Petawawa Blvd (Co.	Springhill Court	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$41,000
1275	Springhill Court	Petawawa Blvd (Co.	Risto Road	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	\$54,000
1300	Brumm Road	Petawawa Blvd. (Co.	Achray Road	0.8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$241,000
1325	Garwin Street S.	Petawawa Blvd. (Co.	Sharon Street S.	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0

## ROAD APPRAISAL FORMS

3/20/2012

SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
1330	Garwin Street North	Petawawa Blvd. (Co.	Birch Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
1350	Pineridge Crescent	Garwin Street	Birch @ Elton St.	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$210,000
1375	Elton Street	Birch Street	Pineridge Cres.	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
1400	Doris Street	Birch Street	Pineridge Cres.	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$84,000
1425	Birch Street	Elton Street	River Drive	0.6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$252,000
1450	George Street	Pine Street	Garwin Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
1475	Sharon Street North	Petawawa Blvd. (Co.	Birch Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
1480	Sharon Street S.	Petawawa Blvd. (Co.	End	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,000
1500	Pine Street	River Drive	George Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
1525	Ann Street	Sharon Street	River Drive	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
1550	River Drive	Petawawa Blvd. (Co.	Top of Hill	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$168,000
1555	River Drive	Top of Hill	Bottom of Hill	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$64,000
1560	River Drive	Bottom of hill	Bend at river	0.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$5,000
1565	River Drive	Bend at river	Radke Road	1.0	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
2000	Radtke Road	Petawawa Blvd. (Co.	Bottom of Hill	0.7	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$294,000
2005	Radtke Road	Bottom of Hill	0.5 km Easterly	0.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$135,000
2010	Radtke Road	0.5 km E. Bottom of Hill	River Drive	0.7	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$11,750
2015	Radke Road	River Drive	End	0.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$64,000
2025	Behnke Crescent	Radtke Rd. (at River)	Corner	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$4,500

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
2030	Behnke Crescent	Corner	Southshore Dr.	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$3,000
2035	Behnke Crescent	Southshore Drive	Radtke Road	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$4,500
2050	South Shore Drive	Behnke Crescent	Westend Cul-de-sac	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,000
2075	Runge Drive	Radtke Road	End (Runge Drive)	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$13,500
2100	Dennis Crescent	Runge Drive	Radtke Road	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$4,000
2125	Oelke Street	Petawawa Blvd. (Co.	Sack Road	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$4,750
2150	White Street	Kramer Avenue	Oelke Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,500
2175	Kramer Avenue	Sack Road	Cul de Sac	0.6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$9,500
2200	Schwantz Road	Petawawa Blvd. (Co.	Laurentian Dr. (Co. Rd. 25)	1.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$487,000
2225	Sack Road	Schwantz Road	Kramer Avenue	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$126,000
2230	Sack Road	Kramer Avenue	Bottom of Hill	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$2,500
2235	Sack Road	Bottom of Hill	End of Pavement	1.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$15,500
2240	Sack Road	End of Pavement	Sack Gate (Dead End)	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
2250	Isabel Street	Sack Road	Schwantz Road	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$126,000
2275	Sandy Drive	Isabel Street	Country Lane	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$84,000
2300	Country Lane	Schwantz Road	Gutzman Road	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$420,000
2325	Heritage Drive	Country Lane	Gutzman Road	0.8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$8,000
2350	Chippewa Road	Country Lane	Heritage Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$84,000
2375	Viking Road	Country Lane	Heritage Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$84,000



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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
2400	Arrowhead Road	Country Lane	Heritage Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$84,000
3000	Gutzman Road	Petawawa Blvd. (Co.	Laurentian Dr. (Co. Rd. 25)	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$18,000
3005	Gutzman Road	Laurentian Dr. (Co. Rd.	Country Lane/Selley St.	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,750
3010	Gutzman Road	Country Lane/Selley	Bottom of Hill	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$0
3015	Gutzman Road	Bottom of Hill	Dead End	1.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10	\$11,000
3025	Mueller Crescent	Laurentian Dr. (Co. Rd.	Laurentian Dr. (Co. Rd. 25)	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$7,250
3050	Selley Street	Laurentian Dr. (Co. Rd.	Gutzman Road	0.6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$7,500
3075	Mackay Street	Selley Street	Selley Street	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$4,000
3100	Ravenwood Crescent	Laurentian Dr. (Co. Rd.	Laurentian Dr. (Co. Rd. 25)	0.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$10,000
3125	Peppertree	Laurentian Dr. (Co. Rd.	Ravenwood Cres.	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$4,750
3150	Sunset Crescent	Laurentian Dr. (Co. Rd.	Laurentian Dr. (Co. Rd. 25)	0.9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$11,250
3175	Elmer Avenue	Laurentian Dr. (Co. Rd.	Sunset Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,750
3200	Silke Drive	Petawawa Blvd. (Co.	Laurentian Drive	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$210,000
3225	Michael Crescent	Peter Street	Charles Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$4,750
3250	Peter Street	Edward Street	Michael Crescent	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,250
3300	William Street	Edward Street	Silke Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,250
3325	Charles Street	Michael Street	Peter Street	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$168,000
3350	Janet Street	Petawawa Blvd. (Co.	Cul de Sac	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
3355	Limestone Trail	Petawawa Blvd (Co.	Laurentian Drive (Co. Rd.	0.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
3360	Boulder Creek Trail	Limestone Trail	Hydro R.O.W.	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3365	Boulder Creek Trail	Limestone Trail	Sandstone Crescent	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3370	Turning Stone Crescent	Limestone Trail	Limestone Trail	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3375	Sandstone Crescent	Limestone Trail	Limestone Trail	0.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3380	Riverstone Trail	Limestone Trail	Boulder Creek Drive	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3395	Renfrew Street	Limestone Trail	Beer Store	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3400	Renfrew Street	Petawawa Blvd (Co.	Beer Store	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$125,000
3405	Highland Park Drive	Civic Centre Road	Winfield Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3406	Highland Park Drive	Winfield Street	300 East of Winfield Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3410	Concord Street	Highland Park Drive	Highland Park Drive	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3415	Winfield Street	Highland Park Drive	Greenbank Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3416	Winfield Street	Greenbank Street	Morningstar Street	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3420	Morning Star Street	Winfield Street W.	Winfield Street E.	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3425	Greenbank Street	Civic Centre Road	Winfield Street	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
4000	New Street	Petawawa Blvd. (Co.	Hoffman Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$84,000
4025	Poplar Street	New Steet	Labine Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$126,000
4050	Victor Street	Poplar Street	Hoffman Street	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$42,000
4075	Hoffman Street	New Street	Labine Crescent	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$168,000
4100	Labine Crescent	Hoffman Street	Poplar Street	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$294,000

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
4125	Industrial Avenue	Black Bay Road	Labine Street	1.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$451,000
4150	Water Tower Road	Industrial Road	End	0.4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$5,000
4175	Carla Crescent	Black Bay Road	Derek Drive	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$8,500
4180	Carla Street	Derek Drive	Cardinal Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
4200	Jamie Street	Carla Street	Carla Street	0.8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$10,000
4225	Jason Street	Carla Street	Jamie Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,500
4250	Derek Drive	Doran St, (Co. Rd. 26)	Carla Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$126,000
4275	Steffen Street	Doran St. (Co. Rd. 26)	Carla Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
4300	Cardinal Crescent	Doran St. (Co. Rd. 26)	Doran St. (Co. Rd. 26)	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$12,500
4325	Chickadee Trail	Bluejay Way	Cardinal Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$3,750
4350	Bluejay Way	Cardinal Crescent	Cardinal Crescent	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$6,250
4375	Nuthatch Drive	Cardinal Crescent	Murphy Rd (Co. Rd. 37)	0.6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
4400	Oriole Crescent - South Leg	Nuthatch Drive	Oriole Crescent -	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
4425	Oriole Crescent - West Leg	Oriole Crescent -	Oriole Crescent -	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
4450	Oriole Crescent - North Leg	Nuthatch Drive	Oriole Crescent -	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
4475	Hummingbird Lane	Nuthatch Drive	Oriole Crescent -	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
5000	Albert Street	Victoria St. (Co. Rd. 16)	Alice St./Tall Pines Rd.	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$168,000
5005	Albert Street	Island View Drive	Alice St/Tall Pines Rd	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$4,000
5025	Tall Pines Road	Albert Street	End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$34,000

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
5050	Louise Street	Albert Street	End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$42,000
5075	North Street	Albert Street	End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$34,000
5100	Alexander Street	Albert Street	End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$42,000
5125	Island View Drive	South Cul de Sac	North Cul de Sac	0.7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
5130	Island View Drive	North Cul-de-Sac	North Cul-de-Sac	0.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$27,000
5150	Alice Street	Albert Street	East Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
5175	Point Crescent	Edward Street	East Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
5200	Van Hoof Street	Edward Street	S. End Cul-de-sac	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$42,000
5225	Edward Street	East Street	Albert Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
5230	Edward Street	Earl Street	East Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$2,500
5250	Victoria Street	Albert Street	East Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,000
5275	East Street	Island View Drive	Abbie Lane	0.9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$378,000
5300	Abbie Lane	East Street	East End	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$123,000
5325	Jan Drive	Abby Lane	Edward Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,750
5350	Irma Street	Jan Drive	Earl Street	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$1,250
5375	Earl Street	Irma Street	Cul-de-sac	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$300,000
5400	Bayshore Drive	Earl Street	Cul-de-sac	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,500
6000	Civic Center Road	Petawawa Blvd. (Co.	0.2km, N. of Petawawa Blvd	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6005	Civic Center Road	0.2km North of Petawawa	Laurentian Drive (Co. Rd.	0.8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$1,352,000

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
6025	Civic Center Entrance	Civic Center Road	Cartier St. DND Bndry.	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6050	Dundonald Drive	Petawawa Blvd. (Co.	0.3 km N. DND Bndry	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6075	Vereyken Crescent	Dundonald Drive	Dutch Drive	0.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$375,000
6100	Dutch Drive	Cartier St. (Civic Centre	Vereyken Cres.	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$150,000
6125	Wilbert Street	Fred Street	Dundonald Drive	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$168,000
6150	Fred Street	Petawawa Blvd. (Co.	Wilbert Street	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$42,000
6175	Maple Avenue	Petawawa Blvd. (Co.	Ethel Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6200	Pine Place	Maple Avenue	Cul-de-sac	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6250	Mohns Ave	Violet Street	Petawawa Blvd.	0.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$267,500
6255	Mohns Avenue	Wolfe Avenue	Violet Street	0.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$10,000
6275	Willard Street	Mohns Avenue	Victoria St. (Co. Rd. 16)	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$62,000
6300	Ethel Street	Victoria St. (Co. Rd. 16)	Maple Avenue	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$4,000
6325	Violet Street	Victoria Street	Cul-de-sac	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$3,750
6350	Wolfe Avenue	Victoria Street	S.Townsite DND Bndry	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$15,000
6375	Armstrong Road	Victoria Street	Victoria Street	0.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$8,000
6400	Alfred Street	Victoria Street	North End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$42,000
6425	West Street	Victoria Street	End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$5,000
6450	Vermont Meadows	Victoria Street	Northbrook Road	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$52,500
6475	Summit Trail	West End Cul-de-sac	East End	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$11,250

## ROAD APPRAISAL FORMS

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
6500	Northbrook Road	Summit Trail	Victoria Street	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$2,500
6525	Algonquin Street	Victoria St. (Co. Rd. 16)	End	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6550	Park Drive	Algonquin Street	Algonquin Street	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$210,000
6575	Harry Street	Algonquin Street	0.1 km West	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6580	Harry Street	Bert Street	0.1.km W of Algonquin	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,000
6585	Harry Street	Bert Street	North End	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$84,000
6600	Bert Street	Petawawa Blvd. (Co.	Harry Street	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$1,000
6605	Bert Street	Harry Street	Algonquin Street	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7000	Herman Street	Murphy Road	John Street	0.8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$1,416,000
7005	Herman Street	John Street	Selkirk Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$73,200
7025	Laroche Crescent	Herman Street	Herman Street	0.6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$252,000
7050	James Street	Laroche Street	Laroche Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
7075	Roy Street	Mary Street	Murphy Rd. (Co. Rd. 37)	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$168,000
7100	John Street	Murphy Rd. (Co. Rd. 37)	Herman Street	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$708,000
7105	John Street	Herman Street	RR tracks	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$885,000
7125	Norman Street	Mary Street	Railway Tracks	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$141,000
7150	Mary Street	Herman Street	Cul-de-sac - south of	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$141,000
7155	Mary Street	Railway Tracks	Herman Street	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$979,000
7175	Laura Street	Doran Street	Railway Tracks	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$369,000

## ROAD APPRAISAL FORMS

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
7200	Edith Street	Doran Road	Mary Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$126,000
7204	Edith Street	Selkirk Street	Doran Road	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7205	Edith Street	Briarwood Drive	Selkirk	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$1,250
7210	Edith Street	Briarwood Drive	Oak Street	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$1,000
7225	Selkirk Street	Russell Street	Woodland Crescent	0.9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7230	Selkirk Street	Woodland Crescent	Murphy Rd. (Co. Rd. 37)	0.9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$378,000
7250	Briarwood Drive	Edith Street	Cul-de-sac	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$5,000
7255	Spruce Street	Edith Street	Woodland Crescent	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$4,000
7260	Oak Street	Edith Street	Woodland Crescent North	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7275	Patricia Street	Briarwood Drive	Selkirk Street	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$1,250
7280	Patricia Street	Selkirk Street	Doran Street (Co. Rd. 26)	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7500	Woodland Cres. N. leg	Selkirk Street	Woodland Cres. W. leg	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$708,000
7505	Woodland Cres. W. leg	Murphy Road	Woodland Cres. N. leg	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$5,000
7510	Woodland Cres. S. leg	Hemlock Street	Woodland Cres. W. leg	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
7525	Hemlock Street	Murphy Rd. (Co. Rd. 37)	Woodland Cres. N.	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$708,000
7550	Spruce Street	Woodland Cres. N. leg	Woodland Cres. S. leg	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
7575	Oak Avenue	Woodland Cres. N. leg	Woodland Cres. S. leg	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$5,000
7600	Russell Street	Audrey Street	Selkirk Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7605	Russell Street	Audrey Street	Sammy Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000

## ROAD APPRAISAL FORMS

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
7625	Sammy Drive	Russell Street	End	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
7650	Audrey Street	Hilda Street	Russell Street	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7655	Audrey Street	Portage Road	Hilda Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$2,500
7675	Hilda Street	Audrey Street	Doran St. (Co. Rd. 26)	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$885,000
7680	Hilda Street	Hilda Court	Audrey Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$219,000
7685	Hilda Street	Lisa Crescent	Hilda Court	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$42,000
7700	Hilda Court	Hilda Street	Hilda Street	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$42,000
7725	Lisa Crescent	Scott Avenue	End Cul-de-sac	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$168,000
7750	Scott Avenue	Portage Road	Hilda Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$354,000
7755	Scott Avenue	Daniel Avenue	Portage Road	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$1,250
7775	Florence Street	Hilda Street	Portage Road	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
7800	Craig Place	Florence Street	Cul-de-sac	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$42,000
7825	Portage Road	Petawawa Blvd. (Co.	Florence Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$531,000
7830	Portage Road	Florence Street	former Village limits	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$6,250
7850	Wilson Avenue	Portage Road	Gerald Avenue	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$1,000
7875	Daniel Avenue	Wilson Avenue	Scott Street	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,500
7880	Daniel Avenue	Scott Street	End	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7885	Gerald Avenue	Wilson Avenue	End	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
<b>Total</b>				<b>119.7</b>								



**APPENDIX N**  
**2011 ROAD INVENTORY**  
**SORTED ALPHABETICALLY**

## ROAD APPRAISAL FORMS

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
5300	Abbie Lane	East Street	East End	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$123,000
100	Achray Road	B Line	1.0 Km west	1.0	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$390,000
110	Achray Road	1.0 Km west of B Line	pipe line x-ing	1.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$585,000
120	Achray Road	pipe line x-ing	Doran St. (Co. Rd 26)	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$13,500
300	Airport Road	Petawawa Blvd. (Co.	Biesenthal Road	0.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$0
310	Airport Road	Biesenthal Road	Doran Street (Co. Rd. 26)	2.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$0
320	Airport Road	Doran Road (County	0.8 km Westerly	0.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$10,000
330	Airport Road	0.8km W of Doran (Co.	Cul de Sac	0.7	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$189,000
5000	Albert Street	Victoria St. (Co. Rd. 16)	Alice St./Tall Pines Rd.	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$168,000
5005	Albert Street	Island View Drive	Alice St/Tall Pines Rd	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$4,000
5100	Alexander Street	Albert Street	End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$42,000
6400	Alfred Street	Victoria Street	North End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$42,000
6525	Algonquin Street	Victoria St. (Co. Rd. 16)	End	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
5150	Alice Street	Albert Street	East Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
1525	Ann Street	Sharon Street	River Drive	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
6375	Armstrong Road	Victoria Street	Victoria Street	0.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$8,000
2400	Arrowhead Road	Country Lane	Heritage Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$84,000
7650	Audrey Street	Hilda Street	Russell Street	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7655	Audrey Street	Portage Road	Hilda Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$2,500

## ROAD APPRAISAL FORMS

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
5400	Bayshore Drive	Earl Street	Cul-de-sac	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,500
2025	Behnke Crescent	Radtke Rd. (at River)	Corner	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$4,500
2030	Behnke Crescent	Corner	Southshore Dr.	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$3,000
2035	Behnke Crescent	Southshore Drive	Radtke Road	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$4,500
6600	Bert Street	Petawawa Blvd. (Co.	Harry Street	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$1,000
6605	Bert Street	Harry Street	Algonquin Street	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
150	Biesenthal Road	Achray Rd. (Co. Rd. 28)	Airport Road	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$27,000
160	Biesenthal Road	Airport Road	Petawawa Blvd. (Co. Rd.	1.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$42,000
1425	Birch Street	Elton Street	River Drive	0.6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$252,000
550	Black Bay Road	Petawawa Blvd (Co.	Doran Rd. (Co. Rd. 26)	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$22,500
560	Black Bay Road	Doran Road (Co. Rd. 26)	Highway 17	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$18,000
570	Black Bay Road	Highway # 17	Eichstaedt Road	2.9	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$29,000
580	Black Bay Road	Eichstaedt Road	End Pavement	2.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$21,000
590	Black Bay Road	End of pavement	End	0.4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
4350	Bluejay Way	Cardinal Crescent	Cardinal Crescent	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$6,250
3360	Boulder Creek Trail	Limestone Trail	Hydro R.O.W.	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3365	Boulder Creek Trail	Limestone Trail	Sandstone Crescent	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7250	Briarwood Drive	Edith Street	Cul-de-sac	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$5,000
1300	Brumm Road	Petawawa Blvd. (Co.	Achray Road	0.8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$241,000

## ROAD APPRAISAL FORMS

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
4300	Cardinal Crescent	Doran St. (Co. Rd. 26)	Doran St. (Co. Rd. 26)	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$12,500
4175	Carla Crescent	Black Bay Road	Derek Drive	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$8,500
4180	Carla Street	Derek Drive	Cardinal Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
1150	Centre Street	First Avenue	Pinegrove Crescent	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
1155	Centre Street	Pinegrove Crescent	Lakeview Avenue	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3325	Charles Street	Michael Street	Peter Street	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$168,000
4325	Chickadee Trail	Bluejay Way	Cardinal Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$3,750
2350	Chippewa Road	Country Lane	Heritage Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$84,000
6025	Civic Center Entrance	Civic Center Road	Cartier St. DND Bndry.	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6000	Civic Center Road	Petawawa Blvd. (Co.	0.2km, N. of Petawawa Blvd	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6005	Civic Center Road	0.2km North of Petawawa	Laurentian Drive (Co. Rd.	0.8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$1,352,000
3410	Concord Street	Highland Park Drive	Highland Park Drive	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
2300	Country Lane	Schwantz Road	Gutzman Road	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$420,000
7800	Craig Place	Florence Street	Cul-de-sac	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$42,000
7875	Daniel Avenue	Wilson Avenue	Scott Street	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,500
7880	Daniel Avenue	Scott Street	End	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
2100	Dennis Crescent	Runge Drive	Radtke Road	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$4,000
4250	Derek Drive	Doran St, (Co. Rd. 26)	Carla Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$126,000
1400	Doris Street	Birch Street	Pineridge Cres.	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$84,000

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
6050	Dundonald Drive	Petawawa Blvd. (Co.	0.3 km N. DND Bndry	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6100	Dutch Drive	Cartier St. (Civic Centre	Vereyken Cres.	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$150,000
5375	Earl Street	Irma Street	Cul-de-sac	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$300,000
5275	East Street	Island View Drive	Abbie Lane	0.9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$378,000
1075	Easy Street	Golf Course Road	Centre Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
7200	Edith Street	Doran Road	Mary Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$126,000
7204	Edith Street	Selkirk Street	Doran Road	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7205	Edith Street	Briarwood Drive	Selkirk	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$1,250
7210	Edith Street	Briarwood Drive	Oak Street	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$1,000
5225	Edward Street	East Street	Albert Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
5230	Edward Street	Earl Street	East Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$2,500
650	Eichstaedt Road	Black Bay Road	End	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$81,000
660	Eichstaedt Road	Black Bay Road	Murphy Road	0.9	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$11,250
3175	Elmer Avenue	Laurentian Dr. (Co. Rd.	Sunset Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,750
1375	Elton Street	Birch Street	Pineridge Cres.	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
6300	Ethel Street	Victoria St. (Co. Rd. 16)	Maple Avenue	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$4,000
200	Evergreen Drive	Doran St. (Cty Rd 26)	Dead End	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	\$81,000
1005	Fairway Drive	Golf Course Road	cul-de-sac	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$2,000
1050	First Avenue	Centre Street	Golf Course Road	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$1,000

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
7775	Florence Street	Hilda Street	Portage Road	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
6150	Fred Street	Petawawa Blvd. (Co.	Wilbert Street	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$42,000
1330	Garwin Street North	Petawawa Blvd. (Co.	Birch Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
1325	Garwin Street S.	Petawawa Blvd. (Co.	Sharon Street S.	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
1450	George Street	Pine Street	Garwin Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
7885	Gerald Avenue	Wilson Avenue	End	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
1000	Golf Course Road	Petawawa Blvd (Co.	Laurentian Valley Twp	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	\$117,000
3425	Greenbank Street	Civic Centre Road	Winfield Street	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3000	Gutzman Road	Petawawa Blvd. (Co.	Laurentian Dr. (Co. Rd. 25)	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$18,000
3005	Gutzman Road	Laurentian Dr. (Co. Rd.	Country Lane/Selley St.	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,750
3010	Gutzman Road	Country Lane/Selley	Bottom of Hill	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$0
3015	Gutzman Road	Bottom of Hill	Dead End	1.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10	\$11,000
6575	Harry Street	Algonquin Street	0.1 km West	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6580	Harry Street	Bert Street	0.1.km W of Algonquin	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,000
6585	Harry Street	Bert Street	North End	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$84,000
7525	Hemlock Street	Murphy Rd. (Co. Rd. 37)	Woodland Cres. N.	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$708,000
2325	Heritage Drive	Country Lane	Gutzman Road	0.8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$8,000
7000	Herman Street	Murphy Road	John Street	0.8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$1,416,000
7005	Herman Street	John Street	Selkirk Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$73,200

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
3405	Highland Park Drive	Civic Centre Road	Winfield Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3406	Highland Park Drive	Winfield Street	300 East of Winfield Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7700	Hilda Court	Hilda Street	Hilda Street	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$42,000
7675	Hilda Street	Audrey Street	Doran St. (Co. Rd. 26)	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$885,000
7680	Hilda Street	Hilda Court	Audrey Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$219,000
7685	Hilda Street	Lisa Crescent	Hilda Court	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$42,000
4075	Hoffman Street	New Street	Labine Crescent	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$168,000
4475	Hummingbird Lane	Nuthatch Drive	Oriole Crescent -	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
4125	Industrial Avenue	Black Bay Road	Labine Street	1.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$451,000
5350	Irma Street	Jan Drive	Earl Street	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$1,250
2250	Isabel Street	Sack Road	Schwantz Road	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$126,000
5125	Island View Drive	South Cul de Sac	North Cul de Sac	0.7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
5130	Island View Drive	North Cul-de-Sac	North Cul-de-Sac	0.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$27,000
7050	James Street	Laroche Street	Laroche Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
4200	Jamie Street	Carla Street	Carla Street	0.8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$10,000
5325	Jan Drive	Abby Lane	Edward Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,750
3350	Janet Street	Petawawa Blvd. (Co.	Cul de Sac	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
4225	Jason Street	Carla Street	Jamie Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,500
7100	John Street	Murphy Rd. (Co. Rd. 37)	Herman Street	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$708,000

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
7105	John Street	Herman Street	RR tracks	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$885,000
450	Kohut Drive	Airport Road	Cul De Sac	0.4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$108,000
2175	Kramer Avenue	Sack Road	Cul de Sac	0.6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$9,500
4100	Labine Crescent	Hoffman Street	Poplar Street	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$294,000
1125	Lakeview Avenue	Golf Course Road	Centre Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$3,000
1130	Lakeview Avenue	Centre Street	Ruth Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
7025	Laroche Crescent	Herman Street	Herman Street	0.6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$252,000
7175	Laura Street	Doran Street	Railway Tracks	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$369,000
500	Len Hopkins Drive	Black Bay Road	Airport Road	2.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$597,000
3355	Limestone Trail	Petawawa Blvd (Co.	Laurentian Drive (Co. Rd.	0.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7725	Lisa Crescent	Scott Avenue	End Cul-de-sac	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$168,000
5050	Louise Street	Albert Street	End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$42,000
1225	MacGregor Bay Trail	McGuire Street	End of Town ROW	0.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	\$0
3075	Mackay Street	Selley Street	Selley Street	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$4,000
6175	Maple Avenue	Petawawa Blvd. (Co.	Ethel Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7150	Mary Street	Herman Street	Cul-de-sac - south of	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$141,000
7155	Mary Street	Railway Tracks	Herman Street	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$979,000
1175	McGuire Street	Ruth Street	Centre Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
1180	McGuire Street	Risto Road	Ruth Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000



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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
750	Melody Trail	Black Bay Road	End	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
3225	Michael Crescent	Peter Street	Charles Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$4,750
6250	Mohns Ave	Violet Street	Petawawa Blvd.	0.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$267,500
6255	Mohns Avenue	Wolfe Avenue	Violet Street	0.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$10,000
3420	Morning Star Street	Winfield Street W.	Winfield Street E.	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3025	Mueller Crescent	Laurentian Dr. (Co. Rd.	Laurentian Dr. (Co. Rd. 25)	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$7,250
800	Murphy Road	Highway 17	Rantz Road (West)	2.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$31,250
4000	New Street	Petawawa Blvd. (Co.	Hoffman Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$84,000
7125	Norman Street	Mary Street	Railway Tracks	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$141,000
5075	North Street	Albert Street	End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$34,000
6500	Northbrook Road	Summit Trail	Victoria Street	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$2,500
4375	Nuthatch Drive	Cardinal Crescent	Murphy Rd (Co. Rd. 37)	0.6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7575	Oak Avenue	Woodland Cres. N. leg	Woodland Cres. S. leg	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$5,000
7260	Oak Street	Edith Street	Woodland Crescent North	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
2125	Oelke Street	Petawawa Blvd. (Co.	Sack Road	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$4,750
4450	Oriole Crescent - North Leg	Nuthatch Drive	Oriole Crescent -	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
4400	Oriole Crescent - South Leg	Nuthatch Drive	Oriole Crescent -	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
4425	Oriole Crescent - West Leg	Oriole Crescent -	Oriole Crescent -	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6550	Park Drive	Algonquin Street	Algonquin Street	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$210,000

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
7275	Patricia Street	Briarwood Drive	Selkirk Street	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$1,250
7280	Patricia Street	Selkirk Street	Doran Street (Co. Rd. 26)	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3125	Peppertree	Laurentian Dr. (Co. Rd.	Ravenwood Cres.	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$4,750
3250	Peter Street	Edward Street	Michael Crescent	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,250
6200	Pine Place	Maple Avenue	Cul-de-sac	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
1500	Pine Street	River Drive	George Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
1100	Pinegrove Crescent	Centre Street	Golf Course Road	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
1105	Pinegrove Crescent	Ruth Street	Centre Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
1350	Pineridge Crescent	Garwin Street	Birch @ Elton St.	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$210,000
340	Pitzner Road	Priebe Road	Cul de Sac	0.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
400	Pitzner Road	Priebe Road	0.8 km West	0.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
700	Plum Tree Lane	Black Bay Road	End	0.4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	\$108,000
5175	Point Crescent	Edward Street	East Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
4025	Poplar Street	New Steet	Labine Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$126,000
850	Portage Road	Murphy Rd. (Co. Rd. 37)	1.3 km. NW Murphy Rd.	1.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$208,000
860	Portage Road	1.3 km NW Murphy Rd.	Former Village Limits	1.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$492,000
7825	Portage Road	Petawawa Blvd. (Co.	Florence Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$531,000
7830	Portage Road	Florence Street	former Village limits	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$6,250
250	Priebe Road	Baron Canyon Rd.	Pitzner Road	2.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$21,000

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
260	Priebe Road	Pitzner Road	Black Bay Road	2.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$0
2015	Radke Road	River Drive	End	0.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$64,000
2000	Radtke Road	Petawawa Blvd. (Co.	Bottom of Hill	0.7	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$294,000
2005	Radtke Road	Bottom of Hill	0.5 km Easterly	0.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$135,000
2010	Radtke Road	0.5 km E. Bottom of Hill	River Drive	0.7	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$11,750
920	Rantz Road	Murphy Road	1.8 km W. Murphy Rd.	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$350,500
930	Rantz Road	1.8 km W Murphy Rd.	End of Pavement	0.7	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$0
940	Rantz Road	End Pavement	Shamess Road	1.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
900	Rantz Road - East Leg	Murphy Road (east	1.0 km North of Murphy Road	1.0	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$270,000
910	Rantz Road - North Leg	2.3 km N. Murphy Rd.	Murphy Road (west end)	1.0	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	\$295,000
905	Rantz Road -North Leg	1.0 km N. Murphy Rd.	2.3 km N. Murphy Rd.	1.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3100	Ravenwood Crescent	Laurentian Dr. (Co. Rd.	Laurentian Dr. (Co. Rd. 25)	0.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$10,000
3395	Renfrew Street	Limestone Trail	Beer Store	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3400	Renfrew Street	Petawawa Blvd (Co.	Beer Store	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$125,000
1250	Risto Road	Springhill Court	McGuire Street	0.6	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$256,000
1255	Risto Road	Petawawa Blvd (Co.	Springhill Court	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$41,000
1550	River Drive	Petawawa Blvd. (Co.	Top of Hill	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$168,000
1555	River Drive	Top of Hill	Bottom of Hill	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$64,000
1560	River Drive	Bottom of hill	Bend at river	0.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$5,000

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
1565	River Drive	Bend at river	Radke Road	1.0	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3380	Riverstone Trail	Limestone Trail	Boulder Creek Drive	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7075	Roy Street	Mary Street	Murphy Rd. (Co. Rd. 37)	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$168,000
2075	Runge Drive	Radtke Road	End (Runge Drive)	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$13,500
7600	Russell Street	Audrey Street	Selkirk Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7605	Russell Street	Audrey Street	Sammy Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
1200	Ruth Street	Lakeview Avenue	McGuire Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
2225	Sack Road	Schwantz Road	Kramer Avenue	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$126,000
2230	Sack Road	Kramer Avenue	Bottom of Hill	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$2,500
2235	Sack Road	Bottom of Hill	End of Pavement	1.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$15,500
2240	Sack Road	End of Pavement	Sack Gate (Dead End)	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
7625	Sammy Drive	Russell Street	End	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
3375	Sandstone Crescent	Limestone Trail	Limestone Trail	0.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
2275	Sandy Drive	Isabel Street	Country Lane	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$84,000
2200	Schwantz Road	Petawawa Blvd. (Co.	Laurentian Dr. (Co. Rd. 25)	1.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$487,000
7750	Scott Avenue	Portage Road	Hilda Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$354,000
7755	Scott Avenue	Daniel Avenue	Portage Road	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$1,250
7225	Selkirk Street	Russell Street	Woodland Crescent	0.9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7230	Selkirk Street	Woodland Crescent	Murphy Rd. (Co. Rd. 37)	0.9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$378,000

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
3050	Selley Street	Laurentian Dr. (Co. Rd.	Gutzman Road	0.6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$7,500
950	Shamess Road	Rantz Road	1.3 km W Rantz Rd.	1.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9	\$13,000
960	Shamess Road	1.3 km W Rantz Rd.	End	0.7	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	\$448,000
1475	Sharon Street North	Petawawa Blvd. (Co.	Birch Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
1480	Sharon Street S.	Petawawa Blvd. (Co.	End	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,000
3200	Silke Drive	Petawawa Blvd. (Co.	Laurentian Drive	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$210,000
2050	South Shore Drive	Behnke Crescent	Westend Cul-de-sac	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,000
1275	Springhill Court	Petawawa Blvd (Co.	Risto Road	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	\$54,000
7255	Spruce Street	Edith Street	Woodland Crescent	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$4,000
7550	Spruce Street	Woodland Cres. N. leg	Woodland Cres. S. leg	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
4275	Steffen Street	Doran St. (Co. Rd. 26)	Carla Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
600	Summers Road	Black Bay Road	0.3 km West	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$10,000
6475	Summit Trail	West End Cul-de-sac	East End	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$11,250
3150	Sunset Crescent	Laurentian Dr. (Co. Rd.	Laurentian Dr. (Co. Rd. 25)	0.9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$11,250
350	Sylvan Drive	Airport Road	Airport Road	1.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	\$445,000
5025	Tall Pines Road	Albert Street	End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$34,000
3370	Turning Stone Crescent	Limestone Trail	Limestone Trail	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
5200	Van Hoof Street	Edward Street	S. End Cul-de-sac	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$42,000
6075	Vereyken Crescent	Dundonald Drive	Dutch Drive	0.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$375,000

## ROAD APPRAISAL FORMS

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
6450	Vermont Meadows	Victoria Street	Northbrook Road	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$52,500
4050	Victor Street	Poplar Street	Hoffman Street	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$42,000
5250	Victoria Street	Albert Street	East Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,000
2375	Viking Road	Country Lane	Heritage Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$84,000
6325	Violet Street	Victoria Street	Cul-de-sac	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$3,750
4150	Water Tower Road	Industrial Road	End	0.4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$5,000
6425	West Street	Victoria Street	End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$5,000
2150	White Street	Kramer Avenue	Oelke Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,500
6125	Wilbert Street	Fred Street	Dundonald Drive	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$168,000
6275	Willard Street	Mohns Avenue	Victoria St. (Co. Rd. 16)	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$62,000
3300	William Street	Edward Street	Silke Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,250
7850	Wilson Avenue	Portage Road	Gerald Avenue	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$1,000
3415	Winfield Street	Highland Park Drive	Greenbank Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3416	Winfield Street	Greenbank Street	Morningstar Street	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6350	Wolfe Avenue	Victoria Street	S.Townsite DND Bndry	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$15,000
7500	Woodland Cres. N. leg	Selkirk Street	Woodland Cres. W. leg	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$708,000
7510	Woodland Cres. S. leg	Hemlock Street	Woodland Cres. W. leg	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
7505	Woodland Cres. W. leg	Murphy Road	Woodland Cres. N. leg	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$5,000
<b>Total</b>				<b>119.7</b>								

**APPENDIX O**  
**2011 ROAD INVENTORY**  
**SORTED BY CONDITION RATING**

## ROAD APPRAISAL FORMS

3/20/2012

SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
1000	Golf Course Road	Petawawa Blvd (Co.	Laurentian Valley Twp	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	\$117,000
110	Achray Road	1.0 Km west of B Line	pipe line x-ing	1.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$585,000
330	Airport Road	0.8km W of Doran (Co.	Cul de Sac	0.7	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$189,000
5100	Alexander Street	Albert Street	End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$42,000
6400	Alfred Street	Victoria Street	North End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$42,000
650	Eichstaedt Road	Black Bay Road	End	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$81,000
7700	Hilda Court	Hilda Street	Hilda Street	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$42,000
5130	Island View Drive	North Cul-de-Sac	North Cul-de-Sac	0.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$27,000
5050	Louise Street	Albert Street	End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$42,000
700	Plum Tree Lane	Black Bay Road	End	0.4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	2	\$108,000
2015	Radke Road	River Drive	End	0.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	\$64,000
100	Achray Road	B Line	1.0 Km west	1.0	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$390,000
1300	Brumm Road	Petawawa Blvd. (Co.	Achray Road	0.8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$241,000
6005	Civic Center Road	0.2km North of Petawawa	Laurentian Drive (Co. Rd.	0.8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$1,352,000
7800	Craig Place	Florence Street	Cul-de-sac	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$42,000
1400	Doris Street	Birch Street	Pineridge Cres.	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$84,000
200	Evergreen Drive	Doran St. (Cty Rd 26)	Dead End	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	\$81,000
6585	Harry Street	Bert Street	North End	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$84,000
7000	Herman Street	Murphy Road	John Street	0.8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$1,416,000



## ROAD APPRAISAL FORMS

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
900	Rantz Road - East Leg	Murphy Road (east	1.0 km North of Murphy Road	1.0	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$270,000
910	Rantz Road - North Leg	2.3 km N. Murphy Rd.	Murphy Road (west end)	1.0	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	\$295,000
3400	Renfrew Street	Petawawa Blvd (Co.	Beer Store	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$125,000
1250	Risto Road	Springhill Court	McGuire Street	0.6	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	\$256,000
960	Shamess Road	1.3 km W Rantz Rd.	End	0.7	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	\$448,000
350	Sylvan Drive	Airport Road	Airport Road	1.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3	\$445,000
5000	Albert Street	Victoria St. (Co. Rd. 16)	Alice St./Tall Pines Rd.	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$168,000
5150	Alice Street	Albert Street	East Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
1525	Ann Street	Sharon Street	River Drive	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
1425	Birch Street	Elton Street	River Drive	0.6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$252,000
4180	Carla Street	Derek Drive	Cardinal Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
5275	East Street	Island View Drive	Abbie Lane	0.9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$378,000
5225	Edward Street	East Street	Albert Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
1375	Elton Street	Birch Street	Pineridge Cres.	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
7775	Florence Street	Hilda Street	Portage Road	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
6150	Fred Street	Petawawa Blvd. (Co.	Wilbert Street	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$42,000
1330	Garwin Street North	Petawawa Blvd. (Co.	Birch Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
1450	George Street	Pine Street	Garwin Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
7050	James Street	Laroche Street	Laroche Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000

## ROAD APPRAISAL FORMS

3/20/2012

SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
3350	Janet Street	Petawawa Blvd. (Co.	Cul de Sac	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
7100	John Street	Murphy Rd. (Co. Rd. 37)	Herman Street	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$708,000
450	Kohut Drive	Airport Road	Cul De Sac	0.4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$108,000
7025	Laroche Crescent	Herman Street	Herman Street	0.6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$252,000
7150	Mary Street	Herman Street	Cul-de-sac - south of	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$141,000
7125	Norman Street	Mary Street	Railway Tracks	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$141,000
6550	Park Drive	Algonquin Street	Algonquin Street	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$210,000
1500	Pine Street	River Drive	George Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
1350	Pineridge Crescent	Garwin Street	Birch @ Elton St.	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$210,000
5175	Point Crescent	Edward Street	East Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
2000	Radtke Road	Petawawa Blvd. (Co.	Bottom of Hill	0.7	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$294,000
1255	Risto Road	Petawawa Blvd (Co.	Springhill Court	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$41,000
1550	River Drive	Petawawa Blvd. (Co.	Top of Hill	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$168,000
1555	River Drive	Top of Hill	Bottom of Hill	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$64,000
7605	Russell Street	Audrey Street	Sammy Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
7625	Sammy Drive	Russell Street	End	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
2200	Schwantz Road	Petawawa Blvd. (Co.	Laurentian Dr. (Co. Rd. 25)	1.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$487,000
1475	Sharon Street North	Petawawa Blvd. (Co.	Birch Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
1275	Springhill Court	Petawawa Blvd (Co.	Risto Road	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4	\$54,000

## ROAD APPRAISAL FORMS

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
7550	Spruce Street	Woodland Cres. N. leg	Woodland Cres. S. leg	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
4275	Steffen Street	Doran St. (Co. Rd. 26)	Carla Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$126,000
5200	Van Hoof Street	Edward Street	S. End Cul-de-sac	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$42,000
6125	Wilbert Street	Fred Street	Dundonald Drive	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$168,000
7500	Woodland Cres. N. leg	Selkirk Street	Woodland Cres. W. leg	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$708,000
7510	Woodland Cres. S. leg	Hemlock Street	Woodland Cres. W. leg	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	\$84,000
5300	Abbie Lane	East Street	East End	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$123,000
2400	Arrowhead Road	Country Lane	Heritage Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$84,000
590	Black Bay Road	End of pavement	End	0.4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
3325	Charles Street	Michael Street	Peter Street	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$168,000
2350	Chippewa Road	Country Lane	Heritage Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$84,000
2300	Country Lane	Schwantz Road	Gutzman Road	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$420,000
4250	Derek Drive	Doran St. (Co. Rd. 26)	Carla Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$126,000
6100	Dutch Drive	Cartier St. (Civic Centre	Vereyken Cres.	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$150,000
5375	Earl Street	Irma Street	Cul-de-sac	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$300,000
7200	Edith Street	Doran Road	Mary Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$126,000
1325	Garwin Street S.	Petawawa Blvd. (Co.	Sharon Street S.	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
7525	Hemlock Street	Murphy Rd. (Co. Rd. 37)	Woodland Cres. N.	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$708,000
7005	Herman Street	John Street	Selkirk Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$73,200

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
7675	Hilda Street	Audrey Street	Doran St. (Co. Rd. 26)	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$885,000
7680	Hilda Street	Hilda Court	Audrey Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$219,000
7685	Hilda Street	Lisa Crescent	Hilda Court	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$42,000
4075	Hoffman Street	New Street	Labine Crescent	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$168,000
4125	Industrial Avenue	Black Bay Road	Labine Street	1.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$451,000
2250	Isabel Street	Sack Road	Schwantz Road	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$126,000
7105	John Street	Herman Street	RR tracks	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$885,000
4100	Labine Crescent	Hoffman Street	Poplar Street	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$294,000
7175	Laura Street	Doran Street	Railway Tracks	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$369,000
500	Len Hopkins Drive	Black Bay Road	Airport Road	2.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$597,000
7725	Lisa Crescent	Scott Avenue	End Cul-de-sac	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$168,000
7155	Mary Street	Railway Tracks	Herman Street	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$979,000
750	Melody Trail	Black Bay Road	End	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
6250	Mohns Ave	Violet Street	Petawawa Blvd.	0.5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$267,500
4000	New Street	Petawawa Blvd. (Co.	Hoffman Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$84,000
5075	North Street	Albert Street	End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$34,000
340	Pitzner Road	Priebe Road	Cul de Sac	0.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
400	Pitzner Road	Priebe Road	0.8 km West	0.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
4025	Poplar Street	New Steet	Labine Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$126,000

## ROAD APPRAISAL FORMS

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
860	Portage Road	1.3 km NW Murphy Rd.	Former Village Limits	1.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$492,000
7825	Portage Road	Petawawa Blvd. (Co.	Florence Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$531,000
2005	Radtke Road	Bottom of Hill	0.5 km Easterly	0.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$135,000
940	Rantz Road	End Pavement	Shamess Road	1.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
7075	Roy Street	Mary Street	Murphy Rd. (Co. Rd. 37)	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$168,000
2225	Sack Road	Schwantz Road	Kramer Avenue	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$126,000
2240	Sack Road	End of Pavement	Sack Gate (Dead End)	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$0
2275	Sandy Drive	Isabel Street	Country Lane	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$84,000
7750	Scott Avenue	Portage Road	Hilda Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$354,000
7230	Selkirk Street	Woodland Crescent	Murphy Rd. (Co. Rd. 37)	0.9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$378,000
3200	Silke Drive	Petawawa Blvd. (Co.	Laurentian Drive	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$210,000
600	Summers Road	Black Bay Road	0.3 km West	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$10,000
5025	Tall Pines Road	Albert Street	End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$34,000
6075	Vereyken Crescent	Dundonald Drive	Dutch Drive	0.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$375,000
4050	Victor Street	Poplar Street	Hoffman Street	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$42,000
2375	Viking Road	Country Lane	Heritage Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$84,000
6425	West Street	Victoria Street	End	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5	\$5,000
6275	Willard Street	Mohns Avenue	Victoria St. (Co. Rd. 16)	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	\$62,000
310	Airport Road	Biesenthal Road	Doran Street (Co. Rd. 26)	2.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$0

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
7655	Audrey Street	Portage Road	Hilda Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$2,500
2025	Behnke Crescent	Radtke Rd. (at River)	Corner	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$4,500
150	Biesenthal Road	Achray Rd. (Co. Rd. 28)	Airport Road	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$27,000
550	Black Bay Road	Petawawa Blvd (Co. Rd. 26)	Doran Rd. (Co. Rd. 26)	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$22,500
3175	Elmer Avenue	Laurentian Dr. (Co. Rd. 25)	Sunset Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,750
3000	Gutzman Road	Petawawa Blvd. (Co. Rd. 25)	Laurentian Dr. (Co. Rd. 25)	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$18,000
3005	Gutzman Road	Laurentian Dr. (Co. Rd. 25)	Country Lane/Selley St.	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,750
2325	Heritage Drive	Country Lane	Gutzman Road	0.8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$8,000
5350	Irma Street	Jan Drive	Earl Street	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$1,250
5325	Jan Drive	Abby Lane	Edward Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,750
2175	Kramer Avenue	Sack Road	Cul de Sac	0.6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$9,500
3225	Michael Crescent	Peter Street	Charles Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$4,750
3025	Mueller Crescent	Laurentian Dr. (Co. Rd. 25)	Laurentian Dr. (Co. Rd. 25)	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$7,250
6500	Northbrook Road	Summit Trail	Victoria Street	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$2,500
7575	Oak Avenue	Woodland Cres. N. leg	Woodland Cres. S. leg	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$5,000
2125	Oelke Street	Petawawa Blvd. (Co. Rd. 25)	Sack Road	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$4,750
3250	Peter Street	Edward Street	Michael Crescent	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,250
7830	Portage Road	Florence Street	former Village limits	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$6,250
2010	Radtke Road	0.5 km E. Bottom of Hill	River Drive	0.7	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$11,750

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
3050	Selley Street	Laurentian Dr. (Co. Rd.	Gutzman Road	0.6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$7,500
2050	South Shore Drive	Behnke Crescent	Westend Cul-de-sac	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,000
6475	Summit Trail	West End Cul-de-sac	East End	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$11,250
3150	Sunset Crescent	Laurentian Dr. (Co. Rd.	Laurentian Dr. (Co. Rd. 25)	0.9	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$11,250
6450	Vermont Meadows	Victoria Street	Northbrook Road	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$52,500
4150	Water Tower Road	Industrial Road	End	0.4	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$5,000
2150	White Street	Kramer Avenue	Oelke Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,500
3300	William Street	Edward Street	Silke Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$3,250
6350	Wolfe Avenue	Victoria Street	S.Townsite DND Bndry	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$15,000
7505	Woodland Cres. W. leg	Murphy Road	Woodland Cres. N. leg	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	6	\$5,000
300	Airport Road	Petawawa Blvd. (Co.	Biesenthal Road	0.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$0
4350	Bluejay Way	Cardinal Crescent	Cardinal Crescent	0.5	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$6,250
7250	Briarwood Drive	Edith Street	Cul-de-sac	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$5,000
4300	Cardinal Crescent	Doran St. (Co. Rd. 26)	Doran St. (Co. Rd. 26)	1.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$12,500
4325	Chickadee Trail	Bluejay Way	Cardinal Crescent	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$3,750
2100	Dennis Crescent	Runge Drive	Radtke Road	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$4,000
7205	Edith Street	Briarwood Drive	Selkirk	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$1,250
5230	Edward Street	Earl Street	East Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$2,500
660	Eichstaedt Road	Black Bay Road	Murphy Road	0.9	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$11,250

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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
4200	Jamie Street	Carla Street	Carla Street	0.8	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$10,000
3075	Mackay Street	Selley Street	Selley Street	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$4,000
7275	Patricia Street	Briarwood Drive	Selkirk Street	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$1,250
3125	Peppertree	Laurentian Dr. (Co. Rd.	Ravenwood Cres.	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$4,750
930	Rantz Road	1.8 km W Murphy Rd.	End of Pavement	0.7	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$0
3100	Ravenwood Crescent	Laurentian Dr. (Co. Rd.	Laurentian Dr. (Co. Rd. 25)	0.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$10,000
2075	Runge Drive	Radtke Road	End (Runge Drive)	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$13,500
6325	Violet Street	Victoria Street	Cul-de-sac	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7	\$3,750
320	Airport Road	Doran Road (County	0.8 km Westerly	0.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$10,000
5400	Bayshore Drive	Earl Street	Cul-de-sac	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,500
6600	Bert Street	Petawawa Blvd. (Co.	Harry Street	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$1,000
570	Black Bay Road	Highway # 17	Eichstaedt Road	2.9	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$29,000
4175	Carla Crescent	Black Bay Road	Derek Drive	0.7	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$8,500
7875	Daniel Avenue	Wilson Avenue	Scott Street	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,500
6300	Ethel Street	Victoria St. (Co. Rd. 16)	Maple Avenue	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$4,000
3010	Gutzman Road	Country Lane/Selley	Bottom of Hill	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$0
6580	Harry Street	Bert Street	0.1.km W of Algonquin	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,000
4225	Jason Street	Carla Street	Jamie Drive	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,500
6255	Mohns Avenue	Wolfe Avenue	Violet Street	0.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$10,000



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SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
800	Murphy Road	Highway 17	Rantz Road (West)	2.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$31,250
250	Priebe Road	Baron Canyon Rd.	Pitzner Road	2.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$21,000
260	Priebe Road	Pitzner Road	Black Bay Road	2.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$0
920	Rantz Road	Murphy Road	1.8 km W. Murphy Rd.	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$350,500
7755	Scott Avenue	Daniel Avenue	Portage Road	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$1,250
1480	Sharon Street S.	Petawawa Blvd. (Co.	End	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,000
5250	Victoria Street	Albert Street	East Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8	\$2,000
5005	Albert Street	Island View Drive	Alice St/Tall Pines Rd	0.4	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$4,000
6375	Armstrong Road	Victoria Street	Victoria Street	0.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$8,000
2030	Behnke Crescent	Corner	Southshore Dr.	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$3,000
2035	Behnke Crescent	Southshore Drive	Radtko Road	0.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$4,500
160	Biesenthal Road	Airport Road	Petawawa Blvd. (Co. Rd.	1.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$42,000
560	Black Bay Road	Doran Road (Co. Rd. 26)	Highway 17	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$18,000
1005	Fairway Drive	Golf Course Road	cul-de-sac	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$2,000
850	Portage Road	Murphy Rd. (Co. Rd. 37)	1.3 km. NW Murphy Rd.	1.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$208,000
2230	Sack Road	Kramer Avenue	Bottom of Hill	0.2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$2,500
2235	Sack Road	Bottom of Hill	End of Pavement	1.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9	\$15,500
950	Shamess Road	Rantz Road	1.3 km W Rantz Rd.	1.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9	\$13,000
120	Achray Road	pipe line x-ing	Doran St. (Co. Rd 26)	1.8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$13,500

## ROAD APPRAISAL FORMS

3/20/2012

SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
6525	Algonquin Street	Victoria St. (Co. Rd. 16)	End	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7650	Audrey Street	Hilda Street	Russell Street	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6605	Bert Street	Harry Street	Algonquin Street	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
580	Black Bay Road	Eichstaedt Road	End Pavement	2.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$21,000
3360	Boulder Creek Trail	Limestone Trail	Hydro R.O.W.	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3365	Boulder Creek Trail	Limestone Trail	Sandstone Crescent	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
1150	Centre Street	First Avenue	Pinegrove Crescent	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
1155	Centre Street	Pinegrove Crescent	Lakeview Avenue	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6025	Civic Center Entrance	Civic Center Road	Cartier St. DND Bndry.	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6000	Civic Center Road	Petawawa Blvd. (Co.	0.2km, N. of Petawawa Blvd	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3410	Concord Street	Highland Park Drive	Highland Park Drive	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7880	Daniel Avenue	Scott Street	End	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6050	Dundonald Drive	Petawawa Blvd. (Co.	0.3 km N. DND Bndry	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
1075	Easy Street	Golf Course Road	Centre Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
7204	Edith Street	Selkirk Street	Doran Road	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7210	Edith Street	Briarwood Drive	Oak Street	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$1,000
1050	First Avenue	Centre Street	Golf Course Road	0.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$1,000
7885	Gerald Avenue	Wilson Avenue	End	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
3425	Greenbank Street	Civic Centre Road	Winfield Street	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0

## ROAD APPRAISAL FORMS

3/20/2012

SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
3015	Gutzman Road	Bottom of Hill	Dead End	1.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10	\$11,000
6575	Harry Street	Algonquin Street	0.1 km West	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3405	Highland Park Drive	Civic Centre Road	Winfield Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3406	Highland Park Drive	Winfield Street	300 East of Winfield Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
4475	Hummingbird Lane	Nuthatch Drive	Oriole Crescent -	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
5125	Island View Drive	South Cul de Sac	North Cul de Sac	0.7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
1125	Lakeview Avenue	Golf Course Road	Centre Street	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$3,000
1130	Lakeview Avenue	Centre Street	Ruth Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
3355	Limestone Trail	Petawawa Blvd (Co.	Laurentian Drive (Co. Rd.	0.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
1225	MacGregor Bay Trail	McGuire Street	End of Town ROW	0.1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10	\$0
6175	Maple Avenue	Petawawa Blvd. (Co.	Ethel Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
1175	McGuire Street	Ruth Street	Centre Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
1180	McGuire Street	Risto Road	Ruth Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
3420	Morning Star Street	Winfield Street W.	Winfield Street E.	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
4375	Nuthatch Drive	Cardinal Crescent	Murphy Rd (Co. Rd. 37)	0.6	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7260	Oak Street	Edith Street	Woodland Crescent North	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
4450	Oriole Crescent - North Leg	Nuthatch Drive	Oriole Crescent -	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
4400	Oriole Crescent - South Leg	Nuthatch Drive	Oriole Crescent -	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
4425	Oriole Crescent - West Leg	Oriole Crescent -	Oriole Crescent -	0.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0

## ROAD APPRAISAL FORMS

3/20/2012

SECTION	DESCRIPTION	FROM	TO	LENGTH	URBAN	SEMI-U	RURAL	GRAVEL	LCB	HCB	CONDITION	TOTAL COSTS
7280	Patricia Street	Selkirk Street	Doran Street (Co. Rd. 26)	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
6200	Pine Place	Maple Avenue	Cul-de-sac	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
1100	Pinegrove Crescent	Centre Street	Golf Course Road	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
1105	Pinegrove Crescent	Ruth Street	Centre Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
905	Rantz Road -North Leg	1.0 km N. Murphy Rd.	2.3 km N. Murphy Rd.	1.3	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3395	Renfrew Street	Limestone Trail	Beer Store	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
1560	River Drive	Bottom of hill	Bend at river	0.5	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$5,000
1565	River Drive	Bend at river	Radke Road	1.0	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3380	Riverstone Trail	Limestone Trail	Boulder Creek Drive	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7600	Russell Street	Audrey Street	Selkirk Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
1200	Ruth Street	Lakeview Avenue	McGuire Street	0.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$2,000
3375	Sandstone Crescent	Limestone Trail	Limestone Trail	0.8	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7225	Selkirk Street	Russell Street	Woodland Crescent	0.9	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7255	Spruce Street	Edith Street	Woodland Crescent	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$4,000
3370	Turning Stone Crescent	Limestone Trail	Limestone Trail	0.4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
7850	Wilson Avenue	Portage Road	Gerald Avenue	0.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$1,000
3415	Winfield Street	Highland Park Drive	Greenbank Street	0.3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
3416	Winfield Street	Greenbank Street	Morningstar Street	0.2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	\$0
<b>Total</b>				<b>119.7</b>								

**APPENDIX P**

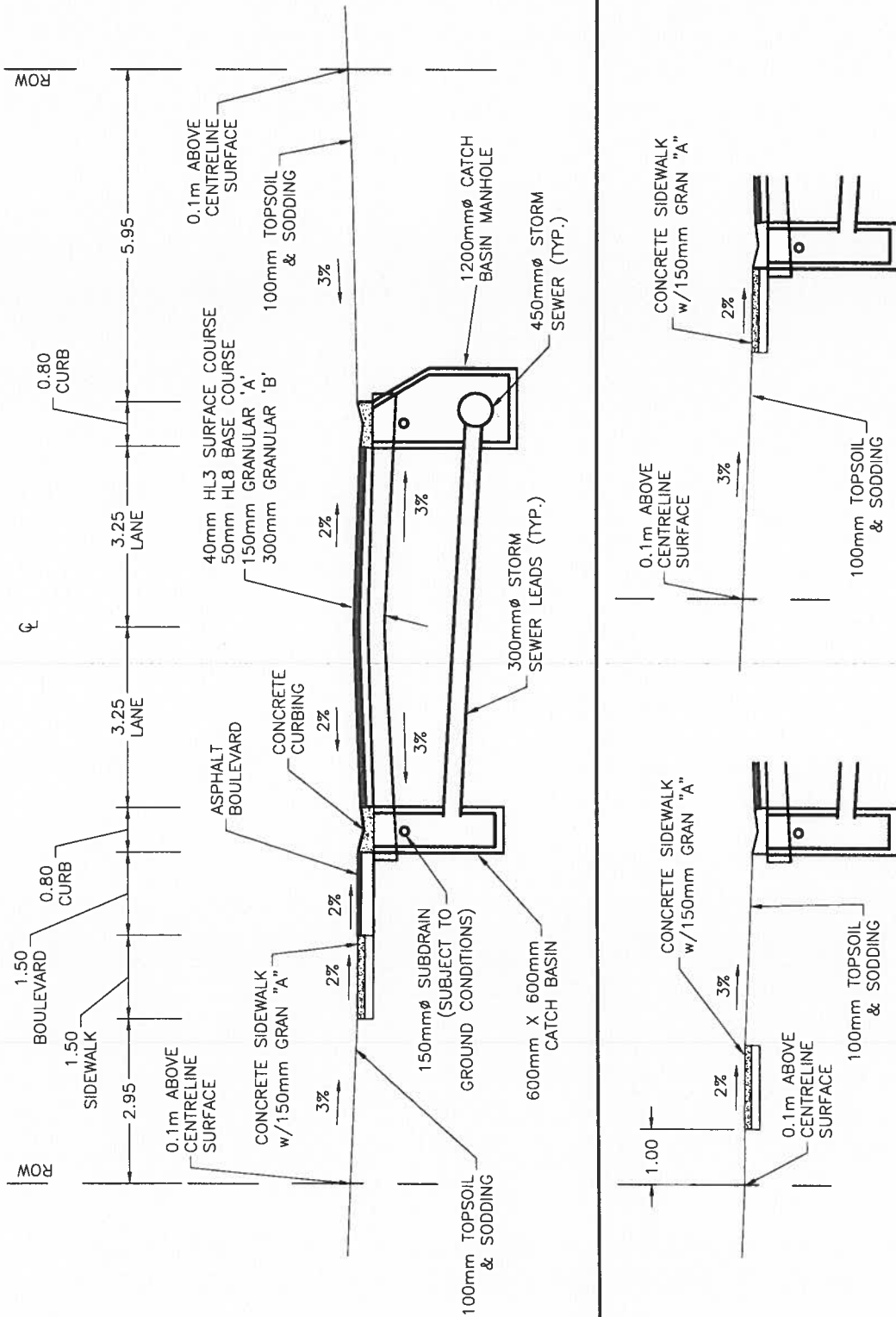
**BENCHMARK COSTS AND  
TYPICAL ROAD CROSS SECTIONS**

**Summary**

**Town of Petawawa - Benchmark Road Costs**

**March 2012**

Title	Description	Cost/m	Cost/km
R1	Urban Cross Section - Curbs, Storm Sewer, Sidewalk & Asphalt Blvd	\$1,770	\$1,770,000
R2	Urban Cross Section - Curbs, Drywells & Exfiltration Trench, Sidewalk & Asphalt Blvd	\$1,690	\$1,690,000
R3	Urban Section - resurfacing with 2 lifts of asphalt	\$470	\$470,000
R4	Semi-Urban Section - Granular Shoulders w/Storm System	\$1,550	\$1,550,000
R5	Semi-urban Section - Granular Shoulders w/Drywells & Exfiltration Trench	\$1,340	\$1,340,000
R6	Semi-urban Section - Pulverize and pave with 2 lifts of asphalt	\$560	\$560,000
R7A	Semi-urban Section - Pulverize and pave with 1 lift of asphalt	\$420	\$420,000
R7B	Semi-urban Section - Pulverize and pave with 1 lift of asphalt inc. installation of exfiltration storm system	\$750	\$750,000
R8	Rural Section - Granular Shoulders with Ditching and 2 lifts asphalt	\$780	\$780,000
R9	Rural Section - Granular Shoulders with Ditching and 1 lift asphalt	\$640	\$640,000
R10	Rural Section - Base and Surface	\$340	\$340,000
R11	Rural Section - Pulverize and Pave with 2 lifts of asphalt	\$410	\$410,000
R12	Rural Section - Pulverize and Pave with 1 lift of asphalt	\$270	\$270,000
R13	Rural Section - Pulverize and Pave with 1 lift of asphalt - (extra gran a)	\$330	\$330,000



**TYPICAL URBAN SECTION**  
**CURBS w/ STORM SEWER SYSTEM**  
**SIDEWALK & ASPHALT BOULEVARD**

**SCALE 1:100**  
 METRIC

**R1**

**JP2g Consultants Inc.**  
 CONSULTING ENGINEERS • ARCHITECTS • PROJECT MANAGERS

**PETAWAWA ROAD RECONSTRUCTION  
URBAN SECTION - CURBS w/ STORM SEWER SYSTEM & SIDEWALKS  
OPINION OF PROBABLE CONSTRUCTION COSTS  
COSTS PER 100m and 1m of ROADWORK**

R1

5 x3m ENTRANCES PER SIDE

MARCH 2012

Item Description	Quantity (per 100 m)	Unit	Unit Price	Estimated Cost (per 100 m)	Estimated Cost (per 1 m)
Earth Excavation (Grading)	400	m <sup>3</sup>	\$8.50	\$3,400.00	\$34.00
Hot Mix HL 3 - Road (40mm)	650	m <sup>2</sup>	\$14.00	\$9,100.00	\$91.00
Hot Mix HL 8 - Road (50mm)	650	m <sup>2</sup>	\$15.00	\$9,750.00	\$97.50
Granular 'A' (150mm)	650	m <sup>2</sup>	\$7.00	\$4,550.00	\$45.50
Granular 'B' Type I (300 mm)	840	m <sup>2</sup>	\$9.00	\$7,560.00	\$75.60
Concrete Curb & Gutter	200	m	\$65.00	\$13,000.00	\$130.00
Asphalt Curb & Gutter		m	\$45.00		
Asphalt Driveways (50mm)	180	m <sup>2</sup>	\$25.00	\$4,500.00	\$45.00
Granular 'A' for Driveways (150mm)	180	m <sup>2</sup>	\$10.00	\$1,800.00	\$18.00
Asphalt Boulevards (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Boulevards (150mm)		m <sup>2</sup>	\$10.00		
Granular 'A' for Shoulders (50mm)		m <sup>2</sup>	\$2.50		
Concrete Sidewalk inc. gran 'A'	150	m <sup>2</sup>	\$75.00	\$11,250.00	\$112.50
Asphalt Sidewalk		m <sup>2</sup>	\$35.00		
150mm dia. Subdrains	200	m	\$20.00	\$4,000.00	\$40.00
Removal of Asphalt (Full Depth)	650	m <sup>2</sup>	\$4.00	\$2,600.00	\$26.00
Removal of Curbing (All Types)		m	\$15.00		
Removal of Sidewalk (All Types)		m <sup>2</sup>	\$16.00		
Removal of MH/CB/DI		ea	\$500.00		
Removal of Storm Sewer		m	\$40.00		
Removal of Culverts	70	m	\$40.00	\$2,800.00	\$28.00
Adjust Manholes	2	ea	\$500.00	\$1,000.00	\$10.00
Adjust Water Valves	2	ea	\$250.00	\$500.00	\$5.00
Adjust Fire Hydrant	1	ea	\$1,000.00	\$1,000.00	\$10.00
600mm X 600mm Catchbasin	2	ea	\$2,500.00	\$5,000.00	\$50.00
1200mm dia. Catchbasin Manhole	2	ea	\$4,000.00	\$8,000.00	\$80.00
200mm dia. HDPE Drainage Basin	2	ea	\$1,000.00	\$2,000.00	\$20.00
450mm dia. Storm Sewer	100	m	\$250.00	\$25,000.00	\$250.00
300mm dia. Storm Sewer	14	m	\$175.00	\$2,450.00	\$24.50
400mm dia. Entrance CSP Culvert		m	\$300.00		
600mm dia. Centreline CSP Culvert		m	\$400.00		
760mm dia. Drywell		ea	\$2,400.00		
300mm dia. Exfiltration System		m	\$260.00		
Allowance for Storm Outlet	100	m	\$100.00	\$10,000.00	\$100.00
Topsoil (100mm)	978	m <sup>2</sup>	\$4.00	\$3,910.00	\$39.10
Sodding (Unstaked)	978	m <sup>2</sup>	\$6.50	\$6,353.75	\$63.54
Seed and Mulch		m <sup>2</sup>	\$250.00		
Calcium Chloride Flake (PROV)	50	kg	\$1.00	\$50.00	\$0.50
Traffic Signage	1	ea	\$250.00	\$250.00	\$2.50

**SUBTOTAL**      **\$139,824**      **\$1,398**

Contingency Allowance (10%)      **\$13,982**      **\$140**

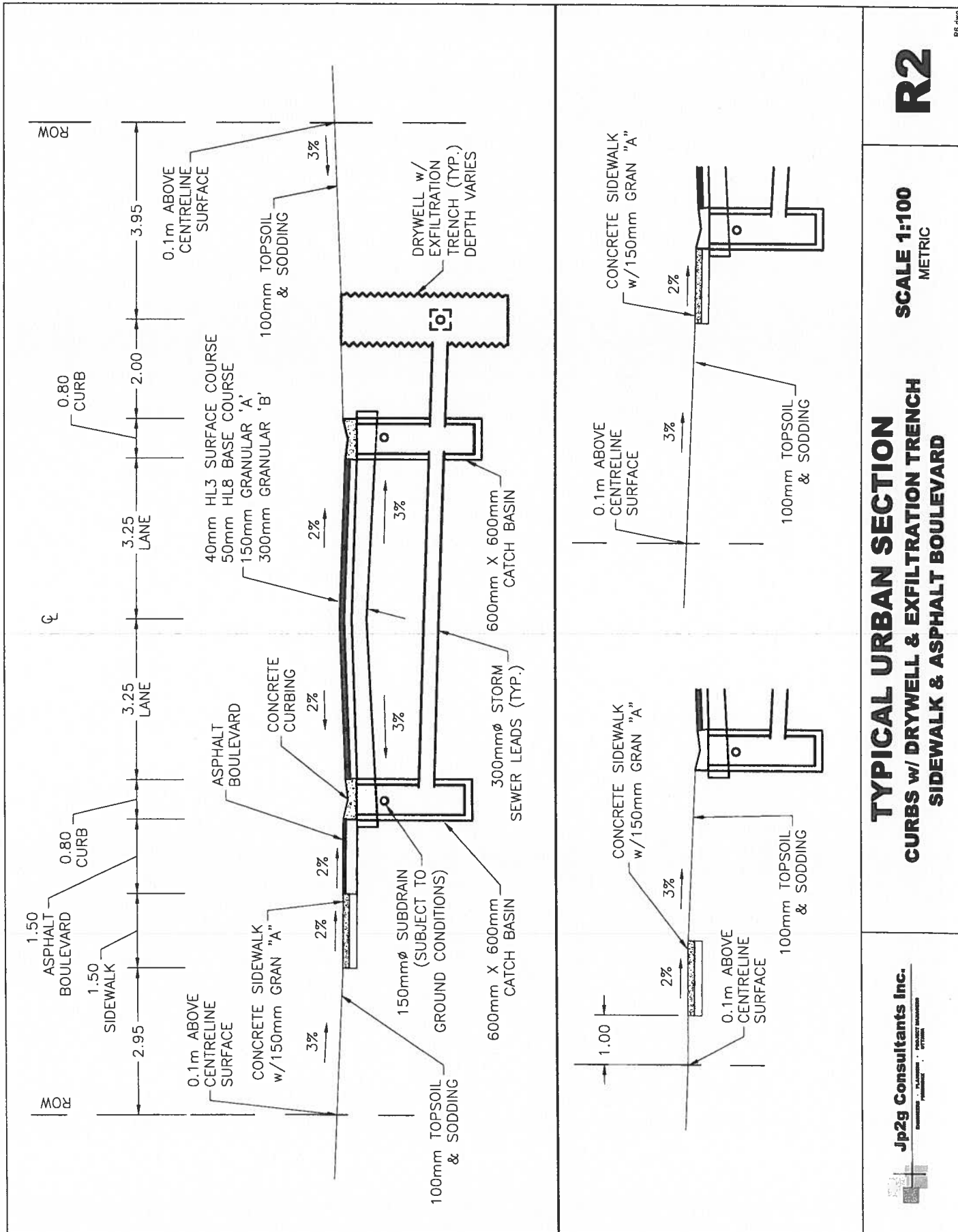
**SUBTOTAL**      **\$153,806**      **\$1,538**

Engineering (15%)      **\$23,071**      **\$231**

**TOTAL**      **\$176,877**      **\$1,770**

+G.S.T.      +G.S.T.





**TYPICAL URBAN SECTION**  
**CURBS w/ DRYWELL & EXFILTRATION TRENCH**  
**SIDEWALK & ASPHALT BOULEVARD**

**SCALE 1:100**  
 METRIC

**R2**

**PETAWAWA ROAD RECONSTRUCTION**  
**URBAN - CURBS w/ DRYWELL & EXFILTRATION TRENCH & SIDEWALKS**  
**OPINION OF PROBABLE CONSTRUCTION COSTS**  
**COSTS PER 100m and 1m of ROADWORK**

R2

5 x3m ENTRANCES PER SIDE

MARCH 2012

Item Description	Quantity (per 100 m)	Unit	Unit Price	Estimated Cost (per 100 m)	Estimated Cost (per 1 m)
Earth Excavation (Grading)	400	m <sup>3</sup>	\$8.50	\$3,400.00	\$34.00
Hot Mix HL 3 - Road (40mm)	650	m <sup>2</sup>	\$14.00	\$9,100.00	\$91.00
Hot Mix HL 8 - Road (50mm)	650	m <sup>2</sup>	\$15.00	\$9,750.00	\$97.50
Granular 'A' (150mm)	650	m <sup>2</sup>	\$7.00	\$4,550.00	\$45.50
Granular 'B' Type I (300 mm)	840	m <sup>2</sup>	\$9.00	\$7,560.00	\$75.60
Concrete Curb & Gutter	200	m	\$65.00	\$13,000.00	\$130.00
Asphalt Curb & Gutter		m	\$45.00		
Asphalt Driveways (50mm)	180	m <sup>2</sup>	\$25.00	\$4,500.00	\$45.00
Granular 'A' for Driveways (150mm)	180	m <sup>2</sup>	\$10.00	\$1,800.00	\$18.00
Asphalt Boulevards (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Boulevards (150mm)		m <sup>2</sup>	\$10.00		
Granular 'A' for Shoulders (50mm)		m <sup>2</sup>	\$2.50		
Concrete Sidewalk inc. gran 'A'	150	m <sup>2</sup>	\$75.00	\$11,250.00	\$112.50
Asphalt Sidewalk		m <sup>2</sup>	\$35.00		
150mm dia. Subdrains	200	m	\$20.00	\$4,000.00	\$40.00
Removal of Asphalt (Full Depth)	650	m <sup>2</sup>	\$4.00	\$2,600.00	\$26.00
Removal of Curbing (All Types)		m	\$15.00		
Removal of Sidewalk (All Types)		m <sup>2</sup>	\$16.00		
Removal of MH/CB/DI		ea	\$500.00		
Removal of Storm Sewer		m	\$40.00		
Removal of Culverts	70	m	\$40.00	\$2,800.00	\$28.00
Adjust Manholes	2	ea	\$500.00	\$1,000.00	\$10.00
Adjust Water Valves	2	ea	\$250.00	\$500.00	\$5.00
Adjust Fire Hydrant	1	ea	\$1,000.00	\$1,000.00	\$10.00
600mm X 600mm Catchbasin	4	ea	\$2,500.00	\$10,000.00	\$100.00
1200mm dia. Catchbasin Manhole		ea	\$4,000.00		
200mm dia. HDPE Drainage Basin	2	ea	\$1,000.00	\$2,000.00	\$20.00
450mm dia. Storm Sewer		m	\$250.00		
300mm dia. Storm Sewer	18	m	\$175.00	\$3,150.00	\$31.50
400mm dia. Entrance CSP Culvert		m	\$300.00		
600mm dia. Centreline CSP Culvert		m	\$400.00		
760mm dia. Drywell	2	ea	\$2,400.00	\$4,800.00	\$48.00
300mm dia. Exfiltration System	100	m	\$260.00	\$26,000.00	\$260.00
Allowance for Storm Outlet		m	\$100.00		
Topsoil (100mm)	978	m <sup>2</sup>	\$4.00	\$3,910.00	\$39.10
Sodding (Unstaked)	978	m <sup>2</sup>	\$6.50	\$6,353.75	\$63.54
Seed and Mulch		m <sup>2</sup>	\$2.50		
Calcium Chloride Flake (PROV)	50	kg	\$1.00	\$50.00	\$0.50
Traffic Signage	1	ea	\$250.00	\$250.00	\$2.50

**SUBTOTAL**      **\$133,324**      **\$1,333**

Contingency Allowance (10%)      **\$13,332**      **\$133**

**SUBTOTAL**      **\$146,656**      **\$1,467**

Engineering (15%)      **\$21,998**      **\$220**

**TOTAL**      **\$168,655**      **\$1,690**

+G.S.T.      +G.S.T.

Note: Based on exfiltration on one side of roadway only

**PETAWAWA ROAD RECONSTRUCTION**  
**URBAN SECTION - RESURFACING WITH 2 LIFTS OF ASPHALT (NO SIDEWALK)**  
**OPINION OF PROBABLE CONSTRUCTION COSTS**  
**COSTS PER 100m and 1m of ROADWORK**

R3

5 x3m ENTRANCES PER SIDE

MARCH 2012

Item Description	Quantity (per 100 m)	Unit	Unit Price	Estimated Cost (per 100 m)	Estimated Cost (per 1 m)
Earth Excavation (Grading)		m <sup>3</sup>	\$8.50		
Hot Mix HL 3 - Road (40mm)	650	m <sup>2</sup>	\$14.00	\$9,100.00	\$91.00
Hot Mix HL 8 - Road (50mm)	650	m <sup>2</sup>	\$15.00	\$9,750.00	\$97.50
Granular 'A' (50mm)	650	m <sup>2</sup>	\$2.50	\$1,625.00	\$16.25
Granular 'B' Type I (300 mm)		m <sup>2</sup>	\$9.00		
Concrete Curb & Gutter		m	\$65.00		
Asphalt Curb & Gutter		m	\$45.00		
Asphalt Driveways (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Driveways (150mm)		m <sup>2</sup>	\$10.00		
Asphalt Boulevards (50mm)	150	m <sup>2</sup>	\$25.00	\$3,750.00	\$37.50
Granular 'A' for Boulevards (150mm)		m <sup>2</sup>	\$10.00		
Granular 'A' for Shoulders (50mm)		m <sup>2</sup>	\$2.50		
Concrete Sidewalk Inc. gran 'A'		m <sup>2</sup>	\$75.00		
Asphalt Sidewalk		m <sup>2</sup>	\$35.00		
150mm dia. Subdrains		m	\$20.00		
Remove and Replace Curb (20%)	40	m	\$80.00	\$3,200.00	\$32.00
Remove and Replace Sidewalk (10%)	30	m	\$87.00	\$2,610.00	\$26.10
Removal of Asphalt (Full Depth)	650	m <sup>2</sup>	\$4.00	\$2,600.00	\$26.00
Removal of Curbing (All Types)		m	\$15.00		
Removal of Asphalt Blvd.	150	m <sup>2</sup>	\$4.00	\$600.00	\$6.00
Removal of MH/CB/DI		ea	\$500.00		
Removal of Storm Sewer		m	\$40.00		
Removal of Culverts		m	\$40.00		
Adjust Manholes / CB'S	4	ea	\$500.00	\$2,000.00	\$20.00
Adjust Water Valves	2	ea	\$250.00	\$500.00	\$5.00
Adjust Fire Hydrant		ea	\$1,000.00		
600mm X 600mm Catchbasin		ea	\$2,500.00		
1200mm dia. Catchbasin Manhole		ea	\$4,000.00		
200mm dia. HDPE Drainage Basin		ea	\$1,000.00		
450mm dia. Storm Sewer		m	\$250.00		
300mm dia. Storm Sewer		m	\$175.00		
400mm dia. Entrance CSP Culvert		m	\$300.00		
600mm dia. Centreline CSP Culvert		m	\$400.00		
760mm dia. Drywell		ea	\$2,400.00		
300mm dia. Exfiltration System		m	\$260.00		
Allowance for Storm Outlet		m	\$100.00		
Topsoil (100mm) (1m wide)	70	m <sup>2</sup>	\$4.00	\$280.00	\$2.80
Sodding (Unstaked)	70	m <sup>2</sup>	\$6.50	\$455.00	\$4.55
Seed and Mulch		m <sup>2</sup>	\$2.50		
Calcium Chloride Flake (PROV)	50	kg	\$1.00	\$50.00	\$0.50
Traffic Signage	1	ea	\$250.00	\$250.00	\$2.50

**SUBTOTAL** **\$36,770** **\$368**

**Contingency Allowance (10%)** **\$3,677** **\$37**

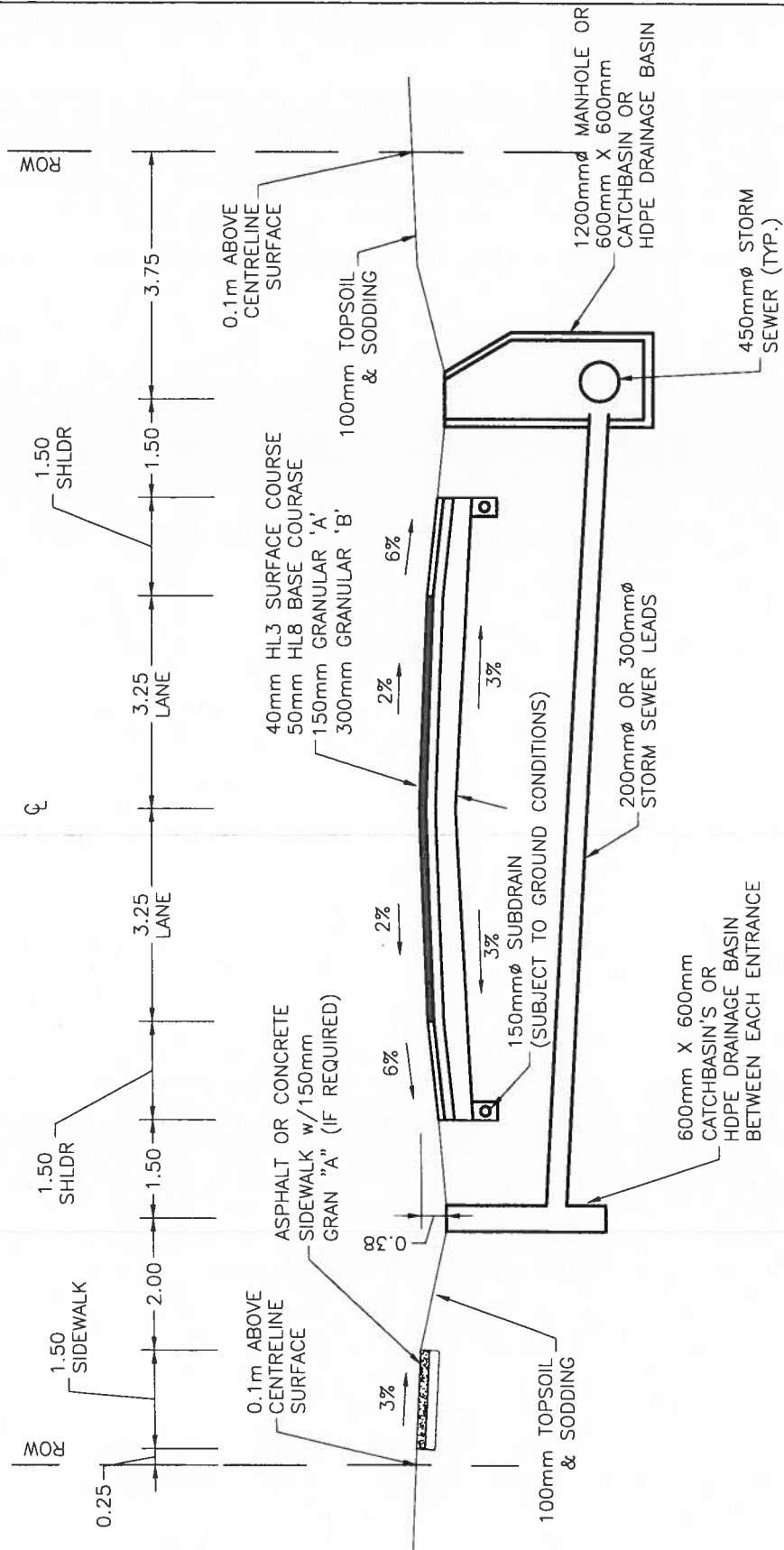
**SUBTOTAL** **\$40,447** **\$404**

**Engineering (15%)** **\$6,067** **\$61**

**TOTAL** **\$46,514** **\$470**

+G.S.T. +G.S.T.

Notes: Assumes replacing 20% of the curb and 10% of the sidewalk  
Assumes removing all the asphalt Blvd. and repaving  
Topsoil and sod at curb and sidewalk repairs only 1m wide



**TYPICAL SUBURBAN SECTION**  
**GRANULAR SHOULDERS**  
**w/ STORM SYSTEM & OPTIONAL SIDEWALK**

**SCALE 1:100**  
 METRIC

**R4**

**Jp2g Consultants Inc.**  
CONSULTANTS ENGINEERS ARCHITECTS

**PETAWAWA ROAD RECONSTRUCTION  
SEMI-URBAN - GRAN. SHOULDERS w/ STORM SYSTEM  
OPINION OF PROBABLE CONSTRUCTION COSTS  
COSTS PER 100m and 1m of ROADWORK**

R4

3 x3m ENTRANCES PER SIDE

MARCH 2012

Item Description	Quantity (per 100 m)	Unit	Unit Price	Estimated Cost (per 100 m)	Estimated Cost (per 1 m)
Earth Excavation (Grading)	400	m <sup>3</sup>	\$8.50	\$3,400.00	\$34.00
Hot Mix HL 3 - Road (40mm)	650	m <sup>2</sup>	\$14.00	\$9,100.00	\$91.00
Hot Mix HL 8 - Road (50mm)	650	m <sup>2</sup>	\$15.00	\$9,750.00	\$97.50
Granular 'A' (150mm)	950	m <sup>2</sup>	\$7.00	\$6,650.00	\$66.50
Granular 'B' Type I (300 mm)	950	m <sup>2</sup>	\$9.00	\$8,550.00	\$85.50
Concrete Curb & Gutter		m	\$65.00		
Asphalt Curb & Gutter		m	\$45.00		
Asphalt Driveways (50mm)	122	m <sup>2</sup>	\$25.00	\$3,037.50	\$30.38
Granular 'A' for Driveways (150mm)	122	m <sup>2</sup>	\$10.00	\$1,215.00	\$12.15
Asphalt Boulevards (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Boulevards (150mm)		m <sup>2</sup>	\$10.00		
Granular 'A' for Shoulders (50mm)	273	m <sup>2</sup>	\$2.50	\$682.50	\$6.83
Concrete Sidewalk inc. gran 'A'		m <sup>2</sup>	\$75.00		
Asphalt Sidewalk		m <sup>2</sup>	\$35.00		
150mm dia. Subdrains	200	m	\$20.00	\$4,000.00	\$40.00
Removal of Asphalt (Full Depth)	650	m <sup>2</sup>	\$4.00	\$2,600.00	\$26.00
Removal of Curbing (All Types)		m	\$15.00		
Removal of Sidewalk (All Types)		m <sup>2</sup>	\$16.00		
Removal of MH/CB/DI		ea	\$500.00		
Removal of Storm Sewer		m	\$40.00		
Removal of Culverts	42	m	\$40.00	\$1,680.00	\$16.80
Adjust Manholes		ea	\$500.00		
Adjust Water Valves	2	ea	\$250.00	\$500.00	\$5.00
Adjust Fire Hydrant		ea	\$1,000.00		
600mm X 600mm Catchbasin	2	ea	\$2,500.00	\$5,000.00	\$50.00
1200mm dia. Catchbasin Manhole	2	ea	\$4,000.00	\$8,000.00	\$80.00
200mm dia. HDPE Drainage Basin	6	ea	\$1,000.00	\$6,000.00	\$60.00
450mm dia. Storm Sewer	100	m	\$250.00	\$25,000.00	\$250.00
300mm dia. Storm Sewer	36	m	\$175.00	\$6,300.00	\$63.00
400mm dia. Entrance CSP Culvert		m	\$300.00		
600mm dia. Centreline CSP Culvert		m	\$400.00		
760mm dia. Drywell		ea	\$2,400.00		
300mm dia. Exfiltration System		m	\$260.00		
Allowance for Storm Outlet	100	m	\$100.00	\$10,000.00	\$100.00
Topsoil (100mm)	1,001	m <sup>2</sup>	\$4.00	\$4,004.00	\$40.04
Sodding (Unstaked)	1,001	m <sup>2</sup>	\$6.50	\$6,506.50	\$65.07
Seed and Mulch		m <sup>2</sup>	\$250.00		
Calcium Chloride Flake (PROV)	50	kg	\$1.00	\$50.00	\$0.50
Traffic Signage	1	ea	\$250.00	\$250.00	\$2.50

**SUBTOTAL**      **\$122,276**      **\$1,223**

Contingency Allowance (10%)      **\$12,228**      **\$122**

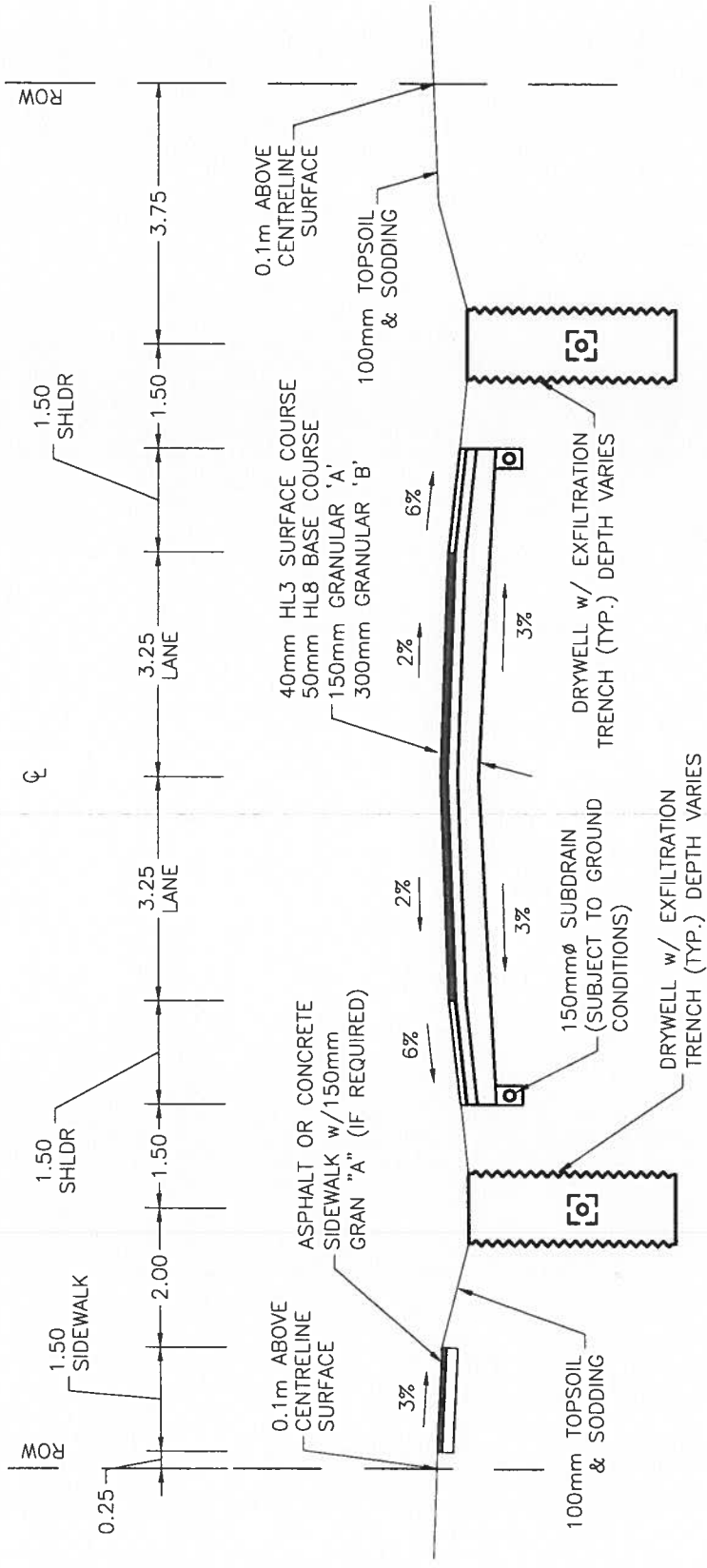
**SUBTOTAL**      **\$134,503**      **\$1,345**

Engineering (15%)      **\$20,175**      **\$202**

**TOTAL**      **\$154,679**      **\$1,550**

+G.S.T.      +G.S.T.

Note Applies to streets in former Township with 30m frontages



NOTE:  
 DRYWELLS @ APPROX 50m  
 INTERVALS w/HDPE DRAINAGE  
 BASINS BETWEEN ENTRANCES

**TYPICAL SUBURBAN SECTION**  
**GRANULAR SHOULDERS w/ DRYWELL &**  
**EXFILTRATION TRENCH & OPTIONAL SIDEWALKS**

**SCALE 1:100**  
 METRIC

**Jp2g Consultants Inc.**  
 ENGINEERING · PLANNING · PROJECT MANAGEMENT



**PETAWAWA ROAD RECONSTRUCTION  
SEMI-URBAN - GRAN.SHLDR w/ DRYWELL, EXFILTRATION TRENCH  
OPINION OF PROBABLE CONSTRUCTION COSTS  
COSTS PER 100m and 1m of ROADWORK**

R5

3 x3m ENTRANCES PER SIDE

MARCH 2012

Item Description	Quantity (per 100 m)	Unit	Unit Price	Estimated Cost (per 100 m)	Estimated Cost (per 1 m)
Earth Excavation (Grading)	400	m <sup>3</sup>	\$8.50	\$3,400.00	\$34.00
Hot Mix HL 3 - Road (40mm)	650	m <sup>2</sup>	\$14.00	\$9,100.00	\$91.00
Hot Mix HL 8 - Road (50mm)	650	m <sup>2</sup>	\$15.00	\$9,750.00	\$97.50
Granular 'A' (150mm)	950	m <sup>2</sup>	\$7.00	\$6,650.00	\$66.50
Granular 'B' Type I (300 mm)	950	m <sup>2</sup>	\$9.00	\$8,550.00	\$85.50
Concrete Curb & Gutter		m	\$65.00		
Asphalt Curb & Gutter		m	\$45.00		
Asphalt Driveways (50mm)	122	m <sup>2</sup>	\$25.00	\$3,037.50	\$30.38
Granular 'A' for Driveways (150mm)	122	m <sup>2</sup>	\$10.00	\$1,215.00	\$12.15
Asphalt Boulevards (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Boulevards (150mm)		m <sup>2</sup>	\$10.00		
Granular 'A' for Shoulders (100mm)	300	m <sup>2</sup>	\$2.50	\$750.00	\$7.50
Concrete Sidewalk inc. gran 'A'		m <sup>2</sup>	\$75.00		
Asphalt Sidewalk		m <sup>2</sup>	\$35.00		
150mm dia. Subdrains	200	m	\$20.00	\$4,000.00	\$40.00
Removal of Asphalt (Full Depth)	650	m <sup>2</sup>	\$4.00	\$2,600.00	\$26.00
Removal of Curbing (All Types)		m	\$15.00		
Removal of Sidewalk (All Types)		m <sup>2</sup>	\$16.00		
Removal of MH/CB/DI		ea	\$500.00		
Removal of Storm Sewer		m	\$40.00		
Removal of Culverts	42	m	\$40.00	\$1,680.00	\$16.80
Adjust Manholes		ea	\$500.00		
Adjust Water Valves		ea	\$250.00		
Adjust Fire Hydrant		ea	\$1,000.00		
600mm X 600mm Catchbasin		ea	\$2,500.00		
1200mm dia. Catchbasin Manhole		ea	\$4,000.00		
200mm dia. HDPE Drainage Basin	4	ea	\$1,000.00	\$4,000.00	\$40.00
450mm dia. Storm Sewer		m	\$250.00		
300mm dia. Storm Sewer	24	m	\$175.00	\$4,200.00	\$42.00
400mm dia. Entrance CSP Culvert		m	\$300.00		
600mm dia. Centreline CSP Culvert		m	\$400.00		
760mm dia. Drywell	4	ea	\$2,400.00	\$9,600.00	\$96.00
300mm dia. Exfiltration System	100	m	\$260.00	\$26,000.00	\$260.00
Allowance for Storm Outlet		m	\$100.00		
Topsoil (100mm)	1,001	m <sup>2</sup>	\$4.00	\$4,004.00	\$40.04
Sodding (Unstaked)	1,001	m <sup>2</sup>	\$6.50	\$6,506.50	\$65.07
Seed and Mulch		m <sup>2</sup>	\$2.50		
Calcium Chloride Flake (PROV)	50	kg	\$1.00	\$50.00	\$0.50
Traffic Signage	1	ea	\$250.00	\$250.00	\$2.50

**SUBTOTAL**      **\$105,343**      **\$1,053**

**Contingency Allowance (10%)**      **\$10,534**      **\$105**

**SUBTOTAL**      **\$115,877**      **\$1,159**

**Engineering (15%)**      **\$17,382**      **\$174**

**TOTAL**      **\$133,259**      **\$1,340**

+G.S.T.      +G.S.T.

Note Applies to streets in former Township with 30m frontage

**PETAWAWA ROAD RECONSTRUCTION  
SEMI-URBAN - PULVERIZE AND PAVE WITH 2 LIFTS OF ASPHALT  
OPINION OF PROBABLE CONSTRUCTION COSTS  
COSTS PER 100m and 1m of ROADWORK**

R6

3 x3m ENTRANCES PER SIDE

MARCH 2012

Item Description	Quantity (per 100 m)	Unit	Unit Price	Estimated Cost (per 100 m)	Estimated Cost (per 1 m)
Earth Excavation (Grading)		m <sup>3</sup>	\$8.50		
Pulverize existing asphalt	650	m <sup>2</sup>	\$1.25	\$812.50	\$8.13
Hot Mix HL 3 - Road (40mm)	650	m <sup>2</sup>	\$14.00	\$9,100.00	\$91.00
Hot Mix HL 8 - Road (50mm)	650	m <sup>2</sup>	\$15.00	\$9,750.00	\$97.50
Granular 'A' (50mm)	950	m <sup>2</sup>	\$2.50	\$2,375.00	\$23.75
Granular 'B' Type I (300 mm)		m <sup>2</sup>	\$9.00		
Concrete Curb & Gutter		m	\$65.00		
Asphalt Curb & Gutter		m	\$45.00		
Asphalt Driveways (50mm)	122	m <sup>2</sup>	\$25.00	\$3,037.50	\$30.38
Granular 'A' for Driveways (75mm)	122	m <sup>2</sup>	\$5.00	\$607.50	\$6.08
Asphalt Boulevards (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Boulevards (150mm)		m <sup>2</sup>	\$10.00		
Granular 'A' for Shoulders (100mm)	300	m <sup>2</sup>	\$5.00	\$1,500.00	\$15.00
Concrete Sidewalk inc. gran 'A'		m <sup>2</sup>	\$75.00		
Asphalt Sidewalk		m <sup>2</sup>	\$35.00		
150mm dia. Subdrains		m	\$20.00		
Removal of Asphalt (Full Depth)		m <sup>2</sup>	\$4.00		
Removal of Curbing (All Types)		m	\$15.00		
Removal of Sidewalk (All Types)		m <sup>2</sup>	\$16.00		
Removal of MH/CB/DI		ea	\$500.00		
Removal of Storm Sewer		m	\$40.00		
Removal of Culverts	30	m	\$40.00	\$1,200.00	\$12.00
Adjust Manholes	1	ea	\$500.00	\$500.00	\$5.00
Adjust Water Valves	1	ea	\$250.00	\$250.00	\$2.50
Adjust Fire Hydrant		ea	\$1,000.00		
600mm X 600mm Catchbasin		ea	\$2,500.00		
1200mm dia. Catchbasin Manhole		ea	\$4,000.00		
200mm dia. HDPE Drainage Basin		ea	\$1,000.00		
450mm dia. Storm Sewer		m	\$250.00		
300mm dia. Storm Sewer		m	\$175.00		
400mm dia. Entrance CSP Culvert	30	m	\$300.00	\$9,000.00	\$90.00
600mm dia. Centreline CSP Culvert		m	\$400.00		
760mm dia. Drywell	2	ea	\$2,400.00	\$4,800.00	\$48.00
300mm dia. Exfiltration System		m	\$260.00		
Allowance for Storm Outlet		m	\$100.00		
Topsoil (100mm)		m <sup>2</sup>	\$4.00		
Sodding (Unstaked)		m <sup>2</sup>	\$6.50		
Seed and Mulch		m <sup>2</sup>	\$2.50		
Calcium Chloride Flake (PROV)	50	kg	\$1.00	\$50.00	\$0.50
Traffic Signage	1	ea	\$250.00	\$250.00	\$2.50
Ditching Repairs			\$1,000.00	\$1,000.00	\$10.00

**SUBTOTAL**      **\$44,233**      **\$442**

Contingency Allowance (10%)      **\$4,423**      **\$44**

**SUBTOTAL**      **\$48,656**      **\$487**

Engineering (15%)      **\$7,298**      **\$73**

**TOTAL**      **\$55,954**      **\$560**

+G.S.T.      +G.S.T.

Note: Applies to streets in former Township Subdivisions with 30m frontage



**PETAWAWA ROAD RECONSTRUCTION  
SEMI-URBAN - PULVERIZE AND PAVE WITH 1 LIFT OF ASPHALT  
OPINION OF PROBABLE CONSTRUCTION COSTS  
COSTS PER 100m and 1m of ROADWORK**

R7A

3 x3m ENTRANCES PER SIDE

MARCH 2012

Item Description	Quantity (per 100 m)	Unit	Unit Price	Estimated Cost (per 100 m)	Estimated Cost (per 1 m)
Earth Excavation (Grading)		m <sup>3</sup>	\$8.50		
Pulverize existing asphalt	650	m <sup>2</sup>	\$1.25	\$812.50	\$8.13
Hot Mix HL 3 - Road (50mm)	650	m <sup>2</sup>	\$14.00	\$9,100.00	\$91.00
Hot Mix HL 8 - Road (50mm)		m <sup>2</sup>	\$15.00		
Granular 'A' (50mm)	950	m <sup>2</sup>	\$2.50	\$2,375.00	\$23.75
Granular 'B' Type I (300 mm)		m <sup>2</sup>	\$9.00		
Concrete Curb & Gutter		m	\$65.00		
Asphalt Curb & Gutter		m	\$45.00		
Asphalt Driveways (50mm)	122	m <sup>2</sup>	\$25.00	\$3,037.50	\$30.38
Granular 'A' for Driveways (75mm)	122	m <sup>2</sup>	\$5.00	\$607.50	\$6.08
Asphalt Boulevards (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Boulevards (150mm)		m <sup>2</sup>	\$10.00		
Granular 'A' for Shoulders (50mm)	300	m <sup>2</sup>	\$2.50	\$750.00	\$7.50
Concrete Sldewalk inc. gran 'A'		m <sup>2</sup>	\$75.00		
Asphalt Sidewalk		m <sup>2</sup>	\$35.00		
150mm dla. Subdrains		m	\$20.00		
Removal of Asphalt (Full Depth)		m <sup>2</sup>	\$4.00		
Removal of Curbing (All Types)		m	\$15.00		
Removal of Sidewalk (All Types)		m <sup>2</sup>	\$16.00		
Removal of MH/CB/DI		ea	\$500.00		
Removal of Storm Sewer		m	\$40.00		
Removal of Culverts	30	m	\$40.00	\$1,200.00	\$12.00
Adjust Manholes		ea	\$500.00		
Adjust Water Valves		ea	\$250.00		
Adjust Fire Hydrant		ea	\$1,000.00		
600mm X 600mm Catchbasin		ea	\$2,500.00		
1200mm dia. Catchbasin Manhole		ea	\$4,000.00		
200mm dla. HDPE Drainage Basin		ea	\$1,000.00		
450mm dia. Storm Sewer		m	\$250.00		
300mm dia. Storm Sewer		m	\$175.00		
400mm dia. Entrance CSP Culvert	30	m	\$300.00	\$9,000.00	\$90.00
600mm dia. Centreline CSP Culvert		m	\$400.00		
760mm dia. Drywell	2	ea	\$2,400.00	\$4,800.00	\$48.00
300mm dia. Exfiltration System		m	\$260.00		
Allowance for Storm Outlet		m	\$100.00		
Topsoil (100mm)		m <sup>2</sup>	\$4.00		
Sodding (Unstaked)		m <sup>2</sup>	\$6.50		
Seed and Mulch		m <sup>2</sup>	\$2.50		
Calclum Chloride Flake (PROV)	50	kg	\$1.00	\$50.00	\$0.50
Traffic Signage	1	ea	\$250.00	\$250.00	\$2.50
Ditching Repairs			\$1,000.00	\$1,000.00	\$10.00

**SUBTOTAL**      **\$32,983**      **\$330**

**Contingency Allowance (10%)**      **\$3,298**      **\$33**

**SUBTOTAL**      **\$36,281**      **\$363**

**Engineering (15%)**      **\$5,442**      **\$54**

**TOTAL**      **\$41,723**      **\$420**

+G.S.T.      +G.S.T.

Note: Applies to Streets in former Township with 30m frontages

**PETAWAWA ROAD RECONSTRUCTION  
SEMI-URBAN - PULVERIZE AND PAVE WITH 1 LIFT OF ASPHALT  
INC. INSTALLATION OF EXFILTRATION STORM SYSTEM  
OPINION OF PROBABLE CONSTRUCTION COSTS  
COSTS PER 100m and 1m of ROADWORK**

R7B

3 x3m ENTRANCES PER SIDE

MARCH 2012

Item Description	Quantity (per 100 m)	Unit	Unit Price	Estimated Cost (per 100 m)	Estimated Cost (per 1 m)
Earth Excavation (Grading)		m <sup>3</sup>	\$8.50		
Pulverize existing asphalt	650	m <sup>2</sup>	\$1.25	\$812.50	\$8.13
Hot Mix HL 3 - Road (50mm)	650	m <sup>2</sup>	\$14.00	\$9,100.00	\$91.00
Hot Mix HL 8 - Road (50mm)		m <sup>2</sup>	\$15.00		
Granular 'A' (50mm)	950	m <sup>2</sup>	\$2.50	\$2,375.00	\$23.75
Granular 'B' Type I (300 mm)		m <sup>2</sup>	\$9.00		
Concrete Curb & Gutter		m	\$65.00		
Asphalt Curb & Gutter		m	\$45.00		
Asphalt Driveways (50mm)	122	m <sup>2</sup>	\$25.00	\$3,037.50	\$30.38
Granular 'A' for Driveways (75mm)	122	m <sup>2</sup>	\$5.00	\$607.50	\$6.08
Asphalt Boulevards (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Boulevards (150mm)		m <sup>2</sup>	\$10.00		
Granular 'A' for Shoulders (50mm)	300	m <sup>2</sup>	\$2.50	\$750.00	\$7.50
Concrete Sidewalk inc. gran 'A'		m <sup>2</sup>	\$75.00		
Asphalt Sidewalk		m <sup>2</sup>	\$35.00		
150mm dia. Subdrains		m	\$20.00		
Removal of Asphalt (Full Depth)		m <sup>2</sup>	\$4.00		
Removal of Curbing (All Types)		m	\$15.00		
Removal of Sidewalk (All Types)		m <sup>2</sup>	\$16.00		
Removal of MH/CB/DI		ea	\$500.00		
Removal of Storm Sewer		m	\$40.00		
Removal of Culverts	30	m	\$40.00	\$1,200.00	\$12.00
Adjust Manholes		ea	\$500.00		
Adjust Water Valves		ea	\$250.00		
Adjust Fire Hydrant		ea	\$1,000.00		
600mm X 600mm Catchbasin		ea	\$2,500.00		
1200mm dia. Catchbasin Manhole		ea	\$4,000.00		
200mm dia. HDPE Drainage Basin		ea	\$1,000.00		
450mm dia. Storm Sewer		m	\$250.00		
300mm dia. Storm Sewer		m	\$175.00		
400mm dia. Entrance CSP Culvert	30	m	\$300.00	\$9,000.00	\$90.00
600mm dia. Centreline CSP Culvert		m	\$400.00		
760mm dia. Drywell	2	ea	\$2,400.00	\$4,800.00	\$48.00
300mm dia. Exfiltration System	100	m	\$260.00	\$26,000.00	\$260.00
Allowance for Storm Outlet		m	\$100.00		
Topsoil (100mm)		m <sup>2</sup>	\$4.00		
Sodding (Unstaked)		m <sup>2</sup>	\$6.50		
Seed and Mulch		m <sup>2</sup>	\$2.50		
Calcium Chloride Flake (PROV)	50	kg	\$1.00	\$50.00	\$0.50
Traffic Signage	1	ea	\$250.00	\$250.00	\$2.50
Ditching Repairs			\$1,000.00	\$1,000.00	\$10.00

**SUBTOTAL**      **\$58,983**      **\$590**

**Contingency Allowance (10%)**      **\$5,898**      **\$59**

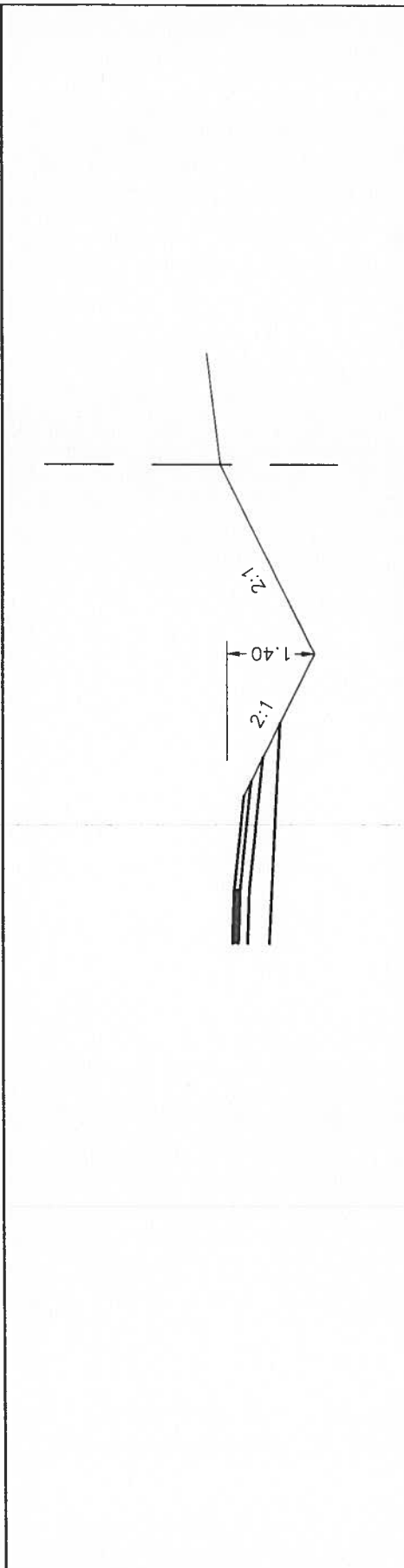
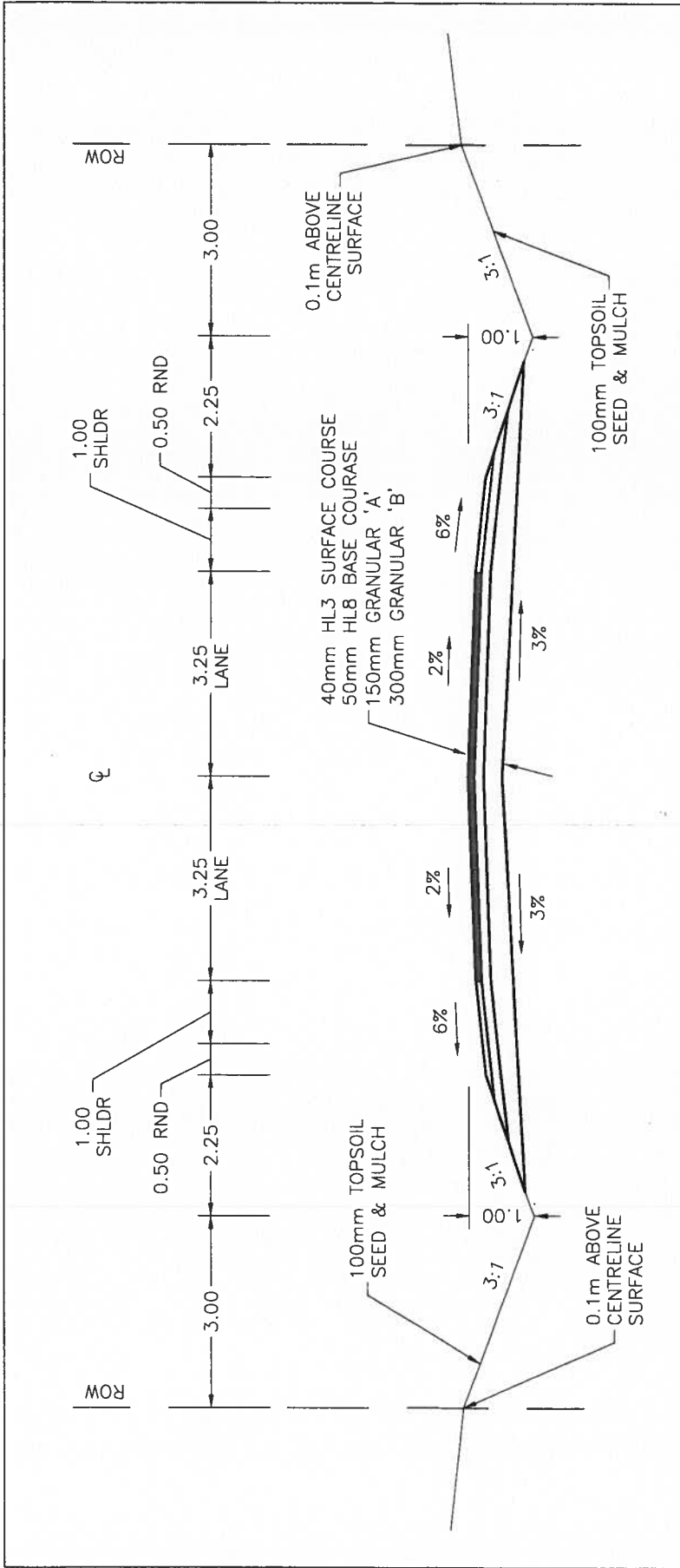
**SUBTOTAL**      **\$64,881**      **\$649**

**Engineering (15%)**      **\$9,732**      **\$97**

**TOTAL**      **\$74,613**      **\$750**

+G.S.T.      +G.S.T.

Note: Applies to Streets in former Township with 30m frontages



**TYPICAL RURAL SECTION  
GRANULAR SHOULDERS  
w/ DITCHING**

**SCALE 1:100  
METRIC**

**Jp2g Consultants Inc.**  
INCORPORATED IN CANADA  
PROFESSIONAL ENGINEERS • PLANNERS • PROJECT MANAGERS

**R8**

R8.dwg

**PETAWAWA ROAD RECONSTRUCTION  
RURAL SECTION - GRANULAR SHOULDERS w/ DITCHING  
WITH 2 LIFTS OF ASPHALT  
OPINION OF PROBABLE CONSTRUCTION COSTS  
COSTS PER 100m and 1m of ROADWORK**

R8

1 x3m ENTRANCE PER SIDE

MARCH 2012

Item Description	Quantity	Unit	Unit Price	Estimated Cost	Estimated Cost
	(per 100 m)			(per 100 m)	(per 1 m)
Earth Excavation (Grading)	700	m <sup>3</sup>	\$8.50	\$5,950.00	\$59.50
Hot Mix HL 3 - Road (40mm)	650	m <sup>2</sup>	\$14.00	\$9,100.00	\$91.00
Hot Mix HL 8 - Road (50mm)	650	m <sup>2</sup>	\$15.00	\$9,750.00	\$97.50
Granular 'A' (150mm)	950	m <sup>2</sup>	\$7.00	\$6,650.00	\$66.50
Granular 'B' Type I (300 mm)	1,150	m <sup>2</sup>	\$9.00	\$10,350.00	\$103.50
Concrete Curb & Gutter		m	\$65.00		
Asphalt Curb & Gutter		m	\$45.00		
Asphalt Driveways (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Driveways (150mm)	41	m <sup>2</sup>	\$10.00	\$405.00	\$4.05
Asphalt Boulevards (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Boulevards (150mm)		m <sup>2</sup>	\$10.00		
Granular 'A' for Shoulders (100mm)	300	m <sup>2</sup>	\$5.00	\$1,500.00	\$15.00
Concrete Sidewalk inc. gran 'A'		m <sup>2</sup>	\$75.00		
Asphalt Sidewalk		m <sup>2</sup>	\$35.00		
150mm dia. Subdrains		m	\$20.00		
Removal of Asphalt (Full Depth)	650	m <sup>2</sup>	\$4.00	\$2,600.00	\$26.00
Removal of Curbing (All Types)		m	\$15.00		
Removal of Sidewalk (All Types)		m <sup>2</sup>	\$16.00		
Removal of MH/CB/DI		ea	\$500.00		
Removal of Storm Sewer		m	\$40.00		
Removal of Culverts	19	m	\$40.00	\$760.00	\$7.60
Adjust Manholes		ea	\$500.00		
Adjust Water Valves		ea	\$250.00		
Adjust Fire Hydrant		ea	\$1,000.00		
600mm X 600mm Catchbasin		ea	\$2,500.00		
1200mm dia. Catchbasin Manhole		ea	\$4,000.00		
200mm dia. HDPE Drainage Basin		ea	\$1,000.00		
450mm dia. Storm Sewer		m	\$250.00		
300mm dia. Storm Sewer		m	\$175.00		
400mm dia. Entrance CSP Culvert	14	m	\$300.00	\$4,200.00	\$42.00
600mm dia. Centreline CSP Culvert	5	m	\$400.00	\$2,000.00	\$20.00
760mm dia. Drywell		ea	\$2,400.00		
300mm dia. Exfiltration System		m	\$260.00		
Allowance for Storm Outlet		m	\$100.00		
Topsoil (100mm)	1,000	m <sup>2</sup>	\$4.00	\$4,000.00	\$40.00
Sodding (Unstaked)		m <sup>2</sup>	\$6.50		
Seed and Mulch	1,000	m <sup>2</sup>	\$2.50	\$2,500.00	\$25.00
Calcium Chloride Flake (PROV)	50	kg	\$1.00	\$50.00	\$0.50
Traffic Signage	1	ea	\$250.00	\$250.00	\$2.50
Ditching			\$1,000.00	\$1,000.00	\$10.00

**SUBTOTAL**      **\$61,065**      **\$611**

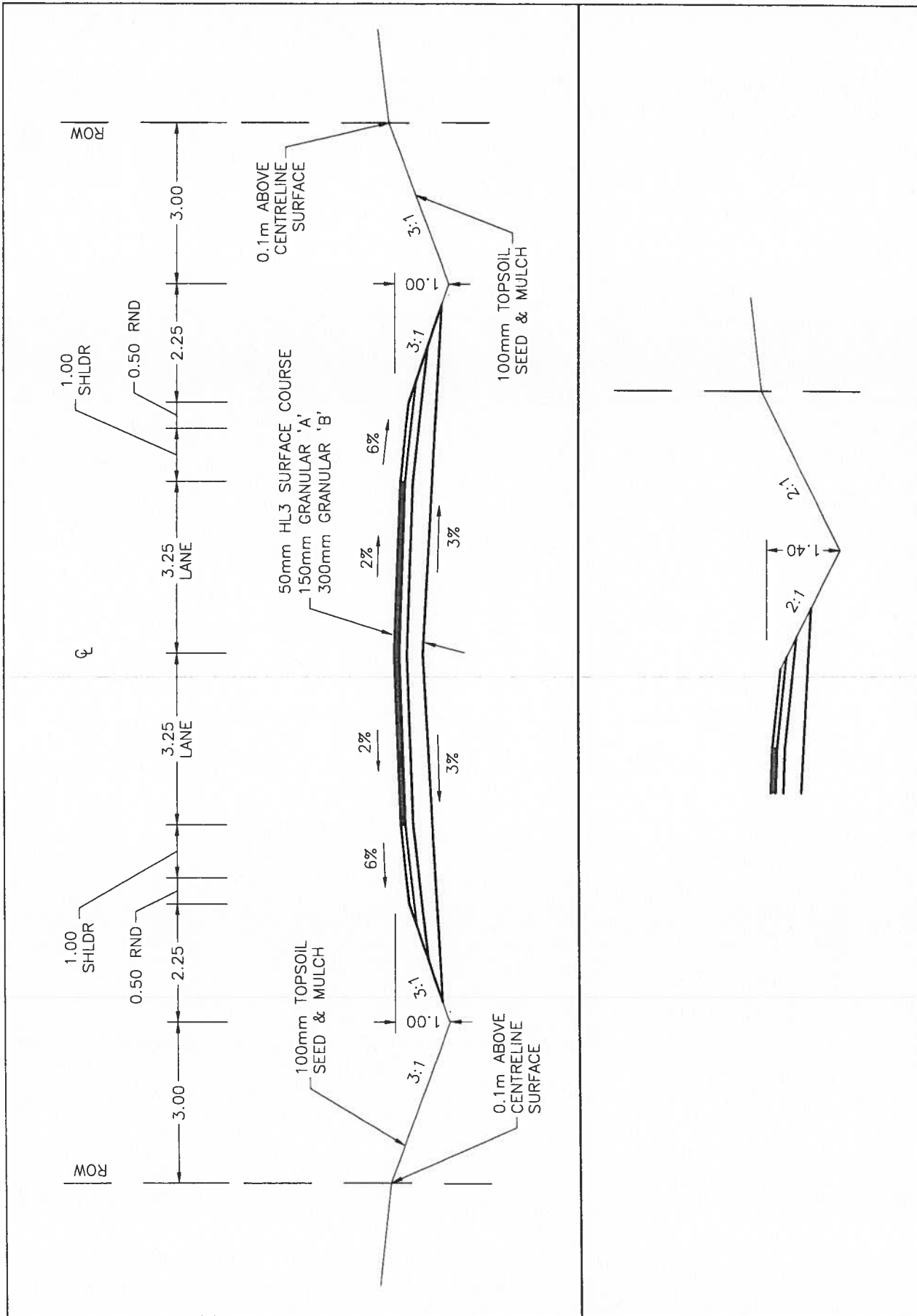
Contingency Allowance (10%)      **\$6,107**      **\$61**

**SUBTOTAL**      **\$67,172**      **\$672**

Engineering (15%)      **\$10,076**      **\$101**

**TOTAL**      **\$77,247**      **\$780**

+G.S.T.      +G.S.T.



**TYPICAL RURAL SECTION  
GRANULAR SHOULDERS  
w/ DITCHING**

**SCALE 1:100**  
METRIC

**R9**

**Jp2g Consultants Inc.**  
CONSULTANTS IN CIVIL ENGINEERING

**PETAWAWA ROAD RECONSTRUCTION  
RURAL SECTION - GRANULAR SHOULDERS w/ DITCHING  
WITH 1 LIFT OF ASPHALT  
OPINION OF PROBABLE CONSTRUCTION COSTS  
COSTS PER 100m and 1m of ROADWORK**

R9

1 x3m ENTRANCE PER SIDE

MARCH 2012

Item Description	Quantity	Unit	Unit Price	Estimated Cost	Estimated Cost
	(per 100 m)			(per 100 m)	(per 1 m)
Earth Excavation (Grading)	700	m <sup>3</sup>	\$8.50	\$5,950.00	\$59.50
Hot Mix HL 3 - Road (50mm)	650	m <sup>2</sup>	\$14.00	\$9,100.00	\$91.00
Hot Mix HL 8 - Road (50mm)		m <sup>2</sup>	\$15.00		
Granular 'A' (150mm)	950	m <sup>2</sup>	\$7.00	\$6,650.00	\$66.50
Granular 'B' Type I (300 mm)	1,150	m <sup>2</sup>	\$9.00	\$10,350.00	\$103.50
Concrete Curb & Gutter		m	\$65.00		
Asphalt Curb & Gutter		m	\$45.00		
Asphalt Driveways (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Driveways (150mm)	41	m <sup>2</sup>	\$10.00	\$405.00	\$4.05
Asphalt Boulevards (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Boulevards (150mm)		m <sup>2</sup>	\$10.00		
Granular 'A' for Shoulders (50mm)	300	m <sup>2</sup>	\$2.50	\$750.00	\$7.50
Concrete Sidewalk inc. gran 'A'		m <sup>2</sup>	\$75.00		
Asphalt Sidewalk		m <sup>2</sup>	\$35.00		
150mm dia. Subdrains		m	\$20.00		
Removal of Asphalt (Full Depth)	650	m <sup>2</sup>	\$4.00	\$2,600.00	\$26.00
Removal of Curbing (All Types)		m	\$15.00		
Removal of Sidewalk (All Types)		m <sup>2</sup>	\$16.00		
Removal of MH/CB/DI		ea	\$500.00		
Removal of Storm Sewer		m	\$40.00		
Removal of Culverts	19	m	\$40.00	\$760.00	\$7.60
Adjust Manholes		ea	\$500.00		
Adjust Water Valves		ea	\$250.00		
Adjust Fire Hydrant		ea	\$1,000.00		
600mm X 600mm Catchbasin		ea	\$2,500.00		
1200mm dia. Catchbasin Manhole		ea	\$4,000.00		
200mm dia. HDPE Drainage Basin		ea	\$1,000.00		
450mm dia. Storm Sewer		m	\$250.00		
300mm dia. Storm Sewer		m	\$175.00		
400mm dia. Entrance CSP Culvert	14	m	\$300.00	\$4,200.00	\$42.00
600mm dia. Centreline CSP Culvert	5	m	\$400.00	\$2,000.00	\$20.00
760mm dia. Drywell		ea	\$2,400.00		
300mm dia. Exfiltration System		m	\$260.00		
Allowance for Storm Outlet		m	\$100.00		
Topsoil (100mm)	1,000	m <sup>2</sup>	\$4.00	\$4,000.00	\$40.00
Sodding (Unstaked)		m <sup>2</sup>	\$6.50		
Seed and Mulch	1,000	m <sup>2</sup>	\$2.50	\$2,500.00	\$25.00
Calcium Chloride Flake (PROV)	50	kg	\$1.00	\$50.00	\$0.50
Traffic Signage	1	ea	\$250.00	\$250.00	\$2.50
Ditching			\$1,000.00	\$1,000.00	\$10.00

**SUBTOTAL**      **\$50,565**      **\$506**

Contingency Allowance (10%)      **\$5,057**      **\$51**

**SUBTOTAL**      **\$55,622**      **\$556**

Engineering (15%)      **\$8,343**      **\$83**

**TOTAL**      **\$63,965**      **\$640**

+G.S.T.      +G.S.T.

**PETAWAWA ROAD RECONSTRUCTION  
RURAL SECTION - GRANULAR SHOULDERS w/ DITCHING  
BASE AND SURFACE  
OPINION OF PROBABLE CONSTRUCTION COSTS  
COSTS PER 100m and 1m of ROADWORK**

R10

1 x3m ENTRANCE PER SIDE

MARCH 2012

Item Description	Quantity (per 100 m)	Unit	Unit Price	Estimated Cost (per 100 m)	Estimated Cost (per 1 m)
Earth Excavation (Grading)		m <sup>3</sup>	\$8.50		
Hot Mix HL 3 - Road (50mm)	650	m <sup>2</sup>	\$14.00	\$9,100.00	\$91.00
Hot Mix HL 8 - Road (50mm)		m <sup>2</sup>	\$15.00		
Granular 'A' (150mm)	950	m <sup>2</sup>	\$7.00	\$6,650.00	\$66.50
Granular 'B' Type I (300 mm)		m <sup>2</sup>	\$9.00		
Concrete Curb & Gutter		m	\$65.00		
Asphalt Curb & Gutter		m	\$45.00		
Asphalt Driveways (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Driveways	41	m <sup>2</sup>	\$10.00	\$405.00	\$4.05
Asphalt Boulevards (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Boulevards (150mm)		m <sup>2</sup>	\$10.00		
Granular 'A' for Shoulders (50mm)	300	m <sup>2</sup>	\$2.50	\$750.00	\$7.50
Concrete Sidewalk inc. gran 'A'		m <sup>2</sup>	\$75.00		
Asphalt Sidewalk		m <sup>2</sup>	\$35.00		
150mm dia. Subdrains		m	\$20.00		
Removal of Asphalt (Full Depth)	650	m <sup>2</sup>	\$4.00	\$2,600.00	\$26.00
Removal of Curbing (All Types)		m	\$15.00		
Removal of Sidewalk (All Types)		m <sup>2</sup>	\$16.00		
Removal of MH/CB/DI		ea	\$500.00		
Removal of Storm Sewer		m	\$40.00		
Removal of Culverts	5	m	\$40.00	\$200.00	\$2.00
Adjust Manholes		ea	\$500.00		
Adjust Water Valves		ea	\$250.00		
Adjust Fire Hydrant		ea	\$1,000.00		
600mm X 600mm Catchbasin		ea	\$2,500.00		
1200mm dia. Catchbasin Manhole		ea	\$4,000.00		
200mm dia. HDPE Drainage Basin		ea	\$1,000.00		
450mm dia. Storm Sewer		m	\$250.00		
300mm dia. Storm Sewer		m	\$175.00		
400mm dia. Entrance CSP Culvert	12	m	\$300.00	\$3,600.00	\$36.00
600mm dia. Centreline CSP Culvert	5	m	\$400.00	\$2,000.00	\$20.00
760mm dia. Drywell		ea	\$2,400.00		
300mm dia. Exfiltration System		m	\$260.00		
Allowance for Storm Outlet		m	\$100.00		
Topsoil (100mm)		m <sup>2</sup>	\$4.00		
Sodding (Unstaked)		m <sup>2</sup>	\$6.50		
Seed and Mulch		m <sup>2</sup>	\$2.50		
Calcium Chloride Flake (PROV)	50	kg	\$1.00	\$50.00	\$0.50
Traffic Signage	1	ea	\$250.00	\$250.00	\$2.50
Ditching			\$1,000.00	\$1,000.00	\$10.00

**SUBTOTAL**      **\$26,605**      **\$266**

**Contingency Allowance (10%)**      **\$2,661**      **\$27**

**SUBTOTAL**      **\$29,266**      **\$293**

**Engineering (15%)**      **\$4,390**      **\$44**

**TOTAL**      **\$33,655**      **\$340**

+G.S.T.

+G.S.T.





**PETAWAWA ROAD RECONSTRUCTION  
RURAL SECTION - GRANULAR SHOULDERS w/ DITCHING  
PULVERIZE AND PAVE WITH 1 LIFT OF ASPHALT  
OPINION OF PROBABLE CONSTRUCTION COSTS  
COSTS PER 100m and 1m of ROADWORK**

R12

1 x3m ENTRANCE PER SIDE

MARCH 2012

Item Description	Quantity (per 100 m)	Unit	Unit Price	Estimated Cost (per 100 m)	Estimated Cost (per 1 m)
Earth Excavation (Grading)		m <sup>3</sup>	\$8.50		
Pulverize existing asphalt	650	m <sup>2</sup>	\$1.25	\$812.50	\$8.13
Hot Mix HL 3 - Road (50mm)	650	m <sup>2</sup>	\$14.00	\$9,100.00	\$91.00
Hot Mix HL 8 - Road (50mm)		m <sup>2</sup>	\$15.00		
Granular 'A' (50mm)	950	m <sup>2</sup>	\$2.50	\$2,375.00	\$23.75
Granular 'B' Type I (300 mm)		m <sup>2</sup>	\$9.00		
Concrete Curb & Gutter		m	\$65.00		
Asphalt Curb & Gutter		m	\$45.00		
Asphalt Driveways (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Driveways (150mm)	41	m <sup>2</sup>	\$10.00	\$405.00	\$4.05
Asphalt Boulevards (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Boulevards (150mm)		m <sup>2</sup>	\$10.00		
Granular 'A' for Shoulders (50mm)	300	m <sup>2</sup>	\$2.50	\$750.00	\$7.50
Concrete Sidewalk inc. gran 'A'		m <sup>2</sup>	\$75.00		
Asphalt Sidewalk		m <sup>2</sup>	\$35.00		
150mm dia. Subdrains		m	\$20.00		
Removal of Asphalt (Full Depth)		m <sup>2</sup>	\$4.00		
Removal of Curbing (All Types)		m	\$15.00		
Removal of Sidewalk (All Types)		m <sup>2</sup>	\$16.00		
Removal of MH/CB/DI		ea	\$500.00		
Removal of Storm Sewer		m	\$40.00		
Removal of Culverts	5	m	\$40.00	\$200.00	\$2.00
Adjust Manholes		ea	\$500.00		
Adjust Water Valves		ea	\$250.00		
Adjust Fire Hydrant		ea	\$1,000.00		
600mm X 600mm Catchbasin		ea	\$2,500.00		
1200mm dia. Catchbasin Manhole		ea	\$4,000.00		
200mm dia. HDPE Drainage Basin		ea	\$1,000.00		
450mm dia. Storm Sewer		m	\$250.00		
300mm dia. Storm Sewer		m	\$175.00		
400mm dia. Entrance CSP Culvert	12	m	\$300.00	\$3,600.00	\$36.00
600mm dia. Centreline CSP Culvert	5	m	\$400.00	\$2,000.00	\$20.00
760mm dia. Drywell		ea	\$2,400.00		
300mm dia. Exfiltration System		m	\$260.00		
Allowance for Storm Outlet		m	\$100.00		
Topsoil (100mm)	100	m <sup>2</sup>	\$4.00	\$400.00	\$4.00
Sodding (Unstaked)		m <sup>2</sup>	\$6.50		
Seed and Mulch	100	m <sup>2</sup>	\$2.50	\$250.00	\$2.50
Calcium Chloride Flake (PROV)	50	kg	\$1.00	\$50.00	\$0.50
Traffic Signage	1	ea	\$250.00	\$250.00	\$2.50
Ditching			\$1,000.00	\$1,000.00	\$10.00

**SUBTOTAL**      **\$21,193**      **\$212**

Contingency Allowance (10%)      **\$2,119**      **\$21**

**SUBTOTAL**      **\$23,312**      **\$233**

Engineering (15%)      **\$3,497**      **\$35**

**TOTAL**      **\$26,809**      **\$270**

+G.S.T.

+G.S.T.

**PETAWAWA ROAD RECONSTRUCTION  
RURAL SECTION - GRANULAR SHOULDERS w/ DITCHING  
PULVERIZE AND PAVE WITH 1 LIFT OF ASPHALT (EXTRA GRANULAR A)  
OPINION OF PROBABLE CONSTRUCTION COSTS  
COSTS PER 100m and 1m of ROADWORK**

R13

1 x3m ENTRANCE PER SIDE

MARCH 2012

Item Description	Quantity (per 100 m)	Unit	Unit Price	Estimated Cost (per 100 m)	Estimated Cost (per 1 m)
Earth Excavation (Grading)		m <sup>3</sup>	\$8.50		
Pulverize existing asphalt	650	m <sup>2</sup>	\$1.25	\$812.50	\$8.13
Hot Mix HL 3 - Road (50mm)	650	m <sup>2</sup>	\$14.00	\$9,100.00	\$91.00
Hot Mix HL 8 - Road (50mm)		m <sup>2</sup>	\$15.00		
Granular 'A' (150mm)	950	m <sup>2</sup>	\$7.00	\$6,650.00	\$66.50
Granular 'B' Type I (300 mm)		m <sup>2</sup>	\$9.00		
Concrete Curb & Gutter		m	\$65.00		
Asphalt Curb & Gutter		m	\$45.00		
Asphalt Driveways (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Driveways (200mm)	41	m <sup>2</sup>	\$15.00	\$607.50	\$6.08
Asphalt Boulevards (50mm)		m <sup>2</sup>	\$25.00		
Granular 'A' for Boulevards (150mm)		m <sup>2</sup>	\$10.00		
Granular 'A' for Shoulders (50mm)	300	m <sup>2</sup>	\$2.50	\$750.00	\$7.50
Concrete Sidewalk inc. gran 'A'		m <sup>2</sup>	\$75.00		
Asphalt Sidewalk		m <sup>2</sup>	\$35.00		
150mm dia. Subdrains		m	\$20.00		
Removal of Asphalt (Full Depth)		m <sup>2</sup>	\$4.00		
Removal of Curbing (All Types)		m	\$15.00		
Removal of Sidewalk (All Types)		m <sup>2</sup>	\$16.00		
Removal of MH/CB/DI		ea	\$500.00		
Removal of Storm Sewer		m	\$40.00		
Removal of Culverts	5	m	\$40.00	\$200.00	\$2.00
Adjust Manholes		ea	\$500.00		
Adjust Water Valves		ea	\$250.00		
Adjust Fire Hydrant		ea	\$1,000.00		
600mm X 600mm Catchbasin		ea	\$2,500.00		
1200mm dia. Catchbasin Manhole		ea	\$4,000.00		
200mm dia. HDPE Drainage Basin		ea	\$1,000.00		
450mm dia. Storm Sewer		m	\$250.00		
300mm dia. Storm Sewer		m	\$175.00		
400mm dia. Entrance CSP Culvert	12	m	\$300.00	\$3,600.00	\$36.00
600mm dia. Centreline CSP Culvert	5	m	\$400.00	\$2,000.00	\$20.00
760mm dia. Drywell		ea	\$2,400.00		
300mm dia. Exfiltration System		m	\$260.00		
Allowance for Storm Outlet		m	\$100.00		
Topsoil (100mm)	100	m <sup>2</sup>	\$4.00	\$400.00	\$4.00
Sodding (Unstaked)		m <sup>2</sup>	\$6.50		
Seed and Mulch	100	m <sup>2</sup>	\$2.50	\$250.00	\$2.50
Calcium Chloride Flake (PROV)	50	kg	\$1.00	\$50.00	\$0.50
Traffic Signage	1	ea	\$250.00	\$250.00	\$2.50
Ditching			\$1,000.00	\$1,000.00	\$10.00

**SUBTOTAL** **\$25,670** **\$257**

**Contingency Allowance (10%)** **\$2,567** **\$26**

**SUBTOTAL** **\$28,237** **\$282**

**Engineering (15%)** **\$4,236** **\$42**

**TOTAL** **\$32,473** **\$330**

+G.S.T. +G.S.T.

**APPENDIX Q**

**MEMO FROM DAN PATRICK JAN. 12, 2010  
RE PETAWAWA/DND  
WATER AGREEMENT**



TOWN OF PETAWAWA  
1111 Victoria Street  
Petawawa, ON K8H 2E6  
(613) 687-5536  
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MEMO TO: Mitch Stillman, B.Sc.(Hons), C.M.O.  
FROM: Dan Patrick, Project Coordinator  
RE: Petawawa/DND Water Agreement  
DATE: January 12, 2010

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Reference Documents:

1. Letter of Intent between DND and Village of Petawawa dated January 27, 1993.
2. Agreement between DND and Village of Petawawa dated October 26, 1993.

Key Document Items:

1. Letter of Intent 1993
  - Village agreed to assume responsibility for provision of water supply and maintain the Water Treatment Plant (WTP) on condition that the WTP is upgraded to Ministry of Environment (MOE) standards.
  - Jp2g Engineering, April 1991 Report defined work and estimates to upgrade WTP.
  - Village agreed to oversee the engineering and construction for the upgrades and expansion.
  - DND agreed to pay its portion of costs based on percentages established in the Letter of Intent.
  - No mention of piping system in Letter of Intent.

## 2. Agreement 1993

- DND owned the WTP and associated piping systems referred to as “the Works”.
- “The Works” are shown on an attached Plan LP80-8410-101, 101A and 101B.
- The referenced plans also include the Sanitary Treatment Plant (STP), sanitary and storm sewer systems transferred to the Town with a 1998 Agreement.
- DND agreed to share upgrading “the Works” per the 1993 Letter of Intent which was the WTP only.
- DND agreed to purchase water from the Village per an Operating Agreement to be negotiated.
- DND to transfer ownership of “the Works” as per the referenced Plans and to include their interest in the water piping system beyond the Base property.
- DND provided a 10 metre right of way (ROW) from the WTP to the Base property limit along the trunk water main route. ROW is for access and maintaining the trunk watermain.
- The Village to be responsible for maintenance of WTP access road from Lieven Road to the WTP.
- Base BCEO to be advised when Village intends to work on the trunk water line.
- The Village to supply up to 3.2 million imperial gallons per day.
- If repairs are required on the piping system owned by the Base, the Base is to be notified to do repairs. If an emergency the Village can do repairs and charge costs to the Base.
- DND provided an easement from the WTP to Manhole #374 on Lieven Road for a sewer line to pump waste from WTP.
- A water line from the Base property limits on the north side of the Petawawa River to the Base property limits at the South Townsite including the river crossing is to be owned and maintained by the Village.

## Comments

1. The Town owns and is responsible for the maintenance of the WTP and the trunk water line from the WTP through the North Townsite and through the Town to the boundary of the South Townsite.
2. There is a ten metre easement within the North Townsite from the WTP to the Base boundary south of Frederick Gate for access and maintenance of the trunk water line.
3. Repairs to the Base water system beyond the trunk water main are the responsibility of the Base. Emergency repairs can be completed by the Town and charged to the Base.
4. All watermain appurtenances being valves, meters, etc located on and being an integral part of the trunk water line are owned and to be maintained by the Town.
5. The Town owns and is responsible for the maintenance of the watermain between the Base North Townsite and the South Townsite in the vicinity of Alfred Street which includes a river crossing and associated valves and meters.



Dan Patrick, Project Coordinator

DP/kp

**APPENDIX R  
SCHEMATIC OF WATERCAD MODEL**

Scenario: existing ave day Jan 2011 data

