

Water



Corporation of the Village of South River

## **2013 Asset Management Plan For Roads, Bridges, Buildings and Watermains**

**Prepared by:**

AECOM  
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**Project Number:**

60300464

**Date:**

December, 2013

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December 30, 2013

**Ms. Susan Arnold,**  
Village of South River  
P. O. Box 310  
63 Marie Street  
SOUTH RIVER, Ontario.  
P0A 1X0

Dear Ms. Arnold:

**Project No:** 60300464

**Regarding:** 2013 Asset Management Plan  
For Roads, Bridges, Buildings and Watermains

We are pleased to provide herein an Asset Management Plan for Roads, Bridges, Buildings and Watermains, covering the 10 year period from 2014 through 2023.

The plan has been developed in a format documented in the Ministry of Infrastructure "Guide for Municipal Asset Management Plans".

We thank you for your input into the plan and trust it will assist the Village of South River in maintaining their assets at an acceptable level and at a reasonable cost.

Sincerely,  
**AECOM Canada Ltd.**

G. A. Crosby  
Project Manager  
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GAC:wh  
Encl.

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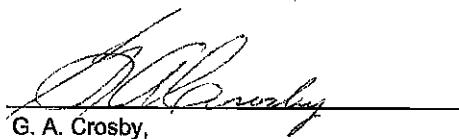
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## Revision Log

| Revision # | Revised By | Date | Issue / Revision Description |
|------------|------------|------|------------------------------|
|            |            |      |                              |
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|            |            |      |                              |
|            |            |      |                              |

## AECOM Signatures

Report Prepared By:



G. A. Crosby,  
Project Manager

## Executive Summary

The Asset Management Plan presented in this document is for roads, bridges, buildings and watermains. The Village of South River currently maintains the following related assets:

|  |          |
|--|----------|
| 1. Municipal Roads                         | 15.44 km |
| 2. Municipal Bridges                       | 2 Each   |
| 3. Municipal Buildings                     | 10 Each  |
| 4. Municipal Water Mains and Appurtenances | 14,357 m |

A comprehensive inventory of the Village's roads and bridges was carried out in 2013. A review of the buildings and water supply facilities was also carried out in 2013.

The value of current identified needs for the assets is as follows:

|                                     |                     |
|-------------------------------------|---------------------|
| 1. Roads and Associated Watermains  | \$ 9,552,284.00     |
| 2. Bridges                          | 229,000.00          |
| 3. Water Treatment Plant (New Roof) | 150,000.00          |
| 4. Watermains (Replacements)        | <u>4,133,000.00</u> |
| Total Identified Needs              | \$14,064,284.00     |

The Village has a very limited tax base and simply cannot afford to address these needs without assistance from outside sources. They budget approximately \$400,000.00 per year for road related expenditures, most of which are for maintenance activities. When funding is available, they increase the budget to accommodate rehabilitation projects.

Nominal budgets are established each year to address maintenance needs for the other assets. There are no budgets for major up-grades except in the case of an emergency or when funding assistance is available from other levels of government or private industry.

In order to address needs it is necessary to establish acceptable levels of service for the system. The Municipality is comfortable with present day levels of service being offered which are tied directly to affordability under the existing municipal tax base. Assets are maintained in a safe and practical condition.

A ten (10) year asset management plan for roads and watermains has been developed and is included in Appendix C. The plan covers rehabilitation of roads and watermains in 2014 and 2015 under the assumption that funding may be made available through the Small, Rural and Northern Municipal Infrastructure Fund – Capital Program. It is acknowledged that funding under the program is not guaranteed. The municipality has been invited, however, to submit a full application for funding under the current program. The budgets for the remaining years will only be sufficient for maintenance of the roads and bridges. Yearly amounts have been increased by a rate of 2% to allow for inflation.

The Provincial and Federal governments have provided extensive assistance to local municipalities over the past decade. It is hoped that this assistance will continue as it is the sole source of funding for small municipalities to address major infrastructure needs.

This document has been made possible with the support of the Ontario Ministry of Agriculture, Food and Rural Affairs. The views expressed in this report are the views of the Village of South River and do not necessarily reflect the views of the Ontario Ministry of Agriculture, Food and Rural Affairs.

The Village of South River intends to monitor activities on an on-going basis to determine the best use of its spending to maintain and improve their assets.

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## 1. Introduction

Asset management planning is the process of making the best possible decisions regarding the building, operating, maintaining, renewing, replacing and disposing of infrastructure assets. The objective is to maximize benefits, manage risk, and provide satisfactory levels of service to the public in a sustainable manner. Asset management requires a thorough understanding of the characteristics and condition of infrastructure assets, as well as the service levels expected from them. It also involves setting strategic priorities to optimize decision-making about when and how to proceed with investments. It requires the development of a financial plan, which is the most critical step in putting the plan into action.

Because it takes a long-term perspective, good asset management can maximize the benefits provided by infrastructure. It also affords the opportunity to achieve cost savings by spotting deterioration early on and taking action to rehabilitate or review the asset. Good asset management results in informed and strategically sound decisions that optimize investments, better manage risk – including the risk of infrastructure failure.

The Village of South River is located on Highway No. 11, approximately half an hour south of North Bay and 2 ½ hours north of Toronto. It is part of the Almaguin Highlands on the east side of the District of Parry Sound. It is a prime entry point to Algonquin Park, second only to Highway No. 60. It also provides access to Mikisew Provincial Park and Eagle Lake to the west. South River is home to Ontario's premier sports camp, the Hockey Opportunity Camp, with year round ice in the Arena.

The assets included in this plan are Roads, Bridges, Buildings and Watermains. Roads and their associated bridges are often seen as a reflection of the municipality. Improving the condition of roads, especially in those areas where the Village is intending on attracting investment, is important to the success of economic development activities being undertaken by the Village.

The Asset Management Plan covers a period of 10 years from 2014 to 2023. Using the spread sheets and documents contained herein, the information may be updated as improvements and changes are made. An over-all update of the plan will be initiated on a four (4) year basis coinciding with the Term of Council.

The plan was developed from current information as follows:

1. A Road Needs Update completed in 2013 by AECOM Canada Limited.
2. A Biennial Municipal Structure Inventory completed by AECOM Canada Limited.
3. A general review of the condition of the watermains and appurtenances.
4. A general review of the condition of the buildings.

The plan was assembled by AECOM Canada Limited with input from the Chief Operator, Public Works, the Clerk/Administrator and the Treasurer. It was created within the guidelines of the Ministry of Infrastructure – Building Together: Guide for Municipal Asset Management Plans.

As the process outlined herein evolves, and staff becomes aware of the value of the plan, newer and better means of preserving assets will be adopted and incorporated into future planning.

## 2. State of Local Infrastructure

### 2.1 Roads

The Village of South River maintains 15.4 km of local public roads as follows:

|                                      |               |
|--------------------------------------|---------------|
| (a) Hot Mix Paved Roads              | 11.5 km       |
| (b) Surface Treated Roads            | 3.0 km        |
| (c) Loose Top Roads (Gravel Surface) | <u>0.9 km</u> |
| Total:                               | 15.4 km       |

The Village carried out a Road Needs Study in 2013 to determine the current condition of their road system. The roads were evaluated using the procedures outlined in the Methods and Inventory Manual for Road Management Plans for Small, Lower Tier Municipalities which was produced by the Ministry of Transportation in 1987. This manual was designed as a simple way to assess roads and develop long range planning for rehabilitation and reconstruction.

A visual inspection of all of the roads was carried out and focussed on the following attributes:

- Drainage
- Structural Adequacy
- Surface Type
- Surface Condition
- Widths
- Perceived Needs.

Bench Mark costs were established for various types of improvements identified based on current 2013 unit rates as follows:

|   |                              |
|---|------------------------------|
| • Ditching                                  | \$25.00 per m                |
| • Pulverizing                               | \$9,00 per m                 |
| • Hot Mix Paving                            | \$120.00 per m @ 6.5 m width |
| • Hot Mix Paving                            | \$110.00 per m @ 6.0 m width |
| • Shouldering                               | \$6.00 per m @ 50 mm depth   |
| • Granular A                                | \$80.00 per m                |
| • Granular B                                | \$75.00 per m @ 300 mm depth |
| • Excavation                                | \$75.00 per m                |
| • Watermain Construction                    | \$550.00 per m               |
| • Complete Reconstruction to Urban Standard | \$2,450.00 per m             |

The unit costs were applied to each road section to determine the 2013 value of needs identified.

A summary of the entire road system and current value of needs is included in Appendix A. The value of needs identified in the study over the next ten years is \$9,552,284.00.

The road system is considered to be in fair condition.

## 2.2 Bridges

An inventory of the Village's bridges was carried out in 2013. The Village maintains two bridge structures, both of which cross over the South River on Old Mill Road.

The bridges were inspected by a professional engineer in accordance with the Municipal Bridge Appraisal Manual and Ontario Structure Inspection Manual. The bridges are inspected every two years as required by Ontario Legislation.

The bridges are in good condition and do not require any load limit postings. Maintenance items totally \$229,000.00 have been identified as follows:

- Concrete repairs
- Railing upgrades
- Guide rail upgrades

## 2.3 Buildings:

The Village of South River maintains and shares in the maintenance of ten (10) municipal buildings as follows:

- Municipal office
- Public works garage
- Public works storage shed
- Public works salt shed
- Water treatment plant
- Community centre and arena
- Cemetery mortuary
- Fire hall
- Train station museum
- Ambulance base.

A review of the buildings has concluded that there are no major requirements anticipated in the next ten years. Normal maintenance activities will be carried out on a yearly basis from property tax revenues. It is anticipated that the Water Treatment Plant may need a new roof in the next 10 years.

## 2.4 Municipal Water Facilities

The Village of South River maintains a Municipal Water System summarized as follows:

- One water treatment plant
- 14,357 m of water mains of various materials and sizes
- Eight (8) valve chambers
- 102 main line valves
- 65 fire hydrants.

The original water system was established in 1950/1951 with cast iron water mains. Over the years extensions have been made using a combination of PVC and asbestos cement pipes. In recent years, whenever a street reconstruction has been carried out, the old cast iron mains have been replaced with PVC pipes

In 2012, the Village initiated a program of installation of water meters to 505 residences. This program was made available with assistance from other government programs.

The older sections of cast iron watermains are in poor condition. Most of them are under sized contributing to low pressures and supply problems. The old cast iron mains are rusting inside diminishing water quality in those areas. The watermains are flushed frequently to remove decolorization and rust particles.

There are approximately 7,500 m of cast iron watermains in service at the present time. The estimated cost to replace them is \$4,133,000.00.

### **3. Desired Levels of Service**

#### **3.1 Roads and Bridges**

Roadways in the Village of South River are in fair to poor condition. There is an accumulated backlog of work to bring the roads to an improved standard. The system is performing satisfactorily in its present condition, however, with a minimum of complaints from the public.

The Municipality would like to upgrade their roads and bridges but it is financially impossible to do that without assistance from other levels of government. For now they will have to continue to maintain the assets in their present condition and make improvements when opportunities occur.

#### **3.2 Buildings**

All of the municipal buildings are in good condition at the present time. Yearly funds are allocated from tax dollars for general maintenance of the buildings. This trend will continue into the near future.

#### **3.3 Watermains and Appurtenances**

The present system is supplying clean, potable water to the citizens of South River. Water quality issues are experienced occasionally by the deteriorating cast iron watermains.

The Village would like to address this problem and are doing so when opportunities present themselves. Correction of deficient water mains is beyond the financial capacity of the Village without the assistance from other government funding opportunities.

### **4. Asset Management Strategy**

The purpose of the asset management strategy is to provide an acceptable level of service in a sustainable way while managing risk.

#### **4.1 Existing Strategies, Roads and Bridges**

At the present time the roads and bridges are maintained under the following strategies:

- Minimum Maintenance Standards are applied to the road system in accordance with Ontario Regulation 239/02
- Bridges are inspected every two years by a professional engineer as required under Ontario Legislation
- Major road needs updates have been conducted on a five year cycle
- Special needs are addressed at the time of occurrence
- Special funding opportunities are taken advantage of when they are available.

Structure and road studies provide a basis for prioritizing work needed. For the most part, improvements are based on the availability of funding through a reasonable property tax assessment.

## 4.2 Planned Strategies

### 4.2.1 Maintenance Strategy, Roads and Bridges

Maintenance items, such as snow plowing, sanding, grading, etc., are moving targets and are dependent on many factors such as the weather. These items will continue to be addressed as they are needed and make up a high percentage of the over-all roads budget. These maintenance items make the roads safer and comfortable for the travelling public but do not contribute significantly to the maintenance or improvement in condition ratings. Standard maintenance activities will be carried out as follows:

- The Municipality will continue to provide maintenance services on a required basis to keep the roads and bridges safe
- They will continue to follow and exceed the Minimum Maintenance Standards as legislated in Ontario Regulation 239/02
- Bridge structures will be monitored on a regular basis to determine their condition and need of repair.

### 4.2.2 Management Strategies, Roads and Bridges

For the most part, existing management strategies will continue until some form of assistance is made available to help the Municipality with their needs. The key to managing the system is monitoring and making the appropriate expenditures at the appropriate times to preserve assets and extend their useful life.

The following strategies will assist in maintaining road and bridge assets.

- Restore road surfaces with overlays to eliminate deficiencies and the need for future costly repairs and construction.
- Take advantage of funding opportunities from other levels of governments.
- Take advantage of funding opportunities from the private sector where there is an opportunity through development.
- Procurement of services through a competitive bid process to lower costs.

The Village of South River has been invited to submit a full application for funding assistance under the Small, Rural and Northern Municipal Infrastructure Fund – Capital Program. The application will be for the reconstruction of 400 meters of roadway and watermains in the older section of the Village. If successful, improvements will be possible in 2014 and 2015.

A ten year management plan is included in Appendix C assuming a successful application for funding.

The risk of poor management is a deteriorating road and bridge system and in some cases failure. These risks can be mitigated by:

- Carrying out meaningful repairs at the appropriate times.
- Application of load restrictions.

Planned activities will achieve the following:

- Lower costs
- Extend the life of assets
- Apply renewal options at the appropriate times
- Schedule replacement activities.

It is not anticipated that the road system will require expansion in the foreseeable future.

#### **4.3 Management Strategies, Buildings**

All of the buildings maintained by the Village of South River are in good condition and there are no major identified needs in the near future. The one exception is that a new roof may be required for the water treatment plant at an estimated cost of \$150,000.00.

The buildings are maintained from yearly budgeting through taxation.

#### **4.4 Management Strategy, Water Mains and Appurtenances**

General maintenance of the distribution system is carried out by the Village of South River staff. Treatment facilities are maintained by the Ontario Clean Water Agency. Monitoring and testing of water quality is carried out in accordance with Ontario Ministry of the Environment guidelines.

The water distribution and treatment facilities will continue to be monitored as they have in the past. The system will be monitored on a regular basis, however, to keep abreast of changing conditions and react to needs in a timely manner.

The Municipality has a multitude of expensive needs as a result of old, deteriorating cast iron water mains.

The Village of South River has been invited to submit a full application for funding assistance under the Small, Rural and Northern Municipal Infrastructure Fund – Capital Program. The application will be for the reconstruction of 400 meters of roadway and watermains in the older section of the Village. If successful, improvements will be possible in 2014 and 2015.

### **5. Financing Strategy**

#### **5.1 General**

A considerable backlog of needs has accumulated over the years. It is obvious that a budget increase is necessary to address the needs and maintain assets in good repair.

The Village of South River has a limited tax base and a multitude of demands from that base. It is felt that the current base is at a reasonable level for taxpayers and there is a hesitancy to raise taxes any higher. The present level of service for assets is all the Village can afford at this time. Borrowing to address the accumulated needs is not financially feasible for the Village. Borrowing is a further burden on the taxpayers and is only contemplated when there is an emergency or when partnering is available from other levels of government to address major rehabilitation projects.

## **5.2 Roads, Bridges and Water Mains**

The annual expenditure for roads and bridges is approximately \$400,000.00. This amount only covers maintenance and operating costs. Supplementary funding is provided from reserves, or other available programs, when necessary and available.

A study carried out in 2013 identified needs for roads and watermains at \$9,552,284.00. The estimated costs include replacement of deficient water mains where associated road improvements are required.

## **5.3 Buildings**

A financing strategy for buildings has not been developed at this time. Currently there is a minimum of needs and regular maintenance funding is adequate to cover the cost of those needs.

## **5.4 Summary**

A ten (10) year management plan has been developed for roads, bridges and watermains and is included in Appendix C. The plan is based on an assumption that funding will be received from the Small, Rural and Northern Municipal Infrastructure Fund – Capital Program. If successful, upgrading of some roads and water mains will be possible in 2014 and 2015. Beyond that only maintenance activities are planned for the management of assets. A yearly factor of 2% has been added to the base 2014 budgets to account for inflation.

Tables and summaries provided in this document have been produced in a user friendly program which may be easily updated by municipal staff as work and changes are made. Annual monitoring of the plan will take place providing valuable information on its adequacy and the changes necessary to make it more effective in the future.

At the present time the municipal taxes are stretched to the limit. The Village is doing the best that it can based on the existing level of taxation and the assistance received from other levels of government.

Plan adopted by Council

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Mayor

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Clerk-Administrator

## **APPENDIX A**

**Overall Summary of the Road System  
and Current Needs (Including some Watermain  
Replacement)**

**THE VILLAGE OF SOUTH RIVER**  
**SUMMARY OF CURRENT NEEDS**  
**JULY 2013**

| SECTION NO. | NEIGHBORHOOD    | ORIGINAL NAME   | NEW NAME        | SEGMENT LENGTH | VEHICLE TRAFFIC | CONDITION | SURFACE | RECOMMENDED  | EST. COST  | ITEM NO. | PRIORITY |
|-------------|-----------------|-----------------|-----------------|----------------|-----------------|-----------|---------|--------------|--|----------|----------|
| 010         | Ottawa Avenue   | Cedar Court     | Fitz Avenue     | 0.102          | 200-399         | 5         | HCB     | \$17,830.00  | Sidewalk on North Side   | 010      |          |
| 020         | Ottawa Avenue   | Fitz Avenue     | Champion Street | 0.071          | 200-399         | 5         | HCB     | \$12,425.00  | Sidewalk on North Side   | 020      |          |
| 030         | Ottawa Avenue   | Champion Street | Eagle Lake Road | 0.195          | 200-399         | 5         | HCB     | \$34,125.00  | Sidewalk on North Side   | 030      |          |
| 040         | Ottawa Avenue   | Eagle Lake Road | Lily Street     | 0.172          | 400-999         | 7         | HCB     | \$0.00       |  | 040      |          |
| 050         | Ottawa Avenue   | Lily Street     | Lincoln Street  | 0.121          | 400-999         | 7         | HCB     | \$0.00       |  | 050      |          |
| 060         | Ottawa Avenue   | Lincoln Street  | Highway 124     | 0.120          | 400-999         | 7         | HCB     | \$0.00       |  | 060      |          |
| 070         | Ottawa Avenue   | Highway 124     | Plaster Street  | 0.123          | 400-999         | 7         | HCB     | \$0.00       |  | 070      |          |
| 080         | Ottawa Avenue   | Plaster Street  | Isabella Street | 0.119          | 400-999         | 7         | HCB     | \$0.00       |  | 080      |          |
| 090         | Ottawa Avenue   | Isabella Street | Main Street     | 0.197          | 200-499         | 7         | HCB     | \$0.00       |  | 090      |          |
| 100         | Ottawa Avenue   | Main Street     | Broadway Street | 0.159          | 200-499         | 7         | HCB     | \$0.00       |  | 100      |          |
| 110         | Ottawa Avenue   | Broadway Street | Dublin Street   | 0.104          | 200-399         | 5         | HCB     | \$0.00       |  | 110      |          |
| 120         | Ottawa Avenue   | Dublin Street   | Howard Street   | 0.626          | 50-199          | 3         | LCB     | \$182,266.00 | Ditching, Grade Raise, 50mm Hot Mix Paving                                     | 120      |          |
| 130         | Alfred Street   | Cedar Crescent  | Fitz Avenue     | 0.105          | 50-199          | 7         | HCB     | \$0.00       |  | 130      |          |
| 140         | Alfred Street   | Fitz Avenue     | Tebby Boulevard | 0.159          | 50-199          | 3         | HCB     | \$477,600.00 | Reconstruction, Curb, Gutter, Storm Sewer, Sidewalk, Hot Mix Paving, Watermain | 140      |          |
| 150         | Alfred Street   | Tebby Boulevard | Eagle Lake Road | 0.103          | 50-199          | 3         | HCB     | \$309,000.00 | Reconstruction, Curb, Gutter, Storm Sewer, Sidewalk, Hot Mix Paving, Watermain | 150      |          |
| 160         | Alfred Street   | Eagle Lake Road | Lily Street     | 0.169          | 50-199          | 7         | HCB     | \$0.00       |  | 160      |          |
| 170         | Alfred Street   | Lily Street     | Lincoln Street  | 0.123          | 50-199          | 7         | HCB     | \$0.00       |  | 170      |          |
| 180         | Cedar Court     | Ottawa Avenue   | Alfred Street   | 0.197          | 50-199          | 7         | HCB     | \$0.00       |  | 180      |          |
| 190         | Cedar Court     | Alfred Street   | Cul-de-sac      | 0.108          | 50-199          | 7         | HCB     | \$0.00       |  | 190      |          |
| 200         | Cedar Court     | Cul-de-sac      |                 | 0.100          | 50-199          | 7         | HCB     | \$0.00       |  | 200      |          |
| 210         | Fitz Avenue     | Ottawa Avenue   | Tebby Boulevard | 0.101          | 50-199          | 4         | HCB     | \$10,000.00  | Pulverize, 50mm Hot Mix Paving, Sidewalk One Side                              | 210      |          |
| 220         | Fitz Avenue     | Tebby Boulevard | Alfred Street   | 0.098          | 50-199          | 10        | HCB     | \$0.00       |  | 220      |          |
| 230         | Fitz Avenue     | Alfred Street   | Tebby Boulevard | 0.120          | 50-199          | 3         | HCB     | \$36,000.00  | Pulverize, 50mm Hot Mix Paving, Sidewalk One Side                              | 230      |          |
| 240         | Fitz Avenue     | Tebby Boulevard | North End       | 0.095          | 0-49            | 4         | HCB     | \$28,500.00  | Pulverize, 50mm Hot Mix Paving, Sidewalk One Side                              | 240      |          |
| 250         | Tebby Boulevard | Fitz Avenue     | Alfred Street   | 0.237          | 50-199          | 5         | HCB     | \$52,685.00  | Pulverize, 150mm Gravel 'A', 50mm Hot Mix Paving                               | 250      |          |
| 260         | Tebby Boulevard | Alfred Street   | Tebby Court     | 0.122          | 50-199          | 9         | HCB     | \$0.00       |  | 260      |          |
| 270         | Tebby Boulevard | Tebby Court     | Fitz Avenue     | 0.135          | 50-199          | 5         | HCB     | \$24,300.00  | Pulverize, 100mm Gravel 'A', 50mm Hot Mix Paving                               | 270      |          |
| 280         | Tebby Court     | Tebby Boulevard | Tebby Crescent  | 0.015          | 0-49            | 7         | HCB     | \$0.00       |  | 280      |          |
| 290         | Tebby Crescent  | Tebby Court     | Tebby Court     | 0.083          | 0-49            | 7         | HCB     | \$0.00       |  | 290      |          |

**THE VILLAGE OF SOUTH RIVER**  
**SUMMARY OF CURRENT NEEDS**  
**JULY 2013**

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| SECTION NO. | STREET NAME     | STREET NUMBER   | ROUTE NUMBER    | ROUTE LENGTH | WALKING SURFACE | CONDITIONS PAVING | SURFACE | ESTIMATE       | REMARKS  | SECTION NO. | PROGRESS |
|-------------|-----------------|-----------------|-----------------|--------------|-----------------|-------------------|---------|----------------|--|-------------|----------|
| 300         | Eagle Lake Road | Ottawa Avenue   | Maria Street    | 0.100        | 400-999         | 7                 | HCB     | \$11,600.00    | Resurface, 6 - 10 YR.  | 300         |          |
| 310         | Eagle Lake Road | Marie Street    | Alfred Street   | 0.098        | 400-999         | 7                 | HCB     | \$28,518.00    | Resurface, 6 - 10 YR., Sidewalk Replacement  | 310         |          |
| 320         | Eagle Lake Road | Alfred Street   | Johnston Drive  | 0.094        | 400-999         | 3                 | HCB     | \$1,212,000.00 | Reconstruction with Storm Sewers, Sidewalk, Watermain  | 320         |          |
| 330         | Eagle Lake Road | Johnstone Drive | Poplar Street   | 0.146        | 400-999         | 3                 | HCB     | \$357,700.00   | Reconstruction, Culvert Replacement, Curb, Gutter, Storm Sewer, Sidewalk on East Side          | 330         |          |
| 340         | Eagle Lake Road | Poplar Street   | Spruce Street   | 0.082        | 400-999         | 3                 | HCB     | \$209,900.00   | Reconstruction, Curb, Gutter, Storm Sewer, Sidewalk East Side, 450mm Base                      | 340         |          |
| 350         | Eagle Lake Road | Spruce Street   | North Limit     | 0.180        | 400-999         | 3                 | HCB     | \$62,280.00    | Reconstruction, Curb, Gutter, Storm Sewer, Sidewalk East Side, 450mm Base                      | 350         |          |
| 360         | Poplar Street   | Eagle Lake Road | Grant Court     | 0.077        | 50-199          | 5                 | HCB     | \$9,625.00     | Pulverize, 50mm Hot Mix Paving   | 360         |          |
| 370         | Poplar Street   | Grant Court     | West End        | 0.112        | 0-49            | 5                 | HCB     | \$14,000.00    | Pulverize, 50mm Hot Mix Paving   | 370         |          |
| 380         | Grant Court     | Poplar Street   | Cul-de-sac      | 0.179        | 50-199          | 4                 | HCB     | \$24,945.00    | Ditching, Pulverize, 50mm Hot Mix Paving   | 380         |          |
| 390         | Grant Court     | Cul-de-sac      |                 | 0.117        | 50-199          | 4                 | HCB     | \$14,625.00    | Pulverize, 50mm Hot Mix Paving   | 390         |          |
| 400         | Johnstone Drive | Eagle Lake Road | Klipper Drive   | 0.070        | 50-199          | 4                 | HCB     | \$175,000.00   | Reconstruction, Curb, Gutter, Storm Sewer, 150mm Granular A, Paving                            | 400         |          |
| 410         | Johnstone Drive | Klipper Drive   | East End        | 0.035        | 0-49            | 4                 | HCB     | \$87,500.00    | Reconstruction, Curb, Gutter, Storm Sewer, 150mm Granular A, Paving                            | 410         |          |
| 420         | Klipper Drive   | Johnstone Drive | Spruce Street   | 0.221        | 50-199          | 5                 | HCB     | \$27,625.00    | Pulverize, 50mm Hot Mix Paving   | 420         |          |
| 430         | Klipper Drive   | Spruce Street   | East End        | 0.244        | 50-199          | 5                 | HCB     | \$0.00         | Build up Cul-de-sac, 200mm Curb, Gutter From Top of Hill to End                                | 430         |          |
| 440         | Spruce Street   | Eagle Lake Road | Klipper Drive   | 0.069        | 50-199          | 7                 | HCB     | \$8,625.00     | Pulverize, Resurface, 6 - 10 YR.   | 440         |          |
| 450         | Maria Street    | Eagle Lake Road | Lily Street     | 0.169        | 200-399         | 7                 | HCB     | \$0.00         |  | 450         |          |
| 460         | Maria Street    | Lily Street     | Lincoln Street  | 0.119        | 200-399         | 7                 | HCB     | \$0.00         |  | 460         |          |
| 470         | Maria Street    | Lincoln Street  | Connelly Street | 0.074        | 200-399         | 7                 | HCB     | \$0.00         |  | 470         |          |
| 480         | Maria Street    | Connelly Street | Highway 124     | 0.050        | 200-399         | 7                 | HCB     | \$0.00         |  | 480         |          |
| 490         | Maria Street    | Highway 124     | Hunter Street   | 0.118        | 50-199          | 10                | HCB     | \$0.00         |  | 490         |          |
| 500         | Maria Street    | Hunter Street   | Isabella Street | 0.120        | 50-199          | 10                | HCB     | \$0.00         |  | 500         |          |
| 510         | Maria Street    | Isabella Street | Best End        | 0.060        | 0-49            | 10                | HCB     | \$0.00         |  | 510         |          |
| 520         | Lily Street     | Ottawa Avenue   | Maria Street    | 0.098        | 50-199          | 4                 | HCB     | \$37,500.00    | Pulverize, 50mm Hot Mix Paving (Curb & Gutter?)  | 520         |          |
| 530         | Lily Street     | Maria Street    | Alfred Street   | 0.101        | 50-199          | 4                 | HCB     | \$37,500.00    | Pulverize, 50mm Hot Mix Paving (Curb & Gutter?)  | 530         |          |
| 540         | Lily Street     | Alfred Street   | North End       | 0.117        | 0-49            | 4                 | HCB     | \$43,875.00    | Pulverize, 50mm Hot Mix Paving (Curb & Gutter?)  | 540         |          |
| 550         | Lincoln Street  | Ottawa Avenue   | Arens           | 0.060        | 200-399         | 5                 | HCB     | \$15,750.00    | Sidewalk, One Side   | 550         |          |
| 560         | Lincoln Street  | Ottawa Avenue   | Maria Street    | 0.097        | 50-199          | 5                 | HCB     | \$242,500.00   | Reconstruction, Curb, Gutter, Storm Sewer, 450mm Gran. Base, Sidewalk One Side, Hot Mix Paving | 560         |          |
| 570         | Lincoln Street  | Maria Street    | Alfred Street   | 0.100        | 50-199          | 5                 | HCB     | \$250,000.00   | Reconstruction, Curb, Gutter, Storm Sewer, 450mm Gran. Base, Sidewalk One Side, Hot Mix Paving | 570         |          |

**THE VILLAGE OF SOUTH RIVER**  
**SUMMARY OF CURRENT NEEDS**  
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| ID# | ROAD NAME          | SEGMENT            | ROAD NUMBER        | ROAD LENGTH (M) | SEGMENT LENGTH (M) | SURFACE | ESTIMATED COST (\$) | DESCRIPTION  | SECTION NUMBER   |     |
|-----|--------------------|--------------------|--------------------|-----------------|--------------------|---------|---------------------|--------------|--|-----|
| 580 | Lincoln Street     | Alfred Street      | Roselawn Boulevard | 0.143           | 50-199             | 5       | HCB                 | \$357,500.00 | Reconstruction, Curb, Gutter, Storm Sewer, 450mm Gran. Base, Sidewalk One Side, Hot Mix Paving | 580 |
| 590 | Roselawn Boulevard | Lincoln Street     | Connelly Street    | 0.080           | 50-199             | 5       | HCB                 | \$280,000.00 | Reconstruction, Curb, Gutter, Storm Sewer, 450mm Gran. Base, Sidewalk One Side, Hot Mix Paving | 590 |
| 600 | Roselawn Boulevard | Connelly Street    | East End           | 0.060           | 0-49               | 5       | HCB                 | \$0.00       |  | 600 |
| 610 | Connelly Street    | Roselawn Boulevard | Marie Street       | 0.245           | 50-199             | 7       | HCB                 | \$42,875.00  | Sidewalk, One Side   | 610 |
| 620 | Hunter Street      | Toronto Avenue     | Montreal Avenue    | 0.103           | 50-199             | 5       | HCB                 | \$252,350.00 | Reconstruction, Curb, Gutter, Gran. Base, Sidewalk One Side, Hot Mix Paving                    | 620 |
| 630 | Hunter Street      | Montreal Avenue    | Ottawa Avenue      | 0.099           | 50-199             | 5       | HCB                 | \$242,550.00 | Reconstruction, Curb, Gutter, Storm Sewer, Sidewalk One Side, Hot Mix Paving                   | 630 |
| 640 | Hunter Street      | Ottawa Avenue      | Marie Street       | 0.099           | 200-399            | 5       | HCB                 | \$242,550.00 | Reconstruction, Curb, Gutter, Storm Sewer, Sidewalk Both Sides, Gran. Base, Hot Mix Paving     | 640 |
| 650 | Hunter Street      | Marie Street       | North End          | 0.159           | 0-49               | 5       | LCB                 | \$177,000.00 | Reconstruction, Curb, Gutter, Sidewalk One Side, 150mm Gran. A, Hot Mix Paving, Watermain      | 650 |
| 660 | Toronto Avenue     | Highway 124        | Hunter Street      | 0.125           | 50-199             | 10      | HCB                 | \$0.00       |  | 660 |
| 670 | Toronto Avenue     | Hunter Street      | Isabella Street    | 0.110           | 50-199             | 10      | HCB                 | \$0.00       |  | 670 |
| 680 | Montreal Avenue    | Highway 124        | Hunter Street      | 0.122           | 50-199             | 5       | HCB                 | \$282,900.00 | Reconstruction with Curb and Gutter, Sidewalks   | 680 |
| 690 | Montreal Avenue    | Hunter Street      | Isabella Street    | 0.118           | 50-199             | 5       | HCB                 | \$289,100.00 | Reconstruction with Curb and Gutter, Sidewalks   | 690 |
| 700 | Isabella Street    | Toronto Avenue     | Montreal Avenue    | 0.097           | 50-199             | 10      | HCB                 | \$0.00       |  | 700 |
| 710 | Isabella Street    | Montreal Avenue    | Ottawa Avenue      | 0.099           | 50-199             | 10      | HCB                 | \$0.00       |  | 710 |
| 720 | Isabella Street    | Ottawa Avenue      | Marie Street       | 0.102           | 50-199             | 9       | HCB                 | \$274,310.00 | Reconstruction, Curb, Gutter, Storm Sewer, 150mm Gran. A, Sidewalk Both Sides, Hot Mix Paving  | 720 |
| 730 | Mill Road          | Marie Street       | Whitelail Drive    | 0.260           | 0-49               | 7       | HCB                 | \$0.00       |  | 730 |
| 735 | Mill Road          | Whitelail Drive    | Bridge             | 0.420           | 0-49               | 6       | HCB                 | \$0.00       |  | 735 |
| 740 | Mill Road          | Bridge             | North End          | 0.440           | 0-49               | 10      | O/S                 | \$0.00       |  | 740 |
| 750 | White Tail Drive   | Mill Road          | West End           | 0.047           | 0-49               | 9       | O/S                 | \$0.00       |  | 750 |
| 760 | Main Street        | Ottawa Avenue      | Broadway Street    | 0.328           | 50-199             | 3       | LCB                 | \$47,560.00  | Ditching, Pulverize, 50mm Hot Mix Paving   | 760 |
| 770 | Main Street        | Broadway Street    | North End          | 0.200           | 0-49               | 3       | LCB                 | \$29,000.00  | Ditching, Pulverize, 50mm Hot Mix Paving   | 770 |
| 780 | Maple Street       | Dufferin Street    | Broadway Street    | 0.195           | 0-49               | 6       | HCB                 | \$34,300.00  | Replace Sidewalk   | 780 |
| 790 | Dufferin Street    | Ottawa Avenue      | Maple Street       | 0.098           | 50-199             | 3       | HCB                 | \$300,000.00 | Reconstruction, Curb, Gutter, Storm Sewer, Sidewalk Replacement, Hot Mix Paving, Watermain     | 790 |
| 800 | Dufferin Street    | Maple Street       | Riverside Avenue   | 0.083           | 50-199             | 3       | LCB                 | \$24,153.00  | Ditching, Granular Base, 50mm Hot Mix Paving   | 800 |
| 810 | Riverside Avenue   | Dufferin Street    | Broadway Street    | 0.155           | 50-199             | 3       | HCB                 | \$465,000.00 | Reconstruction, Curb, Gutter, Storm Sewer, Sidewalks, Hot Mix Pavings, Watermain               | 810 |
| 820 | Riverside Avenue   | Broadway Street    | Louis Street       | 0.100           | 50-199             | 3       | HCB                 | \$300,000.00 | Reconstruction, Curb, Gutter, Storm Sewer, Sidewalks, Hot Mix Pavings, Watermain               | 820 |

**THE VILLAGE OF SOUTH RIVER**  
**SUMMARY OF CURRENT NEEDS**  
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| SECTION LINE | STREET NAME          | STREET NUMBER        | END POINT            | KM LENGTH | CHAS/UTR RANGE | CONDITIONS | SURFACE | ESTIMATED COST (CONT.) | REMARKS  | ROUTE NO. | PROJ. |
|--------------|----------------------|----------------------|----------------------|-----------|----------------|------------|---------|------------------------|--|-----------|-------|
| 825          | Riverside Avenue     | Lewis Street         | End                  | 0.050     | 0-49           | 10         | G/S     | \$0.00                 |  | 825       |       |
| 830          | Broadway Street      | Ema Avenue           | South End            | 1.812     | SD-199         | 4          | LCB     | \$71,852.00            | Ditching, Pulverize, DST   | 830       |       |
| 840          | Broadway Street      | Ema Avenue           | Riverside Avenue     | 0.123     | 50-199         | 3          | HCB     | \$369,000.00           | Reconstruction, Curb, Gutter, Storm Sewer, Sidewalk One Side, 90mm Hot Mix Paving, Watermain | 840       |       |
| 850          | Broadway Street      | Riverside Avenue     | Maple Street         | 0.101     | 50-199         | 4          | HCB     | \$300,000.00           | Reconstruction, Curb, Gutter, Storm Sewer, Sidewalk One Side, 90mm Hot Mix Paving, Watermain | 850       |       |
| 860          | Broadway Street      | Maple Street         | Ottawa Avenue        | 0.102     | 50-199         | 4          | HCB     | \$300,000.00           | Reconstruction, Curb, Gutter, Storm Sewer, Sidewalk One Side, 90mm Hot Mix Paving, Watermain | 860       |       |
| 870          | Broadway Street      | Ottawa Avenue        | Mary Street          | 0.162     | 50-199         | 7          | HCB     | \$0.00                 |  | 870       |       |
| 880          | Broadway Street      | Mary Street          | Main Street          | 0.137     | 50-199         | 8          | HCB     | \$0.00                 | (1/2 Gravel)   | 880       |       |
| 890          | Mary Street          | Broadway Street      | Dublin Street        | 0.097     | 0-49           | 6          | HCB     | \$14,500.00            | Ditching, Pulverize, 50mm Hot Mix Paving - 6-10 YR.  | 890       |       |
| 900          | Dublin Street        | Ottawa Avenue        | Mary Street          | 0.158     | 0-49           | 4          | HCB     | \$22,918.00            | Ditching, Pulverize, 50mm Hot Mix Paving   | 900       |       |
| 910          | Lewis Street         | Riverside Avenue     | Ottawa Avenue        | 0.204     | 0-49           | 3          | HCB     | \$19,364.00            | Ditching, Grade Raise, 50mm Hot Mix Paving   | 910       |       |
| 920          | Bus Avenue           | Broadway Street      | Howard Street        | 0.616     | 0-49           | 3          | HCB     | \$240,856.00           | Ditching, 450mm Granular Base, 90mm Hot Mix Paving   | 920       |       |
| 930          | Industrial Park Road | Howard Street        | West End             | 0.107     | 0-49           | 10         | G/S     | \$0.00                 |  | 930       |       |
| 940          | Howard Street        | Ottawa Avenue        | Ema Avenue           | 0.073     | 50-199         | 3          | HCB     | \$21,243.00            | Reconstruction, Ditching, 450mm Granular Base, 50mm Hot Mix Paving                           | 940       |       |
| 960          | Howard Street        | Ema Avenue           | Industrial Park Road | 0.078     | 50-199         | 3          | LCB     | \$22,698.00            | Reconstruction, Ditching, 450mm Granular Base, 50mm Hot Mix Paving                           | 960       |       |
| 970          | Howard Street        | Industrial Park Road | East Boundary        | 0.474     | 50-199         | 3          | LCB     | \$109,494.00           | 150mm Excavation and Backfill, Ditching, 50mm Hot Mix Paving                                 | 970       |       |
| 980          | Tom Thompson Drive   | Howard Street        | North End            | 0.102     | 0-49           | 10         | G/S     | \$0.00                 |  | 980       |       |
| 990          | Tom Thompson Drive   | Howard Street        | South End            | 0.080     | 0-49           | 10         | G/S     | \$0.00                 |  | 990       |       |
|              |                      |                      |                      |           |                |            |         |                        |  |           |       |
|              |                      |                      |                      |           |                |            |         |                        |  |           |       |
|              |                      |                      |                      |           |                |            |         |                        |  |           |       |
|              |                      |                      |                      |           |                |            |         |                        |  |           |       |
| TOTAL:       |                      |                      |                      | 15.440    |                |            |         | \$9,852,284.00         |  |           |       |

**APPENDIX B**

**Summary of Bridge Needs**



AECOM  
345 Ecclestone Drive  
Bracebridge, ON, Canada P1L 1R1  
[www.aecom.com](http://www.aecom.com)

705 645 6992 tel  
705 645 1841 fax

December 4<sup>th</sup>, 2013

Bart Wood  
Public Works Superintendent  
Village of South River  
P.O. Box 129, 98 Ottawa Avenue  
South River, Ontario  
POA 1X0

Dear Mr. Wood:

**Project No: 60300464**

**Regarding: Structure Re-inspections – 2013**  
**Village of South River**

AECOM is pleased to submit the 2013 Municipal Structure Inventory and Inspection results of our field inspections which outlines the results of our field inspection investigations for the above noted project.

This study was completed for the Structure appraisals using Worktech's Asset Foundation Software. Structures were reviewed in accordance with the Municipal Bridge Appraisal Manual and Ontario Structure Inspection Manual (Rev. April, 2008).

With this report, all structure related data for those structures appraised in 2013 have been updated to present day values and the content of the report reflects conditions as of the time of the field data collection, in the fall of 2013 for the structure inventory.

A total of two (2) bridge structures were appraised in 2013 in the Village of South River. Key items contained within the inspection reports are summarized below:

The existing South River Bridge No. 1 known as the South Structure located on Mill Road is a two (2) span 12.2m+/- concrete bridge of T-beam and slab construction with a concrete deck and an asphalt wearing surface. The bridge is in overall fair condition with deterioration of various elements. The report contains recommendations for rehabilitation of the bridge at an estimated cost of \$124,000.

Based on our detailed visual inspection it is recommended that the following works be completed to the bridge,

- Repair of the concrete deck soffit, T-beam, fascias, abutments, wingwalls, undermining of the north approach slab, upgrading of the railing system and guide rail end treatments.
- The report also contains recommended maintenance works.

The existing South River Bridge No. 2 known as the North Structure located on Mill Road is a two (2) span 9.6m+/-, 6.6m+/- concrete bridge of T-beam and slab construction with a concrete deck and an asphalt wearing surface. The bridge is in overall fair to good condition with deterioration of various elements. The report contains recommendations for rehabilitation of the bridge at an estimated cost of \$105,000.

Based on our detailed visual inspection it is recommended that the following work be completed to the bridge.

- Repair of the concrete T-beams, deck soffit, fascias, wingwalls and the upgrading of guide rail end treatments.

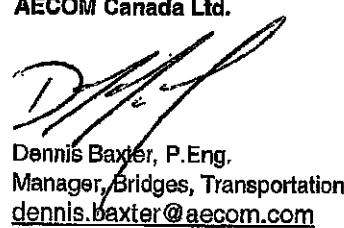
It is recommended that the structures be re-appraised by a qualified structure engineer every two (2) years. We trust that the foregoing is satisfactory. Please contact the undersigned if you have any questions in the above regard or if we can be of any further assistance.

Sincerely,  
**AECOM Canada Ltd.**



Gord Crosby  
Project Manager, AECOM Canada Ltd.  
Bracebridge Office  
[gord.crosby@aecom.com](mailto:gord.crosby@aecom.com)

Sincerely,  
**AECOM Canada Ltd.**



Dennis Baxter, P.Eng.  
Manager, Bridges, Transportation  
[dennis.baxter@aecom.com](mailto:dennis.baxter@aecom.com)



GC/rep  
Encl.

# MUNICIPAL BRIDGE APPRAISAL

Page: 1

Run: DEC 4,2013 9:24AM

**A. IDENTIFICATION**

|                  |                             |                             |                        |
|------------------|-----------------------------|-----------------------------|------------------------|
| Bridge Name:     | South River-South Structure | Bridge No.:                 | 000001                 |
| Road Name:       | Mill Road                   | Road Section No.            |                        |
| Location:        | 0.80 km N of Marie Street   | MTO Site No.:               | 000-0000-              |
| Roadside Env.:   | R                           | Posting Sign:               | t t t                  |
| BL Posting:      | t t t                       | Low Clear Sign:             | Narrow Structure Sign: |
| Bylaw No.:       |                             | Easting:                    | 17 626146              |
| Bylaw Exp. Date: |                             | Northing:                   | 5078387                |
|                  |                             | Crossing Type:              | O-WAT, Over Water      |
|                  |                             | Federal Navigable Waterway: | No                     |
|                  |                             | Bridge Value:               | \$ 1,072,000           |
|                  |                             | Old ID:                     |                        |

**B. RAILWAY OVERPASS/UNDERPASS**

|                                |                              |
|--------------------------------|------------------------------|
| Railway Level Crossing Number: | Original Board Order Number: |
| Railway Company:               | Date:                        |
| Railway Subdivision:           | Current Board Order Number:  |
| Subdivision Mileage:           | Date:                        |
| Transport Canada Crossing No.: | Seniority:                   |
| Number of Tracks:              | 0                            |

**C. JURISDICTION**

|                                  |          |                      |   |
|----------------------------------|----------|----------------------|---|
| Owner:                           | 86504    | Special Designation: | Local / Area Municipality (Upper Tier Only) |
| Owner Share:                     | 100.00 % | Designation 2        | MunicA                                      |
| <input type="checkbox"/> Shared? |          | Adjacent Bridge No.: | MunicB                                      |
| Shared With:                     |          |                      | Patrol:                                     |
| Heritage Status:                 | R        |                      |   |

**D. EXISTING CONDITIONS**

|                    |            |              |                              |                               |             |
|--------------------|------------|--------------|------------------------------|-------------------------------|-------------|
| Substructure Yr:   | 1930       | Span Length: | 12.2 m                       | Longitudinal Joints:          | 0           |
| Superstructure Yr: | 1930       | Deck Type:   | CC - Concrete, Cast in Place | Transverse Joints:            | 0           |
| Bridge Type:       | C - TB - H | Deck Length: | 26.4 m                       | Number of Bearings:           | 0           |
| Crossing Skew:     | -00 °      | Deck Width:  | 8.1 m                        | Soil Condition:               | G           |
| Number of Spans:   | 2          | Deck Area:   | 213.8 m <sup>2</sup>         | Abutment and Foundation Type: | Closed - SF |

**ROAD OVER BRIDGE**

|                      |          |                       |               |                         |    |
|----------------------|----------|-----------------------|---------------|-------------------------|----|
| Existing Road Class: | 100      | No. of Lanes:         | 2.0           | Barrier Walls/Railings: | LP |
| Operational Status:  | 2W - OAT | Median Type/Width:    | 0.0 m         | Min Vertical Clearance: | m  |
| Wearing Surface:     | A        | Safety Curb/          | (A) N E 0.1 m |                         |    |
| Travel Deck Width:   | 7.10 m   | Sidewalk and Curb (B) | N / W 0.1 m   |                         |    |

**ROAD UNDER BRIDGE**

|                      |                       |               |                         |   |
|----------------------|-----------------------|---------------|-------------------------|---|
| Existing Road Class: | No. of Lanes:         | 0             | Traffic Barrier:        |   |
| Operational Status:  | Median Type/Width:    | 0.0 m         | Min Vertical Clearance: | m |
| Opening Under:       | Safety Curb/          | (A) N E 0.1 m |                         |   |
| Surface Width:       | Sidewalk and Curb (B) | N / W 0.1 m   |                         |   |

**E. TRAFFIC DATA**

| Legal Speed Limit:              | 50                                   | Traffic Count           |          | 10 Year Traffic Forecast |       |
|---------------------------------|--------------------------------------|-------------------------|----------|--------------------------|-------|
|                                 |                                      | Year:                   | A-2005-E | Year:                    | 2015  |
| Route Designations              |                                      | AADT:                   | 30       | AADT:                    | 33    |
| <input type="checkbox"/> Bus    | <input type="checkbox"/> Truck Route | DHV Factor:             | %        | DHV Factor:              | %     |
| <input type="checkbox"/> School | <input type="checkbox"/> Bike Route  | DHV:                    | vph      | DHV:                     | vph   |
| Source:                         |                                      | Trucks:                 | %        | Trucks:                  | %     |
| Bridge 000001 Asset Master      |                                      | Peak Directional Split: | %        | Capacity:                | 0 vph |
|                                 |                                      | 10 Year Growth Factor:  | 1.10     | 20 Year AADT:            | 36    |

**F. INSPECTIONS**

|       |            |               |                  |              |                   |
|-------|------------|---------------|------------------|--------------|-------------------|
| Date: | 10/01/2013 | Inspected By: | Andre Dombrowsky | Approved By: | D. Baxter, P.Eng. |
|-------|------------|---------------|------------------|--------------|-------------------|

Municipality: Village of SouthRiver

Bridge No.: 000001

# MUNICIPAL BRIDGE APPRAISAL

Page: 2  
Run: DEC 4,2013 9:24AM

## BRIDGE NEEDS

| Field             | MCR | POR | TON  | Comments |
|-------------------|-----|-----|------|----------|
| Supersstructure   | 5   | 5   | 6-10 |          |
| Wearing Surface   | 5   | 5   | 6-10 |          |
| Deck Condition    | 4   | 5   | 1-5  |          |
| Expansion Joints  | 0   | 0   | ADEQ |          |
| Railings          | 5   | 4   | 1-5  |          |
| Substructure      | 4   | 5   | 1-5  |          |
| Coating           | 0   | 0   | ADEQ |          |
| Streams/Waterways | 5   | 5   | 6-10 |          |
| Curb/Sidewalk     | 5   | 5   | 6-10 |          |

## FUNCTIONAL NEEDS

| Field                   | Existing | Min Tolerable | Time of Need | Comments                             |
|-------------------------|----------|---------------|--------------|--------------------------------------|
| Road Over Bridge        |          |               |              |                                      |
| RO-Trav. Deck Width     | 7.1      | 6.5           | ADEQ         | Proj Class: 100, 33 (10 YR, 30*1.1)  |
| RO-LOS                  | A        | E             | ADEQ         |                                      |
| RO-Min. Vertical Clear. |          | 4.5           | ADEQ         | No value for: Min Vertical Clearance |
| RO-Sidewalks            | N        | N             | ADEQ         |                                      |

## Recommended Needs

| Impr.Class  | Improvement | Description                     | Time of Need |           | Base/Const Cost | Eng/Cont | Total   |
|-------------|-------------|---------------------------------|--------------|-----------|-----------------|----------|---------|
|             |             |                                 | Year         | Subtotal: |                 |          |         |
| Maintenance | OTH         | Maintenance Improvement         | 1-5          | 0         | 0               | 0        | 0       |
|             |             |                                 | Maintenance  | Subtotal: | 0               | 0        | 0       |
| Rehab       | CDS         | Concrete Deck Soffit Repairs    | 1-5          | 0         | 15,000          | 5,000    | 20,000  |
| Rehab       | EIR         | Embankment Improvement/Rehab    | 1-5          | 0         | 10,000          | 3,000    | 13,000  |
| Rehab       | RIR         | Railing Improvement/Replacement | 1-5          | 0         | 10,000          | 3,000    | 13,000  |
| Rehab       | RSB         | Rehabilitate Substructure       | 1-5          | 0         | 5,000           | 0        | 5,000   |
| Rehab       | RSP         | Rehabilitate Superstructure     | 1-5          | 0         | 5,000           | 2,000    | 7,000   |
| Rehab       | IAG         | Install Approach Guardrail      | NOW          | 0         | 40,000          | 12,000   | 52,000  |
|             |             |                                 | Rehab        | Subtotal: | 85,000          | 25,000   | 110,000 |
| Rehab Extra | brTCP       | Traffic Control/Protection      | 1-5          | 0         | 5,000           | 2,000    | 7,000   |
| Rehab Extra | brTCP       | Traffic Control/Protection      | NOW          | 0         | 5,000           | 2,000    | 7,000   |
|             |             |                                 | Rehab Extra  | Subtotal: | 10,000          | 4,000    | 14,000  |

## I. ENGINEERING RECOMMENDATIONS

Bridge Drawings:

Estimated Posting: t

Evaluated Posting: t t t

Closure Date:

Closure Type:

Monitoring Interval:

Monitoring Component:

## J. DESIGN PARAMETERS

Design Class:

Operational Status:

Abutment Type:

Design Deck Width:

Design Deck Length:

## K. IMPROVEMENT COSTS

Total Construction/Rehab

124,000

Total Inspection

0

TOTAL

124,000

86504 share @100%

124,000

# MUNICIPAL BRIDGE APPRAISAL

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## INSPECTION NOTES

Bridge No.: 000001

Bridge No. 000001, South River-South Structure, Mill Road, 0.8 km North of Marie Street, Village of South River:

- Structure is not posted with a load limit.
- Two span (12.2 m+/- each) concrete bridge of T-beam and slab construction with a concrete deck and an asphalt wearing surface.
- Steel pipe handrails are in generally good condition with minor collision damage and minor corrosion.
- Concrete curbs are in generally good condition with narrow cracks and concrete patches.
- Asphalt wearing surface is in generally good condition with localized patching, potholes and transverse cracks at both ends of the deck (1.0m<sup>2</sup>, poor).
- Concrete deck fascias are in fair condition with delaminations, efflorescence staining, extensive severe scaling, honeycombing and minor separation from the deck (4.0m<sup>2</sup>, poor).
- Concrete deck soffit is in generally good condition with a few small spalls, delaminations and localized wet areas. Exposed reinforcement at the spall locations exhibited light corrosion (3.0m<sup>2</sup>, poor).
- Concrete T-beams are in generally good condition with minor separation of the T-beams from the haunches at the south abutment. Localized scaling, pop-outs, delaminations and spalling of the west haunch at the south end (3.0m<sup>2</sup>, poor).
- Concrete abutments and footings are in generally good condition with localized narrow to wide cracks (1.0m<sup>2</sup>, poor).
- Concrete wingwalls are in generally good condition with patches, honeycombing, light to severe scaling, efflorescence and delaminations (1.0m<sup>2</sup>, poor).
- Concrete centre pier is in good condition.
- Stacked stone retaining walls in the northeast, northwest and southwest quadrants are in good condition.
- Asphalt paved approach roads are in generally good condition. Both approach roads have cracking and have been padded. The north approach has minor settlement. A 3.0x2.0x0.5m void was noted under the north approach slab on the east side due to settlement of fill. A smaller void was noted on the west side as well.
- Steel beam guiderail has been provided in all four quadrants and is in good condition. Terminal end treatments have been provided in all four quadrants. The guiderail has been secured to the structure.
- Hazard markers have been provided in the southeast and southwest quadrants.
- Watercourse is somewhat obstructed due to logs and debris, however there is no evidence of scour.
- No serious evidence of structural distress.
- Structure does not require posting with a load limit.
- Should repair concrete deck soffit, fascias, seal cracks in abutment, patch wingwall, upgrade railings and guiderail end treatments repair voids under approach. Patch end of t-beam.
- Should patch pot holes and seal cracks as minor maintenance.

## L. HISTORY/ GENERAL

Bridge No.: 000001

Year: 0, IAG Install Approach Guiderail, Est Cost: 78000

# MUNICIPAL BRIDGE APPRAISAL

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## A. IDENTIFICATION

|                  |                             |                             |                        |
|------------------|-----------------------------|-----------------------------|------------------------|
| Bridge Name:     | South River-North Structure | Bridge No.:                 | 000002                 |
| Road Name:       | Mill Road                   | Road Section No.            |                        |
| Location:        | 0.90 km N of Marie Street   | MTO Site No.:               | 000-0000-              |
| Roadside Env.:   | R                           | Posting Sign:               | t t t                  |
| BL Posting:      | t t t                       | Low Clear Sign:             | Narrow Structure Sign: |
| Bylaw No.:       |                             | Easting:                    | 17 626154              |
| Bylaw Exp. Date: |                             | Northing:                   | 5078455                |
|                  |                             | Crossing Type:              | O-WAT, Over Water      |
|                  |                             | Federal Navigable Waterway: | No                     |
|                  |                             | Bridge Value:               | \$ 793,000             |
|                  |                             | Old ID:                     |                        |

## B. RAILWAY OVERPASS/UNDERPASS

|                                |      |                              |  |
|--------------------------------|------|------------------------------|--|
| Railway Level Crossing Number: |      | Original Board Order Number: |  |
| Railway Company:               |      | Date:                        |  |
| Railway Subdivision:           |      | Current Board Order Number:  |  |
| Subdivision Mileage:           | 0.00 | Date:                        |  |
| Transport Canada Crossing No.: |      | Seniority:                   |  |
| Number of Tracks:              | 0    |                              |  |

## C. JURISDICTION

|                                  |          |                      |   |
|----------------------------------|----------|----------------------|---|
| Owner:                           | 86504    | Special Designation: | Local / Area Municipality (Upper Tier Only) |
| Owner Share:                     | 100.00 % | Designation 2        | MunicA                                      |
| <input type="checkbox"/> Shared? |          | Adjacent Bridge No.: | MunicB                                      |
| Shared With:                     |          |                      | Patrol:                                     |
| Heritage Status:                 | R        |                      |   |

## D. EXISTING CONDITIONS

|                    |            |              |                              |                               |             |
|--------------------|------------|--------------|------------------------------|-------------------------------|-------------|
| Substructure Yr:   | 1930       | Span Length: | 9.6 m                        | Longitudinal Joints:          | 0           |
| Superstructure Yr: | 1930       | Deck Type:   | CC - Concrete, Cast In Place | Transverse Joints:            | 0           |
| Bridge Type:       | C - TB - H | Deck Length: | 18.0 m                       | Number of Bearings:           | 0           |
| Crossing Skew:     | L-15 °     | Deck Width:  | 8.1 m                        | Soil Condition:               | G           |
| Number of Spans:   | 2          | Deck Area:   | 145.8 m <sup>2</sup>         | Abutment and Foundation Type: | Closed - SF |

### ROAD OVER BRIDGE

|                      |          |                                   |       |                         |    |
|----------------------|----------|-----------------------------------|-------|-------------------------|----|
| Existing Road Class: | 100      | No. of Lanes:                     | 2.0   | Barrier Walls/Railings: | LP |
| Operational Status:  | 2W - OAT | Median Type/Width:                | 0.0 m | Min Vertical Clearance: | m  |
| Wearing Surface:     | C        | Safely Curb/ (A) N E 0.1 m        | m     |                         |    |
| Travel Deck Width:   | 7.10 m   | Sidewalk and Curb (B) N / W 0.1 m | m     |                         |    |

### ROAD UNDER BRIDGE

|                      |   |                         |       |                         |   |
|----------------------|---|-------------------------|-------|-------------------------|---|
| Existing Road Class: |   | No. of Lanes:           | 0     | Traffic Barrier:        |   |
| Operational Status:  | - | Median Type/Width:      | 0.0 m | Min Vertical Clearance: | m |
| Opening Under:       | m | Safely Curb/ (A)        | m     |                         |   |
| Surface Width:       | m | Sidewalk and Curb (B) / | m     |                         |   |

## E. TRAFFIC DATA

| Legal Speed Limit:              | 50                                   | Traffic Count           |          | 10 Year Traffic Forecast |       |
|---------------------------------|--------------------------------------|-------------------------|----------|--------------------------|-------|
|                                 |                                      | Year:                   | A-2005-E | Year:                    | 2015  |
| Route Designations              |                                      | AADT:                   | 30       | AADT:                    | 33    |
| <input type="checkbox"/> Bus    | <input type="checkbox"/> Truck Route | DHV Factor:             | %        | DHV Factor:              | %     |
| <input type="checkbox"/> School | <input type="checkbox"/> Bike Route  | DHV:                    | vph      | DHV:                     | vph   |
| Source:                         |                                      | Trucks:                 | %        | Trucks:                  | %     |
| Bridge 000002 Asset Master      |                                      | Peak Directional Split: | %        | Capacity:                | 0 vph |
|                                 |                                      | 10 Year Growth Factor:  | 1.10     | 20 Year AADT:            | 36    |

## F. INSPECTIONS

|       |            |               |                  |              |                   |
|-------|------------|---------------|------------------|--------------|-------------------|
| Date: | 10/01/2013 | Inspected By: | Andre Dombrowsky | Approved By: | D. Baxter, P.Eng. |
|-------|------------|---------------|------------------|--------------|-------------------|

Municipality: Village of SouthRiver Bridge No.: 000002

# MUNICIPAL BRIDGE APPRAISAL

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**G. BRIDGE NEEDS**

| Field             | MCR | PCR | TON  | Comments |
|-------------------|-----|-----|------|----------|
| Superstructure    | 5   | 5   | 6-10 |          |
| Wearing Surface   | 5   | 6   | 6-10 |          |
| Deck Condition    | 5   | 6   | 6-10 |          |
| Expansion Joints  | 0   | 0   | ADEQ |          |
| Railings          | 5   | 4   | 1-5  |          |
| Substructure      | 5   | 5   | 6-10 |          |
| Coating           | 0   | 0   | ADEQ |          |
| Streams/Waterways | 6   | 6   | ADEQ |          |
| Curb/Sidewalk     | 5   | 6   | 6-10 |          |

**H. FUNCTIONAL NEEDS**

| Field                   | Existing | Min Tolerable | Time of Need | Comments                             |
|-------------------------|----------|---------------|--------------|--------------------------------------|
| <b>Road Over Bridge</b> |          |               |              |                                      |
| RO-Trav. Deck Width     | 7.1      | 6.5           | ADEQ         | Proj Class: 100, 33 (10 YR, 30*1.1)  |
| RO-LOS                  | A        | E             | ADEQ         |                                      |
| RO-Min. Vertical Clear. |          | 4.5           | ADEQ         | No value for: Min Vertical Clearance |
| RO-Sidewalks            | N        | N             | ADEQ         |                                      |

**I. RECOMMENDED NEEDS**

| Impr.Class  | Improvement | Description                           | Time of Need | Year      | Base/Const Cost | Eng/Cont | Total  |
|-------------|-------------|---------------------------------------|--------------|-----------|-----------------|----------|--------|
| Rehab       | CDS         | Concrete Deck Soffit Repairs          | 1-5          | 0         | 10,000          | 3,000    | 13,000 |
| Rehab       | RRW         | Rehabilitate /Replace Retaining Walls | 1-5          | 0         | 10,000          | 3,000    | 13,000 |
| Rehab       | RSP         | Rehabilitate Superstructure           | 1-5          | 0         | 5,000           | 2,000    | 7,000  |
| Rehab       | IAG         | Install Approach Guardrail            | NOW          | 0         | 50,000          | 15,000   | 65,000 |
|             |             |                                       | Rehab        | Subtotal: | 76,000          | 23,000   | 98,000 |
| Rehab Extra | brTCP       | Traffic Control/Protection            | NOW          | 0         | 5,000           | 2,000    | 7,000  |
|             |             |                                       | Rehab Extra  | Subtotal: | 5,000           | 2,000    | 7,000  |

**I. ENGINEERING RECOMMENDATIONS**

|                       |       |
|-----------------------|-------|
| Bridge Drawings:      | t     |
| Estimated Posting:    | t     |
| Evaluated Posting:    | t t t |
| Closure Date:         |       |
| Closure Type:         |       |
| Monitoring Interval:  |       |
| Monitoring Component: |       |

**J. DESIGN PARAMETERS**

|                     |  |
|---------------------|--|
| Design Class:       |  |
| Operational Status: |  |
| Abutment Type:      |  |
| Design Deck Width:  |  |
| Design Deck Length: |  |

**K. IMPROVEMENT COSTS**

|                          |                |
|--------------------------|----------------|
| Total Construction/Rehab | 105,000        |
| Total Inspection         | 0              |
| <b>TOTAL</b>             | <b>105,000</b> |
| 86504 share @100%        | 105,000        |

# MUNICIPAL BRIDGE APPRAISAL

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Run: DEC 4,2013 9:24AM

## INSPECTION NOTES

Bridge No.: 000002

Bridge No. 000002, South River-North Structure, Mill Road, 0.9 km North of Marie Street, Village of South River:

- Structure is not posted with a load limit.
- Two span (9.6 m+1; 6.6 m+1) concrete bridge of T-beam and slab construction with a concrete deck and asphalt wearing surface.
- Steel pipe handrails are in generally good condition with localized collision damage.
- Concrete deck fascias are in fair condition with efflorescence staining, minor corrosion, and localized severe scaling (3.0m<sup>2</sup>, poor).
- Asphalt wearing surface is in good condition on bridge deck and approaches
- Concrete curbs are in generally good condition with localized cracks.
- Concrete deck soffit is in generally good condition with localized narrow stained cracks and delaminations (2.0m<sup>2</sup>, poor).
- Concrete T-beams are in generally good condition with localized pop-outs, delaminations, and narrow cracks at south haunches (2.0m<sup>2</sup>, poor).
- Concrete centre pier is in generally good condition with localized narrow to medium vertical cracks.
- Concrete abutments are in generally good condition with a vertical stained and unstained cracks and scaling at the base of the north abutment.
- Concrete wingwalls have been previously repaired and are in fair condition with severe scaling. The patch in the northwest quadrant is debonding (5.0m<sup>2</sup>, poor).
- Stacked stone retaining walls in the northeast and northwest quadrants are in good condition.
- Watercourse is unobstructed with no evidence of scour. A new hydro pipe has been installed under the south span.
- A 900 mm diameter CSP relief culvert behind the north abutment has been filled with concrete.
- No traffic protection has been provided in the southeast quadrant. Steel beam guiderail has been provided in the remaining quadrants and is in good condition. Terminal end treatments have been provided in all four quadrants.
- Hazard markers have been provided in the northeast and northwest quadrants.
- No serious evidence of structural distress.
- Structure does not require posting with a load limit.
- Should repair concrete wingwalls, beam ends, soffit, fascias, T-Beam and upgrade end treatments.

## L. HISTORY/ GENERAL

Bridge No.: 000002



## **APPENDIX C**

### **10 Year Road, Bridge and Watermain Management Plan**

## THE VILLAGE OF SOUTH RIVER

10 YEAR MANAGEMENT PLAN

| YEAR | SECT. NO. | DESCRIPTION   | KM LENGTH | CONDITION RATING | TYPE                                     | COST (\$)           | SECT. NO. |
|------|-----------|---|-----------|------------------|--|---------------------|-----------|
| 2014 | -         | General   | -         | -                | Maintenance, Operations and Capital      | 400,000.00          | -         |
|      | 860       | Broadway Street, from Ottawa Avenue to Maple Street | 1.02      | 4                | Reconstruction and Watermain Replacement | *                   | 27,000.00 |
| *    |           | Special Project, South River Share of \$270,000.00  | -         | -                |  |                     | *         |
|      |           |   |           |                  | <b>TOTAL</b>                             | <b>\$427,000.00</b> |           |
| 2015 | -         | General   | -         | -                | Maintenance, Operations and Capital      | 408,000.00          | -         |
|      | 860       | Broadway Street, from Ottawa Avenue to Maple Street | 1.02      | 4                | Reconstruction and Watermain Replacement | *                   | 27,000.00 |
| *    |           | Special Project, South River Share of \$270,000.00  | -         | -                |  |                     | *         |
|      |           |   |           |                  | <b>TOTAL</b>                             | <b>\$435,000.00</b> |           |
| 2016 | -         | General   | -         | -                | Maintenance, Operations and Capital      | 416,000.00          | -         |
|      |           |   |           |                  | <b>TOTAL</b>                             | <b>\$416,000.00</b> |           |
| 2017 | -         | General   | -         | -                | Maintenance, Operations and Capital      | 424,000.00          | -         |
|      |           |   |           |                  | <b>TOTAL</b>                             | <b>\$424,000.00</b> |           |
| 2018 | -         | General   | -         | -                | Maintenance, Operations and Capital      | 432,000.00          | -         |
|      |           |   |           |                  | <b>TOTAL</b>                             | <b>\$432,000.00</b> |           |
| 2019 | -         | General   | -         | -                | Maintenance, Operations and Capital      | 440,000.00          | -         |
|      |           |   |           |                  | <b>TOTAL</b>                             | <b>\$440,000.00</b> |           |
| 2020 | -         | General   | -         | -                | Maintenance, Operations and Capital      | 452,000.00          | -         |
|      |           |   |           |                  | <b>TOTAL</b>                             | <b>\$452,000.00</b> |           |
| 2021 | -         | General   | -         | -                | Maintenance, Operations and Capital      | 460,000.00          | -         |
|      |           |   |           |                  | <b>TOTAL</b>                             | <b>\$460,000.00</b> |           |
| 2022 | -         | General   | -         | -                | Maintenance, Operations and Capital      | 468,000.00          | -         |
|      |           |   |           |                  | <b>TOTAL</b>                             | <b>\$468,000.00</b> |           |
| 2023 | -         | General   | -         | -                | Maintenance, Operations and Capital      | 480,000.00          | -         |
|      |           |   |           |                  | <b>TOTAL</b>                             | <b>\$480,000.00</b> |           |



## **APPENDIX D**

### **Summary of Historical Expenditures**

## Income Statement

For the period 2011/01/01 to 2011/12/31

|   | Revenue    | December   | Year 2011 | Committed  | Balance Period Budget | Unallocated | %Bal/Budget |
|---|------------|------------|-----------|------------|-----------------------|-------------|-------------|
| <b>General. (1)</b>                             |            |            |           |            |                       |             |             |
| Transportation (40)                             |            |            |           |            |                       |             |             |
| 1-40-041-530-515 PW- Street Machine Net Revenue | -20,847.53 | -20,847.53 | 0.00      | -20,847.53 | 29,500.00             | 50,347.53   | -70.67      |
| 1-40-041-530-516 PW- Misc Streets Revenue       | -23,965.59 | -25,301.79 | 0.00      | -25,301.79 | -23,900.00            | 1,401.79    | 105.87      |
| Transportation (40)                             | -44,803.12 | -46,149.32 | 0.00      | -46,149.32 | 6,600.00              | 51,749.32   | -824.10     |
| General. (1)                                    | -44,803.12 | -46,149.32 | 0.00      | -46,149.32 | 5,600.00              | 51,749.32   | -824.10     |
| Revenue   | -44,803.12 | -46,149.32 | 0.00      | -46,149.32 | 5,600.00              | 51,749.32   | -824.10     |
| <b>Expense</b>                                  |            |            |           |            |                       |             |             |
| <b>General. (1)</b>                             |            |            |           |            |                       |             |             |
| Transportation (40)                             |            |            |           |            |                       |             |             |
| 1-40-041-100-101 PW- Full Time Salaries         | 7,572.98   | 27,215.65  | 0.00      | 27,215.65  | 126,215.00            | 98,999.35   | 21.56       |
| 1-40-041-130-130 PW- EI                         | 6.43       | 500.89     | 0.00      | 500.89     | 3,140.00              | 2,689.11    | 15.95       |
| 1-40-041-130-131 PW- CPP                        | 32.07      | 1,029.34   | 0.00      | 1,029.34   | 5,815.00              | 4,785.66    | 17.70       |
| 1-40-041-130-132 PW- EHT                        | 49.67      | 504.29     | 0.00      | 504.29     | 2,460.00              | 1,955.71    | 20.50       |
| 1-40-041-130-133 PW- WSIB                       | 60.37      | 612.88     | 0.00      | 612.88     | 2,994.00              | 2,381.12    | 20.47       |
| 1-40-041-130-136 PW- Green Shields Insurance    | 0.00       | 9,043.12   | 0.00      | 9,043.12   | 8,800.00              | -243.12     | 102.76      |
| 1-40-041-130-138 PW- Eye Glass Benefit          | 0.00       | 100.00     | 0.00      | 100.00     | 300.00                | 200.00      | 33.33       |
| 1-40-041-130-141 PW- OMERS Pension              | 197.01     | 1,802.66   | 0.00      | 1,802.66   | 8,040.00              | 6,237.34    | 22.42       |
| 1-40-041-150-151 PW- Clothing & Safety          | 222.20     | 1,811.53   | 0.00      | 1,811.53   | 1,800.00              | -11.53      | 100.64      |
| 1-40-041-160-160 PW- Mileage                    | 0.00       | 0.00       | 0.00      | 0.00       | 200.00                | 200.00      | 0.00        |
| 1-40-041-160-162 PW- Education                  | 0.00       | 290.00     | 0.00      | 290.00     | 1,500.00              | 1,210.00    | 19.33       |
| 1-40-041-160-165 PW- Associations               | 0.00       | 481.52     | 0.00      | 481.52     | 500.00                | 18.48       | 96.30       |
| 1-40-041-220-220 PW- Telephone & Radio          | 265.47     | 2,902.30   | 0.00      | 2,902.30   | 3,600.00              | 697.70      | 80.62       |
| 1-40-041-220-224 PW- Internet                   | 53.88      | 646.56     | 0.00      | 646.56     | 635.00                | -11.56      | 101.82      |
| 1-40-041-220-225 PW- Postage & Courier          | 0.00       | 163.59     | 0.00      | 163.59     | 50.00                 | -113.59     | 327.18      |
| 1-40-041-230-230 PW- Computer & Supplies        | 0.00       | 283.39     | 0.00      | 283.39     | 200.00                | -83.39      | 141.70      |
| 1-40-041-230-232 PW- Office Supplies            | 102.95     | 177.55     | 0.00      | 177.55     | 200.00                | 22.45       | 88.78       |
| 1-40-041-230-235 PW- Insurance                  | 956.93     | 13,438.27  | 0.00      | 13,438.27  | 13,565.00             | 126.73      | 99.07       |
| 1-40-041-230-239 PW- Advertising                | 58.61      | 549.30     | 0.00      | 549.30     | 100.00                | -49.30      | 549.30      |
| 1-40-041-230-249 PW- MTO Sign Lease             | 0.00       | 260.00     | 0.00      | 260.00     | 1,160.00              | 900.00      | 22.41       |
| 1-40-041-240-011 PW- Roads Contra Capital       | -7,021.44  | -7,021.44  | 0.00      | -7,021.44  | 0.00                  | 7,021.44    |             |
| 1-40-041-240-012 PW- Roads Amortization         | 76,263.89  | 76,263.89  | 0.00      | 76,263.89  | 0.00                  | -76,263.89  |             |
| 1-40-041-240-251 PW- Capital                    | 0.00       | 0.00       | 0.00      | 0.00       | <45,000.00            | 45,000.00   | 0.00        |

Friday December 13, 2013 10:03:52 AM (short)

## Income Statement

For the period 2011/01/01 to 2011/12/31

|                  |                                 | December  | Year 2011 | Committed | Balance Period Budget | Unallocated | %Bal/Budget |
|------------------|---------------------------------|-----------|-----------|-----------|-----------------------|-------------|-------------|
| 1-40-041-300-303 | PW- Machine Maint. Costs        | 0.00      | 12.15     | 0.00      | 12.15                 | 0.00        | -12.15      |
| 1-40-041-320-320 | PW- Hydro                       | 421.68    | 1,848.80  | 0.00      | 1,848.80              | 2,100.00    | 251.20      |
| 1-40-041-320-321 | PW- Natural Gas                 | 560.76    | 2,115.74  | 0.00      | 2,115.74              | 2,500.00    | 384.26      |
| 1-40-041-320-322 | PW- Water                       | 0.00      | 426.90    | 0.00      | 426.90                | 430.00      | 3.10        |
| 1-40-042-200-205 | PW Project- Machine Time        | 0.00      | 80.00     | 0.00      | 80.00                 | 0.00        | -80.00      |
| 1-40-043-100-101 | PW- Winter Labour               | 5,670.66  | 23,752.26 | 0.00      | 23,752.26             | 0.00        | -23,752.26  |
| 1-40-043-130-130 | PW- Winter EI                   | 35.11     | 561.02    | 0.00      | 561.02                | 0.00        | -561.02     |
| 1-40-043-130-131 | PW- Winter CPP                  | 129.67    | 1,087.32  | 0.00      | 1,087.32              | 0.00        | -1,087.32   |
| 1-40-043-130-132 | PW- Winter EHT                  | 65.52     | 477.44    | 0.00      | 477.44                | 0.00        | -477.44     |
| 1-40-043-130-133 | PW- Winter WSIB                 | 79.60     | 580.23    | 0.00      | 580.23                | 0.00        | -580.23     |
| 1-40-043-130-141 | PW- Winter OWNERS               | 224.85    | 1,531.38  | 0.00      | 1,531.38              | 0.00        | -1,531.38   |
| 1-40-043-200-205 | PW- Winter Machine Time         | 6,240.40  | 28,359.75 | 0.00      | 28,359.75             | 0.00        | -28,359.75  |
| 1-40-043-240-012 | PW- Winter Amortization         | 11,504.26 | 11,504.26 | 0.00      | 11,504.26             | 0.00        | -11,504.26  |
| 1-40-043-240-250 | PW - Winter Transfer to Reserve | 20,700.24 | 20,700.24 | 0.00      | 20,700.24             | 0.00        | -20,700.24  |
| 1-40-043-300-302 | PW- Winter Contractors          | 7,024.50  | 29,289.76 | 0.00      | 29,289.76             | 50,000.00   | 20,700.24   |
| 1-40-043-300-303 | PW- Winter Materials            | 0.00      | 0.00      | 0.00      | 0.00                  | 200.00      | 0.00        |
| 1-40-043-300-304 | PW- Winter Sand & Salt          | 4,138.00  | 5,292.30  | 0.00      | 5,292.30              | 10,300.00   | 5.007.70    |
| 1-40-044-100-101 | PW- Roadside Labour             | 0.00      | 10,359.67 | 0.00      | 10,359.67             | 0.00        | -10,359.67  |
| 1-40-044-130-130 | PW- Roadside EI                 | 0.00      | 264.97    | 0.00      | 264.97                | 0.00        | -264.97     |
| 1-40-044-130-131 | PW- Roadside CPP                | 0.00      | 467.08    | 0.00      | 467.08                | 0.00        | -467.08     |
| 1-40-044-130-132 | PW- Roadside EHT                | 0.00      | 202.04    | 0.00      | 202.04                | 0.00        | -202.04     |
| 1-40-044-130-133 | PW- Roadside WSIB               | 0.00      | 245.51    | 0.00      | 245.51                | 0.00        | -245.51     |
| 1-40-044-130-141 | PW- Roadside OWNERS             | 0.00      | 535.60    | 0.00      | 535.60                | 0.00        | -535.60     |
| 1-40-044-200-205 | PW- Roadside Machine Time       | 0.00      | 9,637.20  | 0.00      | 9,637.20              | 0.00        | -9,637.20   |
| 1-40-044-300-303 | PW- Roadside Materials          | 0.00      | 122.09    | 0.00      | 122.09                | 650.00      | 527.91      |
| 1-40-045-100-101 | PW- Hardtop Labour              | 0.00      | 10,705.87 | 0.00      | 10,705.87             | 0.00        | -10,705.87  |
| 1-40-045-130-130 | PW- Hardtop EI                  | 0.00      | 266.06    | 0.00      | 266.06                | 0.00        | -266.06     |
| 1-40-045-130-131 | PW- Hardtop CPP                 | 0.00      | 484.13    | 0.00      | 484.13                | 0.00        | -484.13     |
| 1-40-045-130-132 | PW- Hardtop EHT                 | 0.00      | 208.75    | 0.00      | 208.75                | 0.00        | -208.75     |
| 1-40-045-130-133 | PW- Hardtop WSIB                | 0.00      | 253.70    | 0.00      | 253.70                | 0.00        | -253.70     |
| 1-40-045-130-141 | PW- Hardtop OWNERS              | 0.00      | 585.79    | 0.00      | 585.79                | 0.00        | -585.79     |
| 1-40-045-200-205 | PW- Hardtop Machine Time        | 0.00      | 11,011.95 | 0.00      | 11,011.95             | 0.00        | -11,011.95  |
| 1-40-045-300-302 | PW- Hardtop Contracts           | 806.59    | 8,396.41  | 0.00      | 8,396.41              | 0.00        | -8,396.41   |
| 1-40-045-300-303 | PW- Hardtop Materials           | 0.00      | 2,334.81  | 0.00      | 2,334.81              | 500.00      | -1,834.81   |
| 1-40-046-100-101 | PW- Loosetop Labour             | 0.00      | 1,070.74  | 0.00      | 1,070.74              | 0.00        | -1,070.74   |

## Village of South River

## Income Statement

For the period 2011/07/01 to 2011/12/31

|   | December | Year 2011 | Committed | Balance Period Budget | Unallocated %Bal/Budget  |
|---|----------|-----------|-----------|-----------------------|--------------------------|
| 1-40-046-130-130 PW-Loosefill EI                | 0.00     | 26.67     | 0.00      | 26.67                 | 0.00 -26.67              |
| 1-40-046-130-131 PW-Loosefill CPP               | 0.00     | 49.15     | 0.00      | 49.15                 | 0.00 -49.15              |
| 1-40-046-130-132 PW-Loosefill EHT               | 0.00     | 20.87     | 0.00      | 20.87                 | 0.00 -20.87              |
| 1-40-046-130-133 PW-Loosefill WSIB              | 0.00     | 25.39     | 0.00      | 25.39                 | 0.00 -25.39              |
| 1-40-046-130-141 PW-Loosefill OMERS             | 0.00     | 65.36     | 0.00      | 65.36                 | 0.00 -65.36              |
| 1-40-046-200-205 PW- Loosefill Machine Time     | 0.00     | 606.30    | 0.00      | 606.30                | 0.00 -606.30             |
| 1-40-046-300-303 PW- Loosefill Materials        | 0.00     | 0.00      | 0.00      | 0.00                  | 5,000.00 - 5,000.00 0.00 |
| 1-40-047-100-101 PW-Culverts&Bridges Labour     | 0.00     | 1,280.32  | 0.00      | 1,280.32              | 0.00 -1,280.32           |
| 1-40-047-130-130 PW-Culvert & Bridges EI        | 0.00     | 27.03     | 0.00      | 27.03                 | 0.00 -27.03              |
| 1-40-047-130-131 PW-Culverts & Bridges CPP      | 0.00     | 55.83     | 0.00      | 55.83                 | 0.00 -55.83              |
| 1-40-047-130-132 PW-Culverts & Bridges EHT      | 0.00     | 24.97     | 0.00      | 24.97                 | 0.00 -24.97              |
| 1-40-047-130-133 PW-Culverts & Bridges WSIB     | 0.00     | 30.34     | 0.00      | 30.34                 | 0.00 -30.34              |
| 1-40-047-130-141 PW-Culverts & Bridges OMERS    | 0.00     | 69.97     | 0.00      | 69.97                 | 0.00 -69.97              |
| 1-40-047-200-205 PW-Culverts&Bridges Machine    | 0.00     | 298.70    | 0.00      | 298.70                | 0.00 -298.70             |
| 1-40-047-300-302 PW-Culverts&Bridges Contracts  | 1,933.44 | 1,933.44  | 0.00      | 1,933.44              | 0.00 -1,933.44           |
| 1-40-047-300-303 PW-Culverts&Bridges Materials  | 0.00     | 248.26    | 0.00      | 248.26                | 2,500.00 * 2,500.00 *    |
| 1-40-048-100-101 PW-Roadsafety Labour           | 331.82   | 1,384.43  | 0.00      | 1,384.43              | 0.00 -1,384.43           |
| 1-40-048-130-130 PW-Roadsafety EI               | 0.00     | 28.15     | 0.00      | 28.15                 | 0.00 -28.15              |
| 1-40-048-130-131 PW-Roadsafety CPP              | 0.63     | 55.05     | 0.00      | 55.05                 | 0.00 -55.05              |
| 1-40-048-130-132 PW-Roadsafety EHT              | 1.63     | 24.96     | 0.00      | 24.96                 | 0.00 -24.96              |
| 1-40-048-130-133 PW-Roadsafety WSIB             | 1.97     | 30.31     | 0.00      | 30.31                 | 0.00 -30.31              |
| 1-40-048-130-141 PW-Roadsafety OMERS            | 6.44     | 74.93     | 0.00      | 74.93                 | 0.00 -74.93              |
| 1-40-048-200-205 PW-Roadsafety Machine Time     | 71.10    | 410.80    | 0.00      | 410.80                | 0.00 -410.80             |
| 1-40-048-260-267 PW-Roadsafety CNR Crossing     | 514.86   | 3,052.38  | 0.00      | 3,052.38              | 3,016.00 -36.38          |
| 1-40-048-300-303 PW-Roadsafety Materials        | 299.54   | 2,713.01  | 0.00      | 2,713.01              | 2,500.00 -213.01         |
| 1-40-048-400-401 PW-Sidewalks Labour(Summer)    | 0.00     | 1,594.23  | 0.00      | 1,594.23              | 0.00 -1,594.23           |
| 1-40-049-130-130 PW-Sidewalks EI                | 0.00     | 39.73     | 0.00      | 39.73                 | 0.00 -39.73              |
| 1-40-049-130-131 PW-Sidewalks CPP               | 0.00     | 72.66     | 0.00      | 72.66                 | 0.00 -72.66              |
| 1-40-049-130-132 PW-Sidewalks EHT               | 0.00     | 31.09     | 0.00      | 31.09                 | 0.00 -31.09              |
| 1-40-049-130-133 PW-Sidewalks WSIB              | 0.00     | 37.78     | 0.00      | 37.78                 | 0.00 -37.78              |
| 1-40-049-130-141 PW-Sidewalk OMERS              | 0.00     | 78.83     | 0.00      | 78.83                 | 0.00 -78.83              |
| 1-40-049-200-205 PW-Sidewalk Machine Time(Sum)  | 0.00     | 518.60    | 0.00      | 518.60                | 0.00 -518.60             |
| 1-40-049-300-303 PW-Sidewalk Materials (Summer) | 595.31   | 951.32    | 0.00      | 951.32                | 3,125.00 ✓ 2,173.68      |
| 1-40-050-100-101 PW-Grounds Labour              | 595.31   | 1,984.26  | 0.00      | 1,984.26              | 0.00 -1,984.26           |
| 1-40-050-130-130 PW-Grounds EI                  | 9.21     | 43.84     | 0.00      | 43.84                 | 0.00 -43.84              |

## Income Statement

For the period 2011/01/01 to 2011/12/31

|                  |                               | December | Year 2011 | Committed | Balance Period Budget | Unallocated        | %Bal/Budget |
|------------------|-------------------------------|----------|-----------|-----------|-----------------------|--------------------|-------------|
| 1-40-050-130-131 | PW Grounds CPP                | 19.53    | 80.97     | 0.00      | 80.97                 | 0.00               | -80.97      |
| 1-40-050-130-132 | PW Grounds EHT                | 11.60    | 38.70     | 0.00      | 38.70                 | 0.00               | -38.70      |
| 1-40-050-130-133 | PW Grounds WSIB               | 14.10    | 47.01     | 0.00      | 47.01                 | 0.00               | -47.01      |
| 1-40-050-130-141 | PW Grounds OMERS              | 28.22    | 77.74     | 0.00      | 77.74                 | 0.00               | -77.74      |
| 1-40-050-200-205 | PW- Grounds-Machine Time      | 0.00     | 426.70    | 0.00      | 426.70                | 0.00               | -426.70     |
| 1-40-051-300-302 | PW- Storm Sewers (Contract)   | 0.00     | 1,729.92  | 0.00      | 1,729.92              | 1,900.00           | 170.08      |
| 1-40-052-100-101 | PW-Fire Hydrants Labour       | 0.00     | 288.40    | 0.00      | 288.40                | 0.00               | -288.40     |
| 1-40-052-130-130 | PW-Fire Hydrants EI           | 0.00     | 7.18      | 0.00      | 7.18                  | 0.00               | -7.18       |
| 1-40-052-130-131 | PW-Fire Hydrants CPP          | 0.00     | 12.92     | 0.00      | 12.92                 | 0.00               | -12.92      |
| 1-40-052-130-132 | PW-Fire Hydrant EHT           | 0.00     | 5.63      | 0.00      | 5.63                  | 0.00               | -5.63       |
| 1-40-052-130-133 | PW-Fire Hydrants WSIB         | 0.00     | 6.84      | 0.00      | 6.84                  | 0.00               | -6.84       |
| 1-40-052-130-141 | PW-Fire Hydrants OMERS        | 0.00     | 16.15     | 0.00      | 16.15                 | 0.00               | -16.15      |
| 1-40-052-200-205 | PW-Fire Hydrants Machine Time | 0.00     | 280.40    | 0.00      | 280.40                | 0.00               | -280.40     |
| 1-40-052-300-303 | PW-Fire Hydrants Materials    | 0.00     | 0.00      | 0.00      | 0.00                  | 300.00             | 0.00        |
| 1-40-053-100-101 | PW Garage- Labour             | 1,926.31 | 12,365.51 | 0.00      | 12,365.51             | 0.00               | -12,365.51  |
| 1-40-053-130-130 | PW Garage EI                  | 15.22    | 283.74    | 0.00      | 283.74                | 0.00               | -283.74     |
| 1-40-053-130-131 | PW Garage CPP                 | 29.97    | 519.34    | 0.00      | 519.34                | 0.00               | -519.34     |
| 1-40-053-130-132 | PW Garage EHT                 | 16.73    | 231.38    | 0.00      | 231.38                | 0.00               | -231.38     |
| 1-40-053-130-133 | PW Garage WSIB                | 20.34    | 281.19    | 0.00      | 281.19                | 0.00               | -281.19     |
| 1-40-053-130-141 | PW Garage OMERS               | 35.19    | 571.61    | 0.00      | 571.61                | 0.00               | -571.61     |
| 1-40-053-200-205 | PW Garage- Machine Time       | 0.00     | 806.65    | 0.00      | 806.65                | 0.00               | -806.65     |
| 1-40-053-300-303 | PW- Garage Supplies           | 443.59   | 3,168.98  | 0.00      | 3,168.98              | 8,000.00           | 4,831.01    |
| 1-40-053-300-314 | PW- Garage Compound           | 402.00   | 5,182.93  | 0.00      | 5,182.93              | 5,200.00           | 17.07       |
| 1-40-053-330-330 | PW- Garage Maintenance        | 0.00     | 336.12    | 0.00      | 336.12                | 400.00             | 63.88       |
| 1-40-054-100-100 | Crossing Guards- Salaries     | 1,878.43 | 11,610.46 | 0.00      | 11,610.46             | <u>(11,862.00)</u> | 251.54      |
| 1-40-054-130-130 | Crossing Guards- EI           | 40.20    | 296.95    | 0.00      | 296.95                | 274.00             | -22.95      |
| 1-40-054-130-131 | Crossing Guards- CPP          | 44.45    | 192.06    | 0.00      | 192.06                | 133.00             | -59.06      |
| 1-40-054-130-132 | Crossing Guards- EHT          | 31.14    | 231.86    | 0.00      | 231.86                | 218.00             | -13.86      |
| 1-40-054-130-133 | Crossing Guards- WSIB         | 38.08    | 282.25    | 0.00      | 282.25                | 281.00             | -1.25       |
| 1-40-054-150-151 | Crossing Guards- Clothing     | 0.00     | 836.52    | 0.00      | 836.52                | 200.00             | -636.52     |
| 1-40-054-300-303 | Crossing Guards- Supplies     | 0.00     | 89.14     | 0.00      | 89.14                 | 31.00              | -58.14      |
| 1-40-055-100-101 | Street Lights- Labour         | 161.88   | 981.50    | 0.00      | 981.50                | 0.00               | -981.50     |
| 1-40-055-130-130 | Street Lights EI              | 1.88     | 22.55     | 0.00      | 22.55                 | 0.00               | -22.55      |
| 1-40-055-130-131 | PW Street Lights CPP          | 3.19     | 44.48     | 0.00      | 44.48                 | 0.00               | -44.48      |
| 1-40-055-130-132 | PW Street Lighting EHT        | 3.15     | 24.21     | 0.00      | 24.21                 | 0.00               | -24.21      |

## Village of South River

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## **Income Statement**

For the period 2011/01/01 to 2011/12/31

|                            |   | December   |  | Year 2011  |      | Committed  |            | Balance Period Budget |            | Unallocated <sup>d</sup> %Baff/Budget |  |
|----------------------------|---|------------|--|------------|------|------------|------------|-----------------------|------------|---------------------------------------|--|
| 1-40-055-130-133           | PW Street Lighting WSIB                 | 3.83       |  | 29.43      | 0.00 | 29.43      | 0.00       | 29.43                 | 0.00       | -29.43                                |  |
| 1-40-055-130-141           | PW Street Lighting OMERS                | 6.72       |  | 77.23      | 0.00 | 77.23      | 0.00       | 77.23                 | 0.00       | -77.23                                |  |
| 1-40-055-200-205           | Street Lights- Machine Time             | 8.00       |  | 590.60     | 0.00 | 590.60     | 0.00       | 590.60                | 0.00       | -590.60                               |  |
| 1-40-055-240-012           | PW Streetlights Amortization Expense    | 2,211.87   |  | 2,211.87   | 0.00 | 2,211.87   | 0.00       | 2,211.87              | 0.00       | -2,211.87                             |  |
| 1-40-055-300-302           | Street Lights- Contracts                | 0.00       |  | 4,693.80   | 0.00 | 4,693.80   | 5,000.00   | 5,000.00              | 306.20     | 93.88                                 |  |
| 1-40-055-300-303           | PW- Streets Lights Materials & Supplies | 0.00       |  | 665.12     | 0.00 | 665.12     | 2,000.00   | 2,000.00              | 1,334.88   | 33.26                                 |  |
| 1-40-055-320-320           | PW-Street Lighting Energy               | 6,751.76   |  | 26,288.63  | 0.00 | 26,288.63  | 29,000.00  | 29,000.00             | 2,711.37   | 90.65                                 |  |
| <b>Transportation (-0)</b> |   | 146,132.19 |  | 409,650.85 | 0.00 | 409,650.85 | 373,894.00 | 373,894.00            | -35,756.85 | 109.56                                |  |
| <b>General. (1)</b>        |   | 146,132.19 |  | 409,650.85 | 0.00 | 409,650.85 | 373,894.00 | 373,894.00            | -35,756.85 | 109.56                                |  |
| <b>Expense</b>             |   | 146,132.19 |  | 409,650.85 | 0.00 | 409,650.85 | 373,894.00 | 373,894.00            | -35,756.85 | 109.56                                |  |
| <b>Report Totals</b>       |   | 101,329.07 |  | 363,501.53 | 0.00 | 363,501.53 | 379,494.00 | 379,494.00            | 15,992.47  | 95.79                                 |  |

## **Village of South River**

## Income Statement

For the period 2012/01/01 to 2012/12/31

## Village of South River

|  | December    | Year 2012   | Committed | Balance Period Budget | Unallocated | %Bal/Budget |
|--|-------------|-------------|-----------|-----------------------|-------------|-------------|
| <b>Revenue</b>                                 |             |             |           |                       |             |             |
| General. (1)                                   |             |             |           |                       |             |             |
| Transportation (40)                            |             |             |           |                       |             |             |
| 1-40-041-301-500 PW - Summer Student           | -592.00     | -592.00     | 0.00      | -592.00               | -592.00     | 0.00        |
| 1-40-041-301-502 PW - Net Loan Proceeds        | 2,193.22    | -130,725.43 | 0.00      | -130,725.43           | -130,500.00 | 225.43      |
| 1-40-041-330-515 PW-Street Machine Net Revenue | -67,942.70  | -67,942.70  | 0.00      | -67,942.70            | -7,400.00   | 60,542.70   |
| 1-40-041-330-516 PW- Misc Streets Revenue      | -20,465.80  | -21,889.44  | 0.00      | -21,889.44            | -23,900.00  | -2,010.56   |
| 1-40-041-330-531 Roads - from Reserves         | -23,501.00  | -23,501.00  | 0.00      | -23,501.00            | -23,501.00  | 0.00        |
| Transportation (40)                            | -110,308.28 | -244,650.57 | 0.00      | -244,650.57           | -185,893.00 | 58,757.57   |
| General. (1)                                   | -110,308.28 | -244,650.57 | 0.00      | -244,650.57           | -185,893.00 | 58,757.57   |
| Revenue  | -110,308.28 | -244,650.57 | 0.00      | -244,650.57           | -185,893.00 | 58,757.57   |
| <b>Expense</b>                                 |             |             |           |                       |             |             |
| General. (1)                                   |             |             |           |                       |             |             |
| Transportation (40)                            |             |             |           |                       |             |             |
| 1-40-041-100-101 PW- Full Time Salaries        | 16,461.67   | 35,761.81   | 0.00      | 35,761.81             | 127,925.00  | 92,163.19   |
| 1-40-041-100-103 PW- Salaries Students         | 0.00        | 92.25       | 0.00      | 92.25                 | 3,155.00    | 3,052.75    |
| 1-40-041-130-130 PW- EI                        | 200.94      | 712.55      | 0.00      | 712.55                | 3,376.00    | 2,662.45    |
| 1-40-041-130-131 PW- CPP                       | 404.05      | 1,416.86    | 0.00      | 1,416.86              | 6,055.00    | 4,658.14    |
| 1-40-041-130-132 PW- EHT                       | 219.75      | 663.61      | 0.00      | 663.61                | 2,560.00    | 1,866.39    |
| 1-40-041-130-133 PW-WSIB                       | 271.59      | 820.20      | 0.00      | 820.20                | 3,170.00    | 2,349.80    |
| 1-40-041-130-136 PW- Green Shields Insurance   | 874.08      | 9,911.42    | 0.00      | 9,911.42              | 10,530.00   | 6,858       |
| 1-40-041-130-138 PW- Eye Glass Benefit         | 0.00        | 0.00        | 0.00      | 0.00                  | 300.00      | 0.00        |
| 1-40-041-130-141 PW- OMERS Pension             | 779.29      | 2,558.97    | 0.00      | 2,558.97              | 9,582.00    | 7,023.03    |
| 1-40-041-150-151 PW- Clothing & Safety         | 225.13      | 1,970.61    | 0.00      | 1,970.61              | 1,800.00    | -170.61     |
| 1-40-041-160-160 PW- Mileage                   | 0.00        | 0.00        | 0.00      | 0.00                  | 200.00      | 200.00      |
| 1-40-041-160-162 PW- Education                 | 30.48       | 157.68      | 0.00      | 157.68                | 500.00      | 342.32      |
| 1-40-041-160-165 PW- Associations              | 0.00        | 648.50      | 0.00      | 648.50                | 650.00      | 1.50        |
| 1-40-041-220-220 PW- Telephone & Radio         | 328.67      | 3,406.35    | 0.00      | 3,406.35              | 3,320.00    | -86.35      |
| 1-40-041-220-224 PW-Internet                   | 68.13       | 758.86      | 0.00      | 758.86                | 690.00      | -68.86      |
| 1-40-041-220-225 PW- Postage & Courier         | 0.00        | 34.23       | 0.00      | 34.23                 | 50.00       | 15.77       |
| 1-40-041-230-230 PW- Computer & Supplies       | 0.00        | 0.00        | 0.00      | 0.00                  | 200.00      | 200.00      |
| 1-40-041-230-232 PW- Office Supplies           | 58.00       | 291.78      | 0.00      | 291.78                | 200.00      | -91.78      |
| 1-40-041-230-235 PW- Insurance                 | 0.00        | 11,594.98   | 0.00      | 11,594.98             | 11,500.00   | -94.98      |
| 1-40-041-230-239 PW- Advertising               | 0.00        | 437.42      | 0.00      | 437.42                | 500.00      | 62.58       |

## Income Statement

For the period 2012/01/01 to 2012/12/31

|                  |                                 | December    | Year 2012   | Committed | Balance Period Budget | Unallocated | %Bal/Budget |
|------------------|---------------------------------|-------------|-------------|-----------|-----------------------|-------------|-------------|
| 1-40-041-230-241 | PW- Interest on DT Lease        | 470.76      | 3,196.69    | 0.00      | 3,198.69              | 3,000.00    | -198.69     |
| 1-40-041-230-249 | PW- MTO Sign Lease              | 0.00        | 260.00      | 0.00      | 260.00                | 520.00      | 260.00      |
| 1-40-041-240-011 | PW Roads Conta Capital          | -146,027.70 | -146,027.70 | 0.00      | -146,027.70           | 0.00        | 146,027.70  |
| 1-40-041-240-012 | PW Roads Amortization           | 81,955.68   | 81,955.68   | 0.00      | 81,955.68             | 0.00        | -81,955.68  |
| 1-40-041-240-251 | PW Capital                      | 0.00        | 146,027.70  | 0.00      | 146,027.70            | 146,036.00  | 8.30        |
| 1-40-041-300-303 | PW- Machine Maint. Costs        | 25,604.66   | 25,806.66   | 0.00      | 25,806.66             | 40,000.00   | 14,193.34   |
| 1-40-041-320-320 | PW- Hydro                       | 411.52      | 1,741.73    | 0.00      | 1,741.73              | 2,000.00    | 258.27      |
| 1-40-041-320-321 | PW- Natural Gas                 | 483.75      | 2,010.28    | 0.00      | 2,010.28              | 2,200.00    | 189.72      |
| 1-40-041-320-322 | PW- Water                       | 114.00      | 474.00      | 0.00      | 474.00                | 430.00      | -44.00      |
| 1-40-042-100-101 | PW Project Labour               | 0.00        | 209.40      | 0.00      | 209.40                | 0.00        | 209.40      |
| 1-40-042-130-130 | PW Project EI                   | 0.00        | 5.36        | 0.00      | 5.36                  | 0.00        | -5.36       |
| 1-40-042-130-131 | PW Project CPP                  | 0.00        | 9.49        | 0.00      | 9.49                  | 0.00        | -9.49       |
| 1-40-042-130-132 | PW Project EHT                  | 0.00        | 4.08        | 0.00      | 4.08                  | 0.00        | -4.08       |
| 1-40-042-130-133 | PW Project WSIB                 | 0.00        | 5.05        | 0.00      | 5.05                  | 0.00        | -5.05       |
| 1-40-042-130-141 | PW Project OMERS                | 0.00        | 9.30        | 0.00      | 9.30                  | 0.00        | -9.30       |
| 1-40-042-200-205 | PW Project- Machine Time        | 0.00        | 47.40       | 0.00      | 47.40                 | 0.00        | -47.40      |
| 1-40-043-100-101 | PW- Winter Labour               | 6,804.04    | 27,228.37   | 0.00      | 27,228.37             | 0.00        | -27,228.37  |
| 1-40-043-130-130 | PW/Winter EI                    | 57.04       | 637.84      | 0.00      | 637.84                | 0.00        | -637.84     |
| 1-40-043-130-131 | PW/Winter CPP                   | 137.11      | 1,175.64    | 0.00      | 1,175.64              | 0.00        | -1,175.64   |
| 1-40-043-130-132 | PW/Winter EHT                   | 68.44       | 511.78      | 0.00      | 511.78                | 0.00        | -511.78     |
| 1-40-043-130-133 | PW/Winter WSIB                  | 84.57       | 632.49      | 0.00      | 632.49                | 0.00        | -632.49     |
| 1-40-043-130-141 | PW/Winter OMERS                 | 256.70      | 1,955.78    | 0.00      | 1,955.78              | 0.00        | -1,955.78   |
| 1-40-043-200-205 | PW- Winter Machine Time         | 5,489.05    | 27,123.90   | 0.00      | 27,123.90             | 0.00        | -27,123.90  |
| 1-40-043-240-012 | PW/Winter Amortization          | 10,221.35   | 10,221.35   | 0.00      | 10,221.35             | 0.00        | -10,221.35  |
| 1-40-043-240-250 | PW - Winter Transfer to Reserve | 2,230.53    | 2,230.53    | 0.00      | 2,230.53              | 0.00        | -2,230.53   |
| 1-40-043-300-302 | PW- Winter Contracts            | 7,097.76    | 31,769.47   | 0.00      | 31,769.47             | 34,000.00   | 2,230.53    |
| 1-40-043-300-304 | PW- Winter Sand & Salt          | 5,768.00    | 15,044.69   | 0.00      | 15,044.69             | 6,000.00    | -9,044.69   |
| 1-40-044-100-101 | PW- Roadside Labour             | 517.57      | 14,311.12   | 0.00      | 14,311.12             | 0.00        | -14,311.12  |
| 1-40-044-130-130 | PW/Roadside EI                  | 10.28       | 362.71      | 0.00      | 362.71                | 0.00        | -362.71     |
| 1-40-044-130-131 | PW/Roadside CIP                 | 21.17       | 641.77      | 0.00      | 641.77                | 0.00        | -641.77     |
| 1-40-044-130-132 | PW/Roadside EHT                 | 10.10       | 279.08      | 0.00      | 279.08                | 0.00        | -279.08     |
| 1-40-044-130-133 | PW/Roadside WSIB                | 12.47       | 344.89      | 0.00      | 344.89                | 0.00        | -344.89     |
| 1-40-044-130-141 | PW/Roadside OMERS               | 27.89       | 683.27      | 0.00      | 683.27                | 0.00        | -683.27     |
| 1-40-044-200-205 | PW- Roadside Machine Time       | 273.50      | 9,918.15    | 0.00      | 9,918.15              | 0.00        | -9,918.15   |
| 1-40-044-300-303 | PW- Roadside Materials          | 0.00        | 513.12      | 0.00      | 513.12                | 1,000.00    | 486.88      |

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## Income Statement

For the period 2012/01/01 to 2012/12/31

|                  |                               | December | Year 2012 | Committed | Balance Period Budget | Unallocated %Bal/Budget |
|------------------|-------------------------------|----------|-----------|-----------|-----------------------|-------------------------|
| 1-40-045-100-101 | PW- Hardtop Labour            | 235.99   | 9,815.66  | 0.00      | 9,815.66              | 0.00                    |
| 1-40-045-130-130 | PW/ Hardtop EI                | 4.07     | 249.53    | 0.00      | 249.53                | 0.00                    |
| 1-40-045-130-131 | PW/ Hardtop CPP               | 10.59    | 444.82    | 0.00      | 444.82                | 0.00                    |
| 1-40-045-130-132 | PW/ Hardtop EHT               | 4.59     | 191.42    | 0.00      | 191.42                | 0.00                    |
| 1-40-045-130-133 | PW/ Hardtop WSIB              | 5.69     | 236.57    | 0.00      | 236.57                | 0.00                    |
| 1-40-045-130-141 | PW/ Hardtop OWNERS            | 12.80    | 597.98    | 0.00      | 597.98                | 0.00                    |
| 1-40-045-200-205 | PW- Hardtop Machine Time      | 156.00   | 12,407.00 | 0.00      | 12,407.00             | 0.00                    |
| 1-40-045-300-302 | PW- Hardtop Contracts         | 0.00     | 0.00      | 0.00      | 5,000.00              | 0.00                    |
| 1-40-045-300-303 | PW- Hardtop Materials         | 0.00     | 2,199.54  | 0.00      | 2,199.54              | 0.00                    |
| 1-40-046-100-101 | PW- Loosetop Labour           | 0.00     | 2,604.18  | 0.00      | 2,604.18              | 0.00                    |
| 1-40-046-130-130 | PW/ Loosetop EI               | 0.00     | 66.72     | 0.00      | 66.72                 | 0.00                    |
| 1-40-046-130-131 | PW/ Loosetop CPP              | 0.00     | 117.87    | 0.00      | 117.87                | 0.00                    |
| 1-40-046-130-132 | PW/ Loosetop EHT              | 0.00     | 50.79     | 0.00      | 50.79                 | 0.00                    |
| 1-40-046-130-133 | PW/ Loosetop WSIB             | 0.00     | 62.77     | 0.00      | 62.77                 | 0.00                    |
| 1-40-046-130-141 | PW/ Loosetop OWNERS           | 0.00     | 136.70    | 0.00      | 136.70                | 0.00                    |
| 1-40-046-200-205 | PW- Loosetop Machine Time     | 0.00     | 1,798.20  | 0.00      | 1,798.20              | 0.00                    |
| 1-40-046-300-303 | PW- Loosetop Materials        | 0.00     | 9,000.40  | 0.00      | 9,000.40              | 0.00                    |
| 1-40-047-100-101 | PW-Culverts&Bridges Labour    | 0.00     | 143.06    | 0.00      | 143.06                | 0.00                    |
| 1-40-047-130-130 | PW/ Culverts & Bridges EI     | 0.00     | 3.67      | 0.00      | 3.67                  | 0.00                    |
| 1-40-047-130-131 | PW/ Culverts & Bridges CPP    | 0.00     | 6.56      | 0.00      | 6.56                  | 0.00                    |
| 1-40-047-130-132 | PW/ Culverts & Bridges EHT    | 0.00     | 2.79      | 0.00      | 2.79                  | 0.00                    |
| 1-40-047-130-133 | PW/ Culverts & Bridges WSIB   | 0.00     | 3.45      | 0.00      | 3.45                  | 0.00                    |
| 1-40-047-130-141 | PW/ Culverts & Bridges OWNERS | 0.00     | 10.52     | 0.00      | 10.52                 | 0.00                    |
| 1-40-047-200-205 | PW-Culverts&Bridges Machine   | 0.00     | 39.00     | 0.00      | 39.00                 | 0.00                    |
| 1-40-047-300-303 | PW-Culverts&Bridges Materials | 0.00     | 264.02    | 0.00      | 264.02                | 0.00                    |
| 1-40-048-100-101 | PW-Roadsafety Labour          | 398.29   | 1,611.03  | 0.00      | 1,611.03              | 0.00                    |
| 1-40-048-130-130 | PW/ Roadsafety EI             | 0.00     | 37.46     | 0.00      | 37.46                 | 0.00                    |
| 1-40-048-130-131 | PW/ Roadsafety CPP            | 0.00     | 67.08     | 0.00      | 67.08                 | 0.00                    |
| 1-40-048-130-132 | PW/ Roadsafety EHT            | 2.60     | 31.09     | 0.00      | 31.09                 | 0.00                    |
| 1-40-048-130-133 | PW/ Roadsafety WSIB           | 3.21     | 38.44     | 0.00      | 38.44                 | 0.00                    |
| 1-40-048-130-141 | PW/ Roadsafety OWNERS         | 11.51    | 111.16    | 0.00      | 111.16                | 0.00                    |
| 1-40-048-200-205 | PW-Roadsafety Machine Time    | 118.50   | 375.25    | 0.00      | 375.25                | 0.00                    |
| 1-40-048-260-267 | PW-Roadsafety CNR Crossing    | 514.86   | 3,428.16  | 0.00      | 3,428.00              | -0.16                   |
| 1-40-048-300-303 | PW-Roadsafety Materials       | 0.00     | 329.05    | 0.00      | 500.00                | 170.95                  |
| 1-40-049-300-303 | PW-Sidewalk Materials(Summer) | 0.00     | 0.00      | 0.00      | 3,125.00              | 0.00                    |

## Income Statement

For the period 2012/01/01 to 2012/12/31

|  | December  | Year 2012 | Committed | Balance Period Budget | Unallocated %Bal/Budget |
|--|-----------|-----------|-----------|-----------------------|-------------------------|
| 1-40-050-100-101 PW- Grounds Labour            | 558.13    | 3,428.54  | 0.00      | 3,428.54              | 0.00                    |
| 1-40-050-130-130 PW Grounds EHT                | 10.90     | 84.45     | 0.00      | 84.45                 | 0.00                    |
| 1-40-050-130-131 PW Grounds CPP                | 20.23     | 150.70    | 0.00      | 150.70                | 0.00                    |
| 1-40-050-130-132 PW Grounds EHT                | 10.21     | 66.19     | 0.00      | 66.19                 | 0.00                    |
| 1-40-050-130-133 PW Grounds WSIB               | 12.63     | 81.81     | 0.00      | 81.81                 | 0.00                    |
| 1-40-050-130-141 PW Grounds OWNERS             | 23.44     | 173.50    | 0.00      | 173.50                | 0.00                    |
| 1-40-050-200-205 PW- Grounds-Machine Time      | 0.00      | 339.65    | 0.00      | 339.65                | 0.00                    |
| 1-40-050-300-303 PW- Grounds Materials         | -2,308.52 | 0.00      | 0.00      | 0.00                  | 0.00                    |
| 1-40-051-100-101 PW- Medical Centre Grounds    | 0.00      | 273.97    | 0.00      | 273.97                | 0.00                    |
| 1-40-051-130-130 PW- Storm Sewers EI           | 0.00      | 7.02      | 0.00      | 7.02                  | 0.00                    |
| 1-40-051-130-131 PW- Storm Sewers CPP          | 0.00      | 12.61     | 0.00      | 12.61                 | 0.00                    |
| 1-40-051-130-132 PW- Storm Sewers EHT          | 0.00      | 5.34      | 0.00      | 5.34                  | 0.00                    |
| 1-40-051-130-133 PW- Storm Sewers WSIB         | 0.00      | 6.60      | 0.00      | 6.60                  | 0.00                    |
| 1-40-051-130-141 PW- Storm Sewers OWNERS       | 0.00      | 16.80     | 0.00      | 16.80                 | 0.00                    |
| 1-40-051-300-302 PW- Storm Sewers (Contract)   | 0.00      | 1,602.72  | 0.00      | 1,602.72              | 2,000.00                |
| 1-40-052-100-101 PW-Fire Hydrants Labour       | 0.00      | 1,272.95  | 0.00      | 1,272.95              | 0.00                    |
| 1-40-052-130-130 PW-Fire Hydrants EI           | 0.00      | 29.36     | 0.00      | 29.36                 | 0.00                    |
| 1-40-052-130-131 PW-Fire Hydrants CPP          | 0.00      | 58.31     | 0.00      | 58.31                 | 0.00                    |
| 1-40-052-130-132 PW-Fire Hydrant EHT           | 0.00      | 24.84     | 0.00      | 24.84                 | 0.00                    |
| 1-40-052-130-133 PW-Fire Hydrants WSIB         | 0.00      | 30.67     | 0.00      | 30.67                 | 0.00                    |
| 1-40-052-130-141 PW-Fire Hydrants OWNERS       | 0.00      | 53.73     | 0.00      | 53.73                 | 0.00                    |
| 1-40-052-200-205 PW-Fire Hydrants Machine Time | 0.00      | 209.35    | 0.00      | 209.35                | 0.00                    |
| 1-40-053-100-101 PW-Garage- Labour             | 3,340.33  | 12,164.58 | 0.00      | 12,164.58             | 0.00                    |
| 1-40-053-130-130 PW-Garage EI                  | 41.50     | 288.55    | 0.00      | 288.55                | 0.00                    |
| 1-40-053-130-131 PW-Garage CPP                 | 104.20    | 551.09    | 0.00      | 551.09                | 0.00                    |
| 1-40-053-130-132 PW-Garage EHT                 | 47.54     | 240.47    | 0.00      | 240.47                | 0.00                    |
| 1-40-053-130-133 PW-Garage WSIB                | 58.74     | 297.13    | 0.00      | 297.13                | 0.00                    |
| 1-40-053-130-141 PW-Garage OWNERS              | 143.32    | 731.08    | 0.00      | 731.08                | 0.00                    |
| 1-40-053-300-303 PW-Garage Supplies            | 311.37    | 4,234.02  | 0.00      | 4,234.02              | 8,000.00                |
| 1-40-053-300-314 PW-Diesel Fuel                | -192.56   | 5,521.94  | 0.00      | 5,521.94              | 5,200.00                |
| 1-40-053-330-330 PW-Garage Maintenance         | 2,308.52  | 2,462.17  | 0.00      | 2,462.17              | 3,000.00                |
| 1-40-054-100-100 Crossing Guards- Salaries     | 1,449.47  | 10,627.46 | 0.00      | 10,627.46             | 11,600.00               |
| 1-40-054-130-130 Crossing Guards- EI           | 26.91     | 269.20    | 0.00      | 269.20                | 300.00                  |
| 1-40-054-130-131 Crossing Guards- CPP          | 18.86     | 193.47    | 0.00      | 193.47                | 200.00                  |
| 1-40-054-130-132 Crossing Guards- EHT          | 20.48     | 204.84    | 0.00      | 204.84                | 250.00                  |

## Income Statement

For the period 2012/01 to 2012/12/31

|                      |   | December          | Year 2012         | Committed   | Balance Period Budget | Unallocated       | %Baff/Budget      |
|----------------------|---|-------------------|-------------------|-------------|-----------------------|-------------------|-------------------|
| 1-40-054-130-133     | Crossing Guards- WSIB                   | 25.32             | 253.22            | 0.00        | 253.22                | 300.00            | 46.78             |
| 1-40-054-150-151     | Crossing Guards- Clothing               | 0.00              | 291.00            | 0.00        | 291.00                | 200.00            | -91.00            |
| 1-40-054-300-303     | Crossing Guards- Supplies               | 0.00              | 48.34             | 0.00        | 48.34                 | 50.00             | 1.66              |
| 1-40-055-100-101     | Street Lights- Labour                   | 105.22            | 951.51            | 0.00        | 951.51                | 0.00              | -951.51           |
| 1-40-055-130-130     | PW Street Lights EI                     | 0.00              | 21.70             | 0.00        | 21.70                 | 0.00              | -21.70            |
| 1-40-055-130-131     | PW Street Lights CPP                    | 1.77              | 40.89             | 0.00        | 40.89                 | 0.00              | -40.89            |
| 1-40-055-130-132     | PW Street Lighting EHT                  | 2.05              | 18.55             | 0.00        | 18.55                 | 0.00              | -18.55            |
| 1-40-055-130-133     | PW Street Lighting WSIB                 | 2.54              | 22.95             | 0.00        | 22.95                 | 0.00              | -22.95            |
| 1-40-055-130-141     | PW Street Lighting OWNERS               | 8.79              | 81.43             | 0.00        | 81.43                 | 0.00              | -81.43            |
| 1-40-055-200-205     | Street Lights- Machine Time             | 11.85             | 431.85            | 0.00        | 431.85                | 0.00              | -431.85           |
| 1-40-055-240-012     | PW Streetlights Amortization Expense    | 1,105.93          | 1,105.93          | 0.00        | 1,105.93              | 0.00              | -1,105.93         |
| 1-40-055-300-302     | Street Lights- Contracts                | 1,831.68          | 1,831.68          | 0.00        | 1,831.68              | 1,000.00          | -831.68           |
| 1-40-055-300-303     | PW- Streets Lights Materials & Supplies | 0.00              | 2,102.46          | 0.00        | 2,102.46              | 2,000.00          | -102.46           |
| 1-40-055-320-320     | PW-Street Lighting Energy               | 5,205.17          | 26,944.18         | 0.00        | 28,944.18             | 27,000.00         | -1,944.18         |
| X 1-40-057-260-333   | Airport-SR Share see! 40056504528       | 0.00              | 8,188.73          | 0.00        | 8,188.73              | 9,394.00          | 1,205.27          |
| Transportation (40)  |   | 37,744.74         | 469,092.62        | 0.00        | 469,092.62            | 518,295.00        | 49,202.38         |
| General. (1)         |   | 37,744.74         | 469,092.62        | 0.00        | 469,092.62            | 518,295.00        | 90.51             |
| Expense              |   | 37,744.74         | 469,092.62        | 0.00        | 469,092.62            | 518,295.00        | 49,202.38         |
| <b>Report Totals</b> |   | <b>-72,563.54</b> | <b>224,442.05</b> | <b>0.00</b> | <b>224,442.05</b>     | <b>332,402.00</b> | <b>107,959.95</b> |
|                      |   |                   |                   |             |                       |                   | <b>67.52</b>      |

## Income Statement

For the period 2013/01/01 to 2013/12/12

|  |          | December  | Year 2013 | Committed | Balance Period Budget | Unallocated %Bal/Budget |
|--|----------|-----------|-----------|-----------|-----------------------|-------------------------|
| <b>Revenue</b>                                 |          |           |           |           |                       |                         |
| <b>General. (1)</b>                            |          |           |           |           |                       |                         |
| <b>Transportation (40)</b>                     |          |           |           |           |                       |                         |
| 1-40-041-501-500 PW - Summer Student           | 0.00     | -558.00   | 0.00      | -558.00   | -720.00               | -162.00                 |
| 1-40-041-530-515 PW-Street Machine Net Revenue | 0.00     | 0.00      | 0.00      | 0.00      | -8,500.00             | -8,500.00               |
| 1-40-041-530-516 PW- Misc Streets Revenue      | 0.00     | -7,931.90 | 0.00      | -7,931.90 | -25,000.00            | -17,068.10              |
| <b>Transportation (40)</b>                     | 0.00     | -8,489.90 | 0.00      | -8,489.90 | -34,220.00            | -25,730.10              |
| <b>General. (1)</b>                            | 0.00     | -8,489.90 | 0.00      | -8,489.90 | -34,220.00            | -25,730.10              |
| <b>Revenue</b>                                 | 0.00     | -8,489.90 | 0.00      | -8,489.90 | -34,220.00            | -25,730.10              |
| <b>Expense</b>                                 |          |           |           |           |                       |                         |
| <b>General. (1)</b>                            |          |           |           |           |                       |                         |
| <b>Transportation (40)</b>                     |          |           |           |           |                       |                         |
| 1-40-041-100-101 PW- Full Time Salaries        | 1,520.16 | 23,564.13 | 0.00      | 23,564.13 | 135,678.00            | 112,113.87              |
| 1-40-041-130-130 PW- EI                        | 22.07    | 652.41    | 0.00      | 652.41    | 3,570.00              | 2,917.59                |
| 1-40-041-130-131 PW- CPP                       | 45.56    | 1,230.97  | 0.00      | 1,230.97  | 6,270.00              | 5,039.03                |
| 1-40-041-130-132 PW- EHT                       | 29.65    | 542.19    | 0.00      | 542.19    | 2,646.00              | 2,103.81                |
| 1-40-041-130-133 PW-WSIB                       | 37.39    | 683.96    | 0.00      | 683.96    | 3,340.00              | 2,656.04                |
| 1-40-041-130-136 PW- Green Shields Insurance   | 0.00     | 8,350.64  | 0.00      | 8,350.64  | 10,500.00             | 2,149.36                |
| 1-40-041-130-138 PW- Eye Glass Benefit         | 0.00     | 0.00      | 0.00      | 0.00      | 300.00                | 0.00                    |
| 1-40-041-130-141 PW- OMERS Pension             | 140.98   | 3,260.76  | 0.00      | 3,260.76  | 12,280.00             | 9,019.24                |
| 1-40-041-150-151 PW- Clothing & Safety         | 270.16   | 922.26    | 0.00      | 922.26    | 2,000.00              | 1,077.74                |
| 1-40-041-160-160 PW- Mileage                   | 0.00     | 46.93     | 0.00      | 46.93     | 200.00                | 153.07                  |
| 1-40-041-160-162 PW- Education                 | 0.00     | 404.61    | 0.00      | 404.61    | 500.00                | 95.39                   |
| 1-40-041-160-165 PW- Associations              | 0.00     | 714.92    | 0.00      | 714.92    | 715.00                | 0.08                    |
| 1-40-041-220-220 PW- Telephones & Radio        | 205.29   | 3,118.75  | 0.00      | 3,118.75  | 3,600.00              | 481.25                  |
| 1-40-041-220-224 PW-Internet                   | 0.00     | 973.77    | 0.00      | 973.77    | 1,000.00              | 26.23                   |
| 1-40-041-220-225 PW- Postage & Courier         | 0.00     | 41.48     | 0.00      | 41.48     | 50.00                 | 8.52                    |
| 1-40-041-230-230 PW- Computer & Supplies       | 0.00     | 1,169.16  | 0.00      | 1,169.16  | 1,369.00              | 199.84                  |
| 1-40-041-230-232 PW- Office Supplies           | 0.00     | 76.22     | 0.00      | 76.22     | 200.00                | 123.78                  |
| 1-40-041-230-235 PW- Insurance                 | 0.00     | 11,895.58 | 0.00      | 11,895.58 | 11,700.00             | -195.58                 |
| 1-40-041-230-239 PW- Advertising               | 0.00     | 102.57    | 0.00      | 102.57    | 500.00                | 397.43                  |
| 1-40-041-230-241 PW- Interest on DT Lease      | 0.00     | 4,276.72  | 0.00      | 4,276.72  | 5,035.00              | 759.28                  |
| 1-40-041-230-242 PW- Principal DT Lease        | 0.00     | 22,364.08 | 0.00      | 22,364.08 | 28,933.00             | 6,568.92                |
| 1-40-041-230-249 PW- MTO Sign Lease            | 0.00     | 300.00    | 0.00      | 300.00    | 300.00                | 0.00                    |

## Income Statement

### Village of South River

For the Period 2013/01/01 to 2013/12/12

|                  |                           | December  | Year 2013 | Committed | Balance Period Budget | Unallocated %Bal/Budget |
|------------------|---------------------------|-----------|-----------|-----------|-----------------------|-------------------------|
| 1-40-041-240-251 | PW Capital                | 11,025.70 | 18,052.23 | 0.00      | 18,052.23             | 0.77                    |
| 1-40-041-300-303 | PW- Machine Maint. Costs  | 0.00      | 0.00      | 0.00      | 30,000.00             | 0.00                    |
| 1-40-041-320-320 | PW- Hydro                 | 0.00      | 1,733.97  | 0.00      | 2,000.00              | 266.03                  |
| 1-40-041-320-321 | PW- Natural Gas           | 0.00      | 1,728.32  | 0.00      | 2,200.00              | 471.68                  |
| 1-40-041-320-322 | PW- Water                 | 76.00     | 418.00    | 0.00      | 500.00                | 82.00                   |
| 1-40-042-100-101 | PW Project Labour         | 0.00      | 137.45    | 0.00      | 137.45                | -137.45                 |
| 1-40-042-130-130 | PW Project EI             | 0.00      | 3.62      | 0.00      | 3.62                  | -3.62                   |
| 1-40-042-130-131 | PW Project CPP            | 0.00      | 6.40      | 0.00      | 6.40                  | -6.40                   |
| 1-40-042-130-132 | PW Project EHT            | 0.00      | 2.68      | 0.00      | 2.68                  | -2.68                   |
| 1-40-042-130-133 | PW Project WSIB           | 0.00      | 3.38      | 0.00      | 3.38                  | -3.38                   |
| 1-40-042-130-141 | PW Project OMERS          | 0.00      | 13.18     | 0.00      | 13.18                 | -13.18                  |
| 1-40-042-200-205 | PW Project- Machine Time  | 0.00      | 47.40     | 0.00      | 47.40                 | -47.40                  |
| 1-40-042-300-302 | PW Project- Contracts     | 0.00      | 1,036.78  | 0.00      | 1,036.78              | 10.37                   |
| 1-40-042-300-303 | PW Project- Materials     | 0.00      | 7,394.28  | 0.00      | 7,394.28              | 8,963.22                |
| 1-40-043-100-101 | PW- Winter Labour         | 1,462.09  | 22,676.93 | 0.00      | 22,676.93             | 0.00                    |
| 1-40-043-130-130 | PW- Winter EI             | 16.54     | 655.25    | 0.30      | 655.25                | 0.00                    |
| 1-40-043-130-131 | PW Winter CPP             | 34.52     | 1,154.35  | 0.00      | 1,154.35              | 0.00                    |
| 1-40-043-130-132 | PW Winter EHT             | 28.52     | 504.42    | 0.00      | 504.42                | 0.00                    |
| 1-40-043-130-133 | PW Winter WSIB            | 35.97     | 636.33    | 0.00      | 636.33                | 0.00                    |
| 1-40-043-130-141 | PW Winter OMERS           | 135.91    | 2,152.77  | 0.00      | 2,152.77              | 0.00                    |
| 1-40-043-200-205 | PW- Winter Machine Time   | 0.00      | 20,476.85 | 0.00      | 20,476.85             | -20,476.85              |
| 1-40-043-300-302 | PW- Winter Contracts      | 3,205.44  | 25,523.96 | 0.00      | 25,523.96             | 25,000.00               |
| 1-40-043-300-304 | PW- Winter Sand & Salt    | 0.00      | 9,529.61  | 0.00      | 9,529.61              | 7,000.00                |
| 1-40-044-100-101 | PW- Roadside Labour       | 0.00      | 10,935.92 | 0.00      | 10,935.92             | 0.00                    |
| 1-40-044-130-130 | PW- Roadside EI           | 0.00      | 287.82    | 0.00      | 287.82                | 0.00                    |
| 1-40-044-130-131 | PW Roadside CPP           | 0.00      | 433.71    | 0.00      | 433.71                | 0.00                    |
| 1-40-044-130-132 | PW Roadside EHT           | 0.00      | 213.26    | 0.00      | 213.26                | 0.00                    |
| 1-40-044-130-133 | PW Roadside WSIB          | 0.00      | 269.01    | 0.00      | 269.01                | 0.00                    |
| 1-40-044-130-141 | PW Roadside OMERS         | 0.00      | 763.13    | 0.00      | 763.13                | -763.13                 |
| 1-40-044-200-205 | PW- Roadside Machine Time | 0.00      | 8,084.90  | 0.00      | 8,084.90              | -433.71                 |
| 1-40-044-300-303 | PW- Roadside Materials    | 0.00      | 0.00      | 0.00      | 1,000.00              | -213.26                 |
| 1-40-045-100-101 | PW- Hardtop Labour        | 0.00      | 7,640.96  | 0.00      | 7,640.96              | -269.01                 |
| 1-40-045-130-130 | PW Hardtop EI             | 0.00      | 201.08    | 0.00      | 201.08                | -763.13                 |
| 1-40-045-130-131 | PW Hardtop CPP            | 0.00      | 331.13    | 0.00      | 331.13                | -201.08                 |
| 1-40-045-130-132 | PW Hardtop EHT            | 0.00      | 148.97    | 0.00      | 148.97                | -331.13                 |

## Income Statement

For the period 2013/01/01 to 2013/12/12

|                  |                               | December | Year 2013 | Committed | Balance Period Budget | Unallocated | %Bal/Budget |
|------------------|-------------------------------|----------|-----------|-----------|-----------------------|-------------|-------------|
| 1-40-045-130-133 | PW Hardtop WSIB               | 0.00     | 187.92    | 0.00      | 187.92                | 0.00        | -187.92     |
| 1-40-045-130-141 | PW Hardtop OMERS              | 0.00     | 465.07    | 0.00      | 465.07                | 0.00        | -465.07     |
| 1-40-045-200-205 | PW- Hardtop Machine Time      | 0.00     | 8,930.70  | 0.00      | 8,930.70              | 0.00        | -8,930.70   |
| 1-40-045-300-302 | PW- Hardtop Contracts         | 0.00     | 0.00      | 0.00      | 5,000.00              | 5,000.00    | 0.00        |
| 1-40-045-340-303 | PW- Hardtop Materials         | 0.00     | 0.00      | 0.00      | 2,500.00              | 2,500.00    | 0.00        |
| 1-40-046-100-101 | PW- Loosetop Labour           | 0.00     | 3,081.88  | 0.00      | 3,081.88              | 0.00        | -3,081.88   |
| 1-40-046-130-130 | PW Loosetop EI                | 0.00     | 81.11     | 0.00      | 81.11                 | 0.00        | -81.11      |
| 1-40-046-130-131 | PW Loosetop CPP               | 0.00     | 141.98    | 0.00      | 141.98                | 0.00        | -141.98     |
| 1-40-046-130-132 | PW Loosetop EHT               | 0.00     | 60.10     | 0.00      | 60.10                 | 0.00        | -60.10      |
| 1-40-046-130-133 | PW Loosetop WSIB              | 0.00     | 75.81     | 0.00      | 75.81                 | 0.00        | -75.81      |
| 1-40-046-130-141 | PW Loosetop OMERS             | 0.00     | 271.10    | 0.00      | 271.10                | 0.00        | -271.10     |
| 1-40-046-200-205 | PW- Loosetop Machine Time     | 0.00     | 2,064.60  | 0.00      | 2,064.60              | 0.00        | -2,064.60   |
| 1-40-046-300-303 | PW- Loosetop Materials        | 0.00     | 9,978.29  | 0.00      | 9,978.29              | 9,000.00    | -978.29     |
| 1-40-047-100-101 | PW-Culverts&Bridges Labour    | 0.00     | 196.57    | 0.00      | 196.57                | 0.00        | -196.57     |
| 1-40-047-130-130 | PW Culvert & Bridges EI       | 0.00     | 5.17      | 0.00      | 5.17                  | 0.00        | -5.17       |
| 1-40-047-130-131 | PW Culverts & Bridges CPP     | 0.00     | 8.95      | 0.00      | 8.95                  | 0.00        | -8.95       |
| 1-40-047-130-132 | PW Culverts & Bridges EHT     | 0.00     | 3.84      | 0.00      | 3.84                  | 0.00        | -3.84       |
| 1-40-047-130-133 | PW Culverts & Bridges WSIB    | 0.00     | 4.83      | 0.00      | 4.83                  | 0.00        | -4.83       |
| 1-40-047-130-141 | PW Culverts & Bridges OMERS   | 0.00     | 17.03     | 0.00      | 17.03                 | 0.00        | -17.03      |
| 1-40-047-200-205 | PW-Culverts&Bridges Machine   | 0.00     | 225.85    | 0.00      | 225.85                | 0.00        | -225.85     |
| 1-40-047-300-302 | PW-Culverts&Bridges Contracts | 0.00     | 0.00      | 0.00      | 1,500.00              | 1,500.00    | 0.00        |
| 1-40-047-300-303 | PW-Roadsafety Materials       | 0.00     | 0.00      | 0.00      | 1,000.00              | 1,000.00    | 0.00        |
| 1-40-048-100-101 | PW-Roadsafety Labour          | 208.69   | 1,918.43  | 0.00      | 1,918.43              | 0.00        | -1,918.43   |
| 1-40-048-130-130 | PW-Roadsafety EI              | 4.29     | 54.45     | 0.00      | 54.45                 | 0.00        | -54.45      |
| 1-40-048-130-131 | PW-Roadsafety CPP             | 7.26     | 97.95     | 0.00      | 97.95                 | 0.00        | -97.95      |
| 1-40-048-130-132 | PW-Roadsafety EHT             | 4.06     | 42.57     | 0.00      | 42.57                 | 0.00        | -42.57      |
| 1-40-048-130-133 | PW-Roadsafety WSIB            | 5.14     | 53.72     | 0.00      | 53.72                 | 0.00        | -53.72      |
| 1-40-048-130-141 | PW-Roadsafety OMERS           | 18.64    | 191.69    | 0.00      | 191.69                | 0.00        | -191.69     |
| 1-40-048-200-205 | PW-Roadsafety Machine Time    | 0.00     | 509.55    | 0.00      | 509.55                | 0.00        | -509.55     |
| 1-40-048-260-267 | PW-Roadsafety CNR Crossing    | 297.10   | 3,030.08  | 0.00      | 3,030.08              | 3,428.00    | 397.92      |
| 1-40-048-300-303 | PW-Roadsafety Materials       | 0.00     | 419.75    | 0.00      | 419.75                | 750.00      | 330.25      |
| 1-40-048-100-101 | PW-Sidewalks Labour(Summer)   | 0.00     | 255.50    | 0.00      | 255.50                | 0.00        | -255.50     |
| 1-40-048-130-130 | PW-Sidewalks EI               | 0.00     | 6.73      | 0.00      | 6.73                  | 0.00        | -6.73       |
| 1-40-048-130-131 | PW-Sidewalks CPP              | 0.00     | 11.82     | 0.00      | 11.82                 | 0.00        | -11.82      |
| 1-40-048-130-132 | PW-Sidewalks EHT              | 0.00     | 4.98      | 0.00      | 4.98                  | 0.00        | -4.98       |

## Income Statement

For the period 2013/01/01 to 2013/12/12

|                  |                               | December | Year 2013 | Committed | Balance Period Budget | Unallocated | %Bal/Budget |
|------------------|-------------------------------|----------|-----------|-----------|-----------------------|-------------|-------------|
| 1-40-048-130-133 | PW Sidewalks WSIB             | 0.00     | 6.28      | 0.00      | 6.28                  | 0.00        | -6.28       |
| 1-40-049-130-141 | PW Sidewalk OMERS             | 0.00     | 22.72     | 0.00      | 22.72                 | 0.00        | -22.72      |
| 1-40-049-200-205 | PW-Sidewalk Machine Time(Sum) | 0.00     | 67.15     | 0.00      | 67.15                 | 0.00        | -67.15      |
| 1-40-049-300-303 | PW-Sidewalk Materials(Summer) | 0.00     | 88.16     | 0.00      | 68.16                 | 3,125.00    | 3,056.84    |
| 1-40-050-100-101 | PW- Grounds Labour            | 371.08   | 1,203.88  | 0.00      | 1,203.88              | 0.00        | -1,203.88   |
| 1-40-050-130-130 | PW Grounds EI                 | 9.28     | 32.08     | 0.00      | 32.08                 | 0.00        | -32.08      |
| 1-40-050-130-131 | PW Grounds CPP                | 16.37    | 52.83     | 0.00      | 52.83                 | 0.00        | -52.83      |
| 1-40-050-130-132 | PW Grounds EHT                | 7.23     | 24.11     | 0.00      | 24.11                 | 0.00        | -24.11      |
| 1-40-050-130-133 | PW Grounds WSIB               | 9.13     | 30.43     | 0.00      | 30.43                 | 0.00        | -30.43      |
| 1-40-050-130-141 | PW Grounds OMERS              | 31.96    | 100.95    | 0.00      | 100.95                | 0.00        | -100.95     |
| 1-40-050-200-205 | PW- Grounds-Machine Time      | 0.00     | 373.20    | 0.00      | 373.20                | 0.00        | -373.20     |
| 1-40-051-100-101 | PW- Medical Centre Grounds    | 0.00     | 157.36    | 0.00      | 157.36                | 0.00        | -157.36     |
| 1-40-051-130-130 | PW Storm Sewers EI            | 0.00     | 4.14      | 0.00      | 4.14                  | 0.00        | -4.14       |
| 1-40-051-130-131 | PW Storm Sewers CPP           | 0.00     | 7.27      | 0.00      | 7.27                  | 0.00        | -7.27       |
| 1-40-051-130-132 | PW Storm Sewers EHT           | 0.00     | 3.07      | 0.00      | 3.07                  | 0.00        | -3.07       |
| 1-40-051-130-133 | PW Storm Sewers WSIB          | 0.00     | 3.87      | 0.00      | 3.87                  | 0.00        | -3.87       |
| 1-40-051-130-141 | PW Storm Sewers OMERS         | 0.00     | 14.45     | 0.00      | 14.45                 | 0.00        | -14.45      |
| 1-40-051-300-302 | PW- Storm Sewers (Contract)   | 0.00     | 1,648.51  | 0.00      | 1,648.51              | 2,000.00    | 351.49      |
| 1-40-052-100-101 | PW-Fire Hydrants Labour       | 0.00     | 716.93    | 0.00      | 716.93                | 0.00        | -716.93     |
| 1-40-052-130-130 | PW- Fire Hydrants EI          | 0.00     | 18.86     | 0.00      | 18.86                 | 0.00        | -18.86      |
| 1-40-052-130-131 | PW- Fire Hydrants CPP         | 0.00     | 33.12     | 0.00      | 33.12                 | 0.00        | -33.12      |
| 1-40-052-130-132 | PW- Fire Hydrant EHT          | 0.00     | 13.98     | 0.00      | 13.98                 | 0.00        | -13.98      |
| 1-40-052-130-133 | PW- Fire Hydrants WSIB        | 0.00     | 17.64     | 0.00      | 17.64                 | 0.00        | -17.64      |
| 1-40-052-130-141 | PW- Fire Hydrants OMERS       | 0.00     | 63.19     | 0.00      | 63.19                 | 0.00        | -63.19      |
| 1-40-052-200-205 | PW-Fire Hydrants Machine Time | 0.00     | 138.26    | 0.00      | 138.26                | 0.00        | -138.25     |
| 1-40-052-300-303 | PW-Fire Hydrants Materials    | 0.00     | 75.56     | 0.00      | 75.56                 | 650.00      | 574.44      |
| 1-40-053-100-101 | PW Garage- Labour             | 1,422.01 | 14,278.33 | 0.00      | 14,278.33             | 0.00        | -14,278.33  |
| 1-40-053-130-130 | PW Garage- EI                 | 25.03    | 383.73    | 0.00      | 383.73                | 0.00        | -383.73     |
| 1-40-053-130-131 | PW Garage CPP                 | 51.98    | 655.95    | 0.00      | 655.95                | 0.00        | -655.95     |
| 1-40-053-130-132 | PW Garage EHT                 | 27.73    | 295.41    | 0.00      | 295.41                | 0.00        | -295.41     |
| 1-40-053-130-133 | PW Garage WSIB                | 34.98    | 372.71    | 0.00      | 372.71                | 0.00        | -372.71     |
| 1-40-053-130-141 | PW Garage OMERS               | 128.39   | 1,109.27  | 0.00      | 1,109.27              | 0.00        | -1,109.27   |
| 1-40-053-300-303 | PW- Garage Supplies           | 285.59   | 4,532.42  | 0.00      | 4,532.42              | 6,000.00    | 1,467.58    |
| 1-40-053-300-314 | PW- Diesel Fuel               | 0.00     | 4,967.63  | 0.00      | 4,967.63              | 6,500.00    | 1,532.37    |
| 1-40-053-330-330 | PW- Garage Maintenance        | 0.00     | 89.03     | 0.00      | 89.03                 | 3,000.00    | 2,910.97    |

Thursday December 12, 2013 10:41:35 AM (stern)

## Income Statement

For the period 2013/01/01 to 2013/12/31

|                      |                           | December         | Year 2013         | Committed   | Balance Period Budget | Unallocated       | %Bal/Budget      |
|----------------------|---------------------------|------------------|-------------------|-------------|-----------------------|-------------------|------------------|
| 1-40-054-100-100     | Crossing Guards- Salaries | 525.50           | 9,927.55          | 0.00        | 9,927.55              | 11,000.00         | 1,072.45         |
| 1-40-054-130-130     | Crossing Guards- EI       | 13.85            | 271.91            | 0.00        | 271.91                | 300.00            | 28.09            |
| 1-40-054-130-131     | Crossing Guards- CPP      | 7.33             | 192.93            | 0.00        | 192.93                | 200.00            | 7.07             |
| 1-40-054-130-132     | Crossing Guards- EHT      | 10.25            | 201.27            | 0.00        | 201.27                | 250.00            | 48.73            |
| 1-40-054-130-133     | Crossing Guards- WSIB     | 12.91            | 253.94            | 0.00        | 253.94                | 300.00            | 46.06            |
| 1-40-054-150-151     | Crossing Guards- Clothing | 0.00             | 245.31            | 0.00        | 245.31                | 200.00            | -45.31           |
| 1-40-054-300-303     | Crossing Guards- Supplies | 0.00             | 58.61             | 0.00        | 58.61                 | 50.00             | -8.61            |
| 1-40-055-300-302     | Street Lights- Contracts  | 0.00             | 3,308.22          | 0.00        | 3,308.22              | 3,000.00          | -308.22          |
| 1-40-055-320-320     | PW-Street Lighting Energy | 0.00             | 26,911.46         | 0.00        | 26,911.46             | 30,000.00         | 3,088.54         |
| Transportation (40)  |                           | 21,827.73        | 333,240.85        | 0.00        | 333,240.85            | 423,392.00        | 78.71            |
| General. (1)         |                           | 21,827.73        | 333,240.85        | 0.00        | 333,240.85            | 423,392.00        | 90,151.15        |
| Expense              |                           | 21,827.73        | 333,240.85        | 0.00        | 333,240.85            | 423,392.00        | 90,151.15        |
| <b>Report Totals</b> |                           | <b>21,827.73</b> | <b>324,750.95</b> | <b>0.00</b> | <b>324,750.95</b>     | <b>389,172.00</b> | <b>64,421.05</b> |
|                      |                           |                  |                   |             |                       |                   | <b>83.45</b>     |

## Village of South River

**APPENDIX E**

**Summary of Watermains  
and Appurtenances**

# **South River Public Works**

P.O. Box 310  
3 Industrial Park Road  
South River, Ont. P0A 1X0  
Canada

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Phone 705-386-0245  
Fax 705-386-0702

June 18, 2013

## **Water Mains**

| Type       | 50m m | 100m m | 150m m | 200m m | 250m m | 300m m | Total Length |
|------------|-------|--------|--------|--------|--------|--------|--------------|
| Cast Iron  | 0     | 1948   | 5566   | 0      | 0      | 0      | 7514m        |
| AC         | 0     | 0      | 2405   | 0      | 0      | 0      | 2405 m       |
| PVC        | 55    | 0      | 1387   | 480    | 1692   | 672    | 4286 m       |
| Galvanized | 151   | 0      | 0      | 0      | 0      | 0      | 151 m        |

**Total 14357 m**

## **Valve Chambers**

Total = 8

## **South River Water Distribution**

### **Dates of Construction**

- All cast iron mains were installed 1950-51.
- Riverside Ave. Extension (6" PVC) installed 2000.
- 10", 12" and 8" to Foodland (PVC) installed 1982.
- Dublin Street (6" AC) installed 1974.
- Main Street (6" PVC) installed 2000.
- Ottawa Ave (8" PVC) installed 1992.
- Poplar/Grant (6" AC) installed 1974.
- Johnson/Kilpper Dr. (6" AC) installed 1973.
- Fitz Ave./Alfred/Tebby (6" AC) installed 1967.
- Cedar Crt. (6" PVC) installed 1990.

# Fire Hydrants

|                  |           |           |            |
|------------------|-----------|-----------|------------|
| 001 Canada Valve | S-300     | 00002 Yes | 1950-06-06 |
| 002 Canada Valve | Century   | 00003 Yes | 1950-06-06 |
| 003 Concord      | D-67-M    | 00003 Yes | 1990-06-06 |
| 004 Canada Valve | B-50-B-18 | 00002 Yes | 1967-06-06 |
| 005 Canada Valve | B-50-B-24 | 00002 Yes | 1967-06-06 |
| 006 Canada Valve | Century   | 00003 Yes | 1920-06-06 |
| 007 Canada Valve | B-50-B-24 | 00002 Yes | 1967-06-06 |
| 008 Canada Valve | B-50-B    | 00002 Yes | 1967-06-06 |
| 009 Canada Valve | B-50-B    | 00002 Yes | 1950-06-06 |
| 010 Canada Valve | B-50-B    | 00002 No  | 1950-06-06 |
| 011 Canada Valve | B-50-B    | 00002 No  | 1950-06-06 |
| 012 Canada Valve | B-50-B    | 00002 Yes | 1950-06-06 |
| 013 Canada Valve | B-50-B-24 | 00002 Yes | 1973-06-06 |
| 014 Canada Valve | Century   | 00003 Yes | 1973-06-06 |
| 015 Canada Valve |           | 00002 Yes | 1973-06-06 |
| 016 Canada Valve |           | 00002 Yes | 1974-06-06 |
| 017 Canada Valve |           | 00002 Yes | 1974-06-06 |
| 018 Canada Valve |           | 00002 Yes | 1974-06-06 |
| 019 Canada Valve |           | 00002 Yes | 1950-06-06 |
| 020 Canada Valve | Century   | 00002 Yes | 2000-06-06 |
| 021 Canada Valve |           | 00002 No  | 1950-06-06 |
| 022 Canada Valve |           | 00002 Yes | 1950-06-06 |
| 023 Canada Valve |           | 00002 No  | 1950-06-06 |
| 024 Concord      |           | 00003 Yes | 1982-06-06 |
| 025 Canada Valve |           | 00002 No  | 1950-06-06 |
| 026 Concord      |           | 00003 Yes | 1982-06-06 |
| 027 Canada Valve |           | 00002 No  | 1950-06-06 |
| 028 Canada Valve |           | 00002 No  | 1950-06-06 |
| 029 Canada Valve |           | 00002 Yes | 1950-06-06 |
| 030 Canada Valve |           | 00002 No  | 1950-06-06 |
| 031 Concord      | D-67-M    | 00003 Yes | 1982-06-06 |
| 032 Concord      | D-67-M    | 00003 Yes | 1982-06-06 |
| 033 Concord      | D-67-M    | 00003 Yes | 1982-06-06 |
| 034 Canada Valve |           | 00002 No  | 1950-06-06 |
| 035 Concord      | D-67-M    | 00003 Yes | 1982-06-06 |
| 036 Canada Valve |           | 00002 No  | 1950-06-06 |
| 037 Canada Valve |           | 00002 No  | 1950-06-06 |
| 36-BCanada Valve |           | 00003 Yes | 2003-10-20 |
| 038 Canada Valve |           | 00002 No  | 1950-06-06 |
| 039 Canada Valve | Century   | 00003 Yes | 1992-06-06 |
| 040 Canada Valve | Century   | 00003 Yes | 1992-06-06 |
| 041 Canada Valve |           | 00002 Yes | 1950-06-06 |
| 042 Canada Valve | Century   | 00003 Yes | 2003-10-20 |
| 043 Canada Valve |           | 00002 No  | 1950-06-06 |
| 044 Canada Valve |           | 00002 No  | 1950-06-06 |
| 045 Canada Valve |           | 00002 No  | 1950-06-06 |
| 046 Canada Valve | Century   | 00003 Yes | 1992-06-06 |
| 047 Canada Valve |           | 00002 Yes | 1950-06-06 |
| 048 Canada Valve | Century   | 00003 Yes | 1950-06-06 |
| 049 Canada Valve |           | 00002 Yes | 2001-06-06 |
| 050 Canada Valve |           | 00002 No  | 1950-06-06 |
| 051 Canada Valve |           | 00002 No  | 1950-06-06 |
| 052 Canada Valve |           | 00002 No  | 1950-06-06 |
| 053 Canada Valve |           | 00002 No  | 1950-06-06 |
| 054 Canada Valve | Century   | 00003 Yes | 2006-05-08 |
| 055 Canada Valve |           | 00002 Yes | 1974-06-06 |

*Removed.*

|                  |         |           |            |
|------------------|---------|-----------|------------|
| 056 Canada Valve |         | 00002 No  | 1950-06-06 |
| 057 Canada Valve | Century | 00003 Yes | 2001-07-04 |
| 058 Canada Valve | Century | 00002 Yes | 2001-07-18 |
| 059 Canada Valve | Century | 00002 Yes | 2000-09-09 |
| 060 Concord      | D-67-M  | 00003 Yes | 1982-06-06 |
| 061 Concord      | D-67-M  | 00003 Yes | 1982-06-06 |
| 062 Canada Valve |         | 00002 No  | 1950-06-06 |
| 063 Canada Valve | Century | 00003 Yes | 1999-11-11 |
| 064 Canada Valve |         | 00002 No  | 1976-06-06 |
| 065 Canada Valve | Century | 00003 Yes | 2000-05-24 |
| 066 Canada Valve | Century | 00003 Yes | 1983-06-06 |

Main Valves

|                                       |            |          |       |
|---------------------------------------|------------|----------|-------|
| 00001 Water Plant Yard                | 10 Plastic | Main     | ##### |
| 00002 Howard St. at Water Plant       | 6 Plastic  | Main     | ##### |
| 00003 Howard North of Ena             | 6 Cast     | Main     | ##### |
| 00004 Howard Tie in to New Main       | 4 Plastic  | Tie In   | ##### |
| 00005 N.W. Side Ena At Howard         | 6 Asbestos | Main     | ##### |
| 00006 Ena Ave at Cattle Yards         | 6 Plastic  | Main     | ##### |
| 00007 N.E. Side Ottawa At Broadway    | 6 Cast     | Main     | ##### |
| 00008 N.W. Side Ottawa At Broadway    | 4 Cast     | Main     | ##### |
| 00009 S.W. Side Ottawa At Broadway    | 6 Cast     | Main     | ##### |
| 00010 N.E. Side Dublin At Ottawa      | 6 Plastic  | Main     | ##### |
| 00011 North End Of Dublin             | 6 Plastic  | Blow Off | ##### |
| 00012 N.W. Side Main At Ottawa        | 6 Cast     | Main     | ##### |
| 00013 N.E. Side Broadway At Main      | 4 Cast     | Main     | ##### |
| 00014 S.W. Side Main At Broadway      | 6 Cast     | Main     | ##### |
| 00015 N.W. Side Main At Broadway      | 6 Plastic  | Main     | ##### |
| 00016 Ottawa West Of Main             | 8 Cast     | Main     | ##### |
| 00017 S.E. Side Dufferin At Ottawa    | 6 Cast     | Main     | ##### |
| 00018 S.E. Side Dufferin At Maple     | 6 Cast     | Main     | ##### |
| 00019 N.E. Side Dufferin At Riverside | 4 Plastic  | Tie In   | ##### |
| 00020 N.W. Side Dufferin At Riverside | 10 Plastic | Main     | ##### |
| 00021 N.W. Side Broadway At Riverside | 4 Plastic  | Tie In   | ##### |
| 00022 N.E. Side Broadway At Riverside | 10 Plastic | Main     | ##### |
| 00023 S.W. Side Lewis At Riverside    | 6 Plastic  | Main     | ##### |
| 00024 S.W. Side Riverside At Bogart   | 6 Plastic  | Blow Off | ##### |
| 00025 South End of Broadway           | 4 Plastic  | Blow Off | ##### |
| 00026 S.W. Side Broadway At Maple     | 6 Cast     | Main     | ##### |
| 00027 S.W. Side Broadway at Ottawa    | 6 Cast     | Main     | ##### |
| 00028 Ottawa Ave N.E. of Tracks       | 8 Plastic  | Main     | ##### |
| 00029 S.E. Side Ottawa At Isabella    | 8 Plastic  | Main     | ##### |
| 00030 S.W. Side Ottawa At Isabella    | 8 Plastic  | Main     | ##### |
| 00031 S.W. Side Ottawa At Hunter      | 8 Plastic  | Main     | ##### |
| 00032 S.E. Side Ottawa At Hunter      | 8 Plastic  | Main     | ##### |
| 00033 S.E. Side Hunter At Ottawa      | 6 Plastic  | Main     | ##### |
| 00034 N.E. Side Hunter At Ottawa      | 6 Plastic  | Main     | ##### |
| 00035 S.E. Side Ottawa At Hwy # 11    | 8 Plastic  | Main     | ##### |
| 00036 S.W. Side Isabella At Ottawa    | 6 Plastic  | Main     | ##### |
| 00037 S.W. Side Isabella At Montreal  | 6 Plastic  | Main     | ##### |
| 00038 N.W. Side Isabella At Montreal  | 6 Plastic  | Main     | ##### |
| 00039 N.W. Side Isabella At Toronto   | 4 Plastic  | Tie In   | ##### |
| 00040 S.E. Side Isabella At Toronto   | 10 Plastic | Main     | ##### |
| 00041 N. E. Side Toronto At Hwy # 11  | 4 Plastic  | Tie In   | ##### |
| 00042 S.W. Side Toronto At Hwy # 11   | 8 Plastic  | Main     | ##### |
| 00043 N.W. Side Toronto At Hwy # 11   | 10 Plastic | Main     | ##### |
| 00044 S.E. Side Hwy. # 11 At Montreal | 6 Cast     | Main     | ##### |
| 00045 S.W. Side Hwy # 11 At Ottawa    | 10 Plastic | Main     | ##### |
| 00046 S.W. Side Ottawa At Hwy # 11    | 4 Plastic  | Tie In   | ##### |
| 00047 S.E. Side Hwy. # 11 At Ottawa   | 8 Cast     | Main     | ##### |
| 00048 S.E. Side Ottawa At Hwy. # 11   | 6 Plastic  | Main     | ##### |
| 00049 S.E. Side Isabella At Marie     | 6 Cast     | Main     | ##### |
| 00050 N.W. Side Isabella At Marie     | 6 Plastic  | Main     | ##### |
| 00051 N.E. Side Isabella At Marie     | 6 Cast     | Main     | ##### |
| 00052 N.E. Side Marie At Hunter       | 6 Plastic  | Main     | ##### |
| 00053 S.E. Side Hunter At Marie       | 6 Cast     | Main     | ##### |
| 00054 N.E. Side Hunter At Marie       | 6 Plastic  | Main     | ##### |
| 00055 N.W. Side Marie At Hunter       | 6 Plastic  | Main     | ##### |
| 00056 N.E. Side Marie At Hwy # 11     | 6 Plastic  | Main     | ##### |

|                                       |            |           |       |
|---------------------------------------|------------|-----------|-------|
| 00057 N.W. Side Marie At Hwy # 11     | 6 Cast     | Main      | ##### |
| 00058 N.E. Side Connolly At Marie     | 6 Cast     | Main      | ##### |
| 00059 N.E. Side Marie At Lincoln      | 6 Cast     | Main      | ##### |
| 00060 N.E. Side Lincoln At Marie      | 6 Cast     | Main      | ##### |
| 00061 S.E. Side Lincoln At Alfred     | 6 Cast     | Main      | ##### |
| 00062 S.E. Side Lincoln At Roselawn   | 6 Cast     | Main      | ##### |
| 00063 S.E. Side Roselawn At Lincoln   | 6 Cast     | Main      | ##### |
| 00064 N.E. Side Roselawn At Lincoln   | 4 Plastic  | Tie In    | ##### |
| 00065 Lincoln North Of Roselawn       | 12 Plastic | Main      | ##### |
| 00066 S.W. Side Alfred At Lincoln     | 6 Cast     | Main      | ##### |
| 00067 S.W. Side Lincoln At Alfred     | 4 Plastic  | Tie In    | ##### |
| 00068 Lincoln North Of Marie          | 12 Plastic | Main      | ##### |
| 00069 N.W. Side Marie At Lincoln      | 6 Cast     | Main      | ##### |
| 00070 N. W. Side Lincoln At Marie     | 4 Plastic  | Tie In    | ##### |
| 00071 N.W. Side Ottawa At Lincoln     | 6 Cast     | Main      | ##### |
| 00072 N.W. Side Lincoln At Ottawa     | 4 Plastic  | Tie In    | ##### |
| 00073 S.W. Side Ottawa At Lincoln     | 6 Plastic  | Main      | ##### |
| 00074 S.W. Side Lincoln At Ottawa     | 6 Cast     | Main      | ##### |
| 00075 Lincoln South Of Ottawa         | 6 Plastic  | Arena     | ##### |
| 00076 Ottawa At Public School         | 4 Cast     | School    | ##### |
| 00077 N.E. Side Ottawa At Eagle Lake  | 6 Cast     | Main      | ##### |
| 00078 N.E. Side Eagle Lake At Ottawa  | 6 Cast     | Main      | ##### |
| 00079 N.W. Side Ottawa At Eagle Lake  | 4 Cast     | Main      | ##### |
| 00080 N.E. Side Eagle Lake At Marie   | 6 Cast     | Main      | ##### |
| 00081 N.E. Side Marie At Eagle Lake   | 6 Cast     | Main      | ##### |
| 00082 Ottawa West Of Eagle Lake       | 4 Plastic  | Fire Hall | ##### |
| 00083 N.W. Side Ottawa At Fitz        | 6 Asbestos | Main      | ##### |
| 00084 N.W. Side Ottawa At Cedar       | 6 Plastic  | Main      | ##### |
| 00085 S.E. Side Cedar At Alfred       | 6 Plastic  | Main      | ##### |
| 00086 S.W. Side Alfred At Fitz        | 6 Plastic  | Main      | ##### |
| 00087 S.E. Side Alfred At Fitz        | 6 Asbestos | Main      | ##### |
| 00088 S.E. Side Fitz At Alfred        | 6 Asbestos | Main      | ##### |
| 00089 N.E. Side Tebby At Fitz         | 6 Asbestos | Main      | ##### |
| 00090 S.W. Side Tebby At Alfred       | 6 Asbestos | Main      | ##### |
| 00091 N.W. Side Tebby At Alfred       | 6 Asbestos | Main      | ##### |
| 00092 S.W. Side Alfred At Eagle Lake  | 6 Asbestos | Main      | ##### |
| 00093 S.E. Side Alfred At Eagle Lake  | 4 Cast     | Main      | ##### |
| 00094 N.E. Side Eagle Lake At Alfred  | 4 Cast     | Main      | ##### |
| 00095 Eagle Lake South Of Johnson     | 4 Cast     | Main      | ##### |
| 00096 N.E. Side Johnson At Eagle Lake | 6 Asbestos | Main      | ##### |
| 00097 S.E. Side Poplar At Grant       | 6 Asbestos | Main      | ##### |
| 00098 S.E. Side Grant At Poplar       | 6 Asbestos | Main      | ##### |
| 00099 S.E. Side Johnson At Kilper     | 6 Asbestos | Main      | ##### |
| 00100 S.E. Side Kilper At Johnson     | 6 Asbestos | Main      | ##### |
| 00101 S.W. Side Kilper At Side Lane   | 6 Asbestos | Main      | ##### |
| 00102 N.E. Side Toronto At Hwy # 11   | 6 Plastic  | Main      | ##### |