



# City of North Canton, Ohio

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## NOTICE OF MEETINGS

Mr. Daniel Peters, Chairman of the Personnel & Safety Committee of North Canton City Council, has requested a meeting of said Committee Members and Council **Monday, April 4, 2011 at 6:00 p.m.** in the Council Chamber at North Canton City Hall.

The meeting will be called to order and then moved into **executive session** for the purpose of conducting interviews for the position of Council At Large. The executive session **will not be** open to the public.

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### Committee of the Whole Meeting Monday, April 4, 2011 – 7:00 p.m.

North Canton City Council will meet as a Committee of the Whole **Monday, April 4, 2011 at 7:00 p.m.** in the Council Chamber at North Canton City Hall.

Items will be discussed as time allows; not necessarily in the order indicated.

1. Ordinance, Rules & Claims Committee

Vice Chairman: Doug Foltz  
Member: Marcia Kiesling

- a. Amendment to the Rules of Council  
Doug Foltz

2. Park & Recreation Committee

Chairman: Doug Foltz  
Member: Daniel Peters

- a. Amendment to Ordinance No. 29-11 re Season Memberships  
Doug Foltz

3. Personnel & Safety Committee

Chairman: Daniel Peters  
Vice Chairman: Jon Snyder

- a. Amendment to Ordinance No. 22-11 – Personnel Handbook  
Daniel Peters

4. Street & Alley Committee

Chairman: Pat DeOrio  
Vice Chairman: Marcia Kiesling  
Member: Doug Foltz

- a. Discussion Only – Pavement Evaluation Study  
Pat DeOrio

5. Water, Sewer & Rubbish Committee

Chairman: Jeff Davies  
Vice Chairman: Pat DeOrio  
Member: Jon Snyder

- a. Frank Avenue/Applegrove Street NW Water Main Improvements  
Professional Services Contract  
Jeff Davies

6. Finance & Property Committee

Chairman: Jon Snyder  
Vice Chairman: Jeff Davies  
Member: Pat DeOrio

- a. Amendment to the Income Tax Ordinance  
Jon Snyder
- b. Policy – Payment of Fines, Permits, Fees & Payments with Coins  
Jon Snyder
- c. Gasoline and Diesel Fuel Contracts  
Jon Snyder
- d. Mayor's Court Receipts – February, 2011  
Jon Snyder

**Executive Session  
Meeting Agenda**

**April 4, 2011  
Page 3**

Mr. Daniel Peters, Chairman of the Personnel & Safety Committee of North Canton City Council, has requested a meeting of said Committee Members and Council **Monday, April 4, 2011 immediately following the Committee of the Whole Meeting** in the Council Chamber at North Canton City Hall.

The meeting will be called to order and then moved into **executive session** for the purpose of conducting interviews for the position of Council At Large. The executive session **will not be** open to the public.

Gail M. Kalpac  
Clerk of Council

c: Council, Director of Law  
Mayor, D/Administration  
D/Finance, City Engineer  
D/Economic Development  
Police Chief, Fire/EMS Chief  
Press

# **Memo** from the City of North Canton Council Office

April 1, 2011

To: Doug Foltz, Vice Chairman  
Ordinance, Rules & Claims Committee

From: Jon Snyder  
President of Council

Re: Legislative Request  
Proposed Amendment to Ordinance No. 29-10

Please place on the April 4, 2011 Committee of the Whole Agenda consideration to amend Ordinance No. 29, specifically subsections (d)(9)-(10) and (i)(1), (2) and (4) of Section 115.01 RULES OF COUNCIL, to change the date and time the Agenda and supporting paperwork shall be available to the Council, Mayor, Director of Administration, Director of Law and Director of Finance and the date and time matters to be placed on the Agenda shall be reported to the Clerk of Council. See attached.

JFS:gmk

#### Attachment

c: Council, Director of Law  
Mayor, D/Administration  
D/Finance, City Engineer  
D/Economic Development  
Police Chief, Fire/EMS Chief  
Press

An ordinance amending Ordinance No. 29-10, specifically subsections (d)(9)-(10) and (i)(1), (2) and (4) of 115.01 RULES OF COUNCIL, of the Codified Ordinances of the City of North Canton, to change the date and time the Agenda and supporting paperwork shall be available to the Council, Mayor, Director of Administration, Director of Law and Director of Finance and the date and time matters to be placed on the Agenda shall be reported to the Clerk of Council and, and declaring the same to be an emergency.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NORTH CANTON, COUNTY OF STARK, STATE OF OHIO:

Section 1. That Ordinance No. 29-10, specifically subsections (d)(9)-(10) and (i)(1), (2) and (4) of 115.01 RULES OF COUNCIL, of the Codified Ordinances of the City of North Canton, to change the date and time the Agenda and supporting paperwork shall be available to the Council, Mayor, Director of Administration, Director of Law and Director of Finance and the date and time matters to be placed on the Agenda shall be reported to the Clerk of Council, be, and the same is hereby amended to read as follows:

**"Section 115.01 RULES ADOPTED"**

a. Meetings: Time, Place and Recording Procedure.

1. Council of the City of North Canton, Ohio, shall meet on the second and fourth Monday of each month at 7:00 p.m. in the Council Chambers located in the City Hall at 145 North Main Street with the exception of the months of July and August when Council will meet on the second Monday in July and the fourth Monday in August.

2. If the regular meeting date falls on a holiday recognized by the City, the meeting date shall be changed to a date previously established at a regular Council meeting.

3. The starting time of a regular meeting or a public hearing may be set by motion of Council.

4. Special meetings of Council may be called as provided in the Charter.

5. A complete and accurate journal shall be kept of all proceedings of Council authenticated by the signature of the Clerk of Council and the President of Council, pursuant to the provisions of the North Canton City Charter.

6. The Council shall meet as a Committee of the Whole on the first and third Monday and the fifth Monday, as applicable, of each month at 7:00 p.m. at North Canton City Hall at 145 North Main Street with the exception of the months of July and August when Council will meet as a Committee of the Whole on the first Monday in July and the third Monday in August. The date and/or time of a meeting may be changed or a meeting may be cancelled at any regular meeting of Council or at a meeting of the Council meeting as a Committee of the Whole by a vote of a majority of those members voting at said meeting or upon the written request of four members of Council.

7. All meetings of Council and all meetings of Council meeting as a Committee of the Whole, excluding executive sessions, shall be recorded.

8. All meetings of Council of the City of North Canton that have been recorded shall be transcribed verbatim.

9. Committee meetings, on the request of the Committee Chairperson and concurrence of President of Council, that have been recorded, shall be transcribed verbatim.

b. Council Structure.

1. As provided in the Charter, Council is composed of four Ward Council Members and three At Large Council Members. The President and Vice President of Council are elected from all the members of Council.

2. The President of Council shall assign the seats at the Council table.

3. The procedure for implementing the provision of the Charter of the City, as to vacancies occurring on Council shall be as follows:

A. A vacancy in an At Large position may be filled by a Ward Council Member or any other person who meets the qualifications set out in the Charter. A vacancy in the office of a Council Member representing a ward must be filled from that ward.

B. The President of Council shall set a time limit for applications for the vacancy to be filed with the Clerk of Council.

C. Nominations to fill the vacancy shall be made from the floor of Council.

D. The filling of the vacancy shall be by roll call vote.

E. The President of Council shall have the power to set the entire schedule for all applications and votes within the limits of the Charter.

4. The vote for the election of President of Council and the Vice President of Council shall be by roll call vote. Nominations shall be made from the floor of Council. The vote for President of Council shall be first, followed by the separate vote for the Vice President of Council.

Committees of Council.

1. The standing committees of Council shall be:

A. Community and Economic Development Committee

B. Finance and Property Committee

C. Ordinance, Rules and Claims Committee

D. Park and Recreation Committee

E. Personnel and Safety Committee

F. Street and Alley Committee

G. Water, Sewer and Rubbish Committee

2. Committee assignments shall be made by President of Council at the beginning of each year.

3. Special committees of Council may be assigned by the President of Council thereafter as needed.

4. Each Council Member shall present in writing to the President of Council at the beginning of each year, his or her preference of committee assignments.

5. The President of Council shall make assignments at his or her own discretion, but shall take into consideration the seniority of each member, the member's preference of committee assignments, the member's special qualifications and experience, and the best interests of the citizens of the City.

6. The President of Council shall designate one of the committee members as chairperson.

7. The committee of Council shall meet upon call by its members.

8. No committee shall meet without having first notified its members of the meeting date and time. The Clerk of Council shall send notices which must be received by each member at least twenty-four hours prior to the meeting. The Clerk shall enter into the record any failure to notify a member for whatever reason. The meeting may be held even though all members were unable to be notified, if a quorum is present. A quorum shall be a majority of all members assigned to a committee. Committee members may waive the twenty-four hour requirement if there is sufficient cause. However, all members of the committee must waive.

9. Members of the Administration may call a committee meeting through the chairperson of the proper committee. Whenever possible and unless special conditions are present, all Committee meetings shall be held in the evening after 5:00 p.m. This is due to the fact that the position of Council Member is a part-time position and Council Members usually have another job during the day.

d. Legislative Procedure

1. The legislative process shall be governed by the provisions of the North Canton City Charter.

2. The President of Council shall refer those matters to commissions and boards which require pre-Council consideration.

3. Upon referral back to Council or upon its introduction to Council, the President in his or her complete discretion shall refer it to the proper committee of Council for its consideration.

4. The committee of Council shall consider the matter and report its conclusion in writing to Council. All members of the committee shall sign the report, either assenting or dissenting.

5. Where a matter must be considered by more than one committee of Council, all committees may meet together and file separate or joint reports.

6. Legislation may be placed on the Council Agenda only after that legislation has been favorably recommended and asked to be placed on the Agenda by the committee or committees which considered it, except that Council may by a majority vote suspend this rule and place legislation on the Council Agenda without waiting for a committee report, or without referring to a committee, or without having received a favorable committee report.

7. A matter shall be placed on the agenda of the meeting following the public report of the committee or if a committee requests it in its report, it may be placed on the agenda the same night as the report is given.

8. The Agenda of Council shall be in substantially the following form:
  - A. Call to Order
  - B. Opening Prayer
  - C. Pledge of Allegiance
  - D. Roll Call
  - E. Consideration of minutes of regular meetings, special meetings and public hearings held in the period between two regular meetings, Financial Statement and Mayor's Court Receipts (placed on the Agenda once a month.)
  - F. Committee Reports
  - G. Recognition of Visitors
  - H. Old Business
  - I. New Business
  - J. Reports of Director of Law, Director of Finance, Director of Administration, Mayor, City Engineer, Director of Economic Development and Clerk of Council
  - K. Reports of Council Members
  - L. Final Call for New Business
  - M. Adjourn

9. All matters to be placed on the Agenda shall be reported to the Clerk of Council by 4:00 p.m., on the Tuesday prior to the Council meeting. This is necessary due to the time needed to prepare the Agenda and legislation. The Clerk of Council may, with discretion, make exceptions to this rule if the time is available.

10. The agenda and copies of all ordinances, resolutions, committee reports, etc. shall be made available to each Council Member, the Mayor, Director of Administration, Director of Law and Director of Finance on the Thursday prior to the regular Council meeting or as soon thereafter as possible.

11. The Clerk of Council shall present to the Mayor all legislation passed the same night as the Council meeting. This rule shall not require the signature of the Mayor in any other manner than those set out in the Charter.

e. Moral Claims.

1. Claimant shall submit a written statement of their claim to the Director of Administration, a copy of which shall be submitted to Council and the Director of Law.
2. Administration investigates claim. If Administration cannot resolve formally, a written report shall be submitted to the Director of Law and Council with Administration's recommendation.
3. Director of Law consults with Administration and insurance company.
4. Director of Law makes assessment as to potential liability.

5. The Director of Law will attempt to resolve the claim. If the Director of Law determines the City should pay the claim, the Director of Law is authorized to proceed with a settlement in an amount not to exceed two thousand five hundred dollars (\$2,500) per claim; and the Director of Finance is authorized to make payment of said settlement from the appropriate fund. If the Director of Law is unable to resolve the claim, he or she shall forward a recommendation to Council.

6. Claimant signs a release before settlement is given.

f. Notice. (Pursuant to the requirements of Ohio R.C. 121.22)

1. The Clerk of Council shall post at a prominent place in the North Canton City Hall the time, day, and place of all regularly scheduled meetings of Council and the Council meeting as a Committee of the Whole.

2. Within a reasonable period prior to the meeting the Clerk of Council shall post in a prominent place at the North Canton City Hall notice of all special meetings of any Council committee meeting as a public body as defined in the Ohio Revised Code, which notice shall include the time, place and purpose of such meeting.

3. The prominent place as referred in (1) and (2) above shall be designated by motion of Council from time to time.

4. News media requesting twenty-four hours notice of special meetings shall provide the Clerk of Council with a facsimile phone number or an email address at which that media can be notified. The Clerk of Council shall make a reasonable effort to contact the media at the provided address and telephone number.

5. Any person may upon request obtain reasonable advance notification by e-mail or facsimile of all meetings of the public body at which any specific type of public business is to be discussed.

When available the Clerk of Council may use the meeting agenda as notification. It shall be the responsibility of each committee chairperson to contact the Clerk of Council not less than seventy-two hours prior to any committee meeting to advise the Clerk of the specific type of public business to be discussed at the committee meeting.

g. If any Council Member has reason to believe that the Clerk of Council or Assistant Clerk of Council has by error or omission failed to properly discharge his or her work related duties, the Council Member shall inform the chairperson of the Personnel Committee of the incident. The chairperson of the Personnel Committee shall call an executive session to precede the next scheduled Council meeting.

At the executive session, the reporting Council Member will inform Council why he or she believes the Clerk of Council or Assistant Clerk of Council has failed to properly discharge his or her duties.

Following a discussion, Council shall vote on one of the following courses of action:

1. No finding.
2. Issue a warning (verbal or written).
3. Suspension (3 to 5 day).
4. Discharge

If none of the above receives four votes, then no action shall be taken. The President of Council shall execute the disciplinary action (if any) which was authorized by Council.

A record of the disciplinary action taken shall be placed in the personnel file of the disciplined employee. The disciplined employee shall have one week from the date of the time of the discipline is implemented by the President of Council in which to make a written explanation, which shall be filed in the in the employee's personnel file.

No Council Member shall discipline the Clerk of Council or Assistant Clerk of Council, other than through the above procedure.

h. Any member of Council who wishes to survey his or her constituents must meet the following conditions:

1. Survey/letter may only address a single issue;
2. Survey/letter may only be sent to residents who are directly affected by the issue which is addressed in the survey/letter;
3. Ninety days before an election of Council, a Council Member may not send out a survey/letter to constituents unless one of the following two restrictions have been met:
  - A. A majority of Council must agree that conditions one and two have been met or
  - B. The survey/letter may not contain the name of the sending Council Member, but rather be signed, "North Canton City Council";
4. An at-large Council Member may not send a Citywide survey/letter without the consent of a majority of Council;
5. The member sending the survey/letter shall notify all other members of Council and provide them with a copy of the survey/letter twenty-four hours before it is mailed or hand delivered;
6. None of the above restrictions are meant to control any correspondence between a Council Member and his or her constituents if no City funds or material is used; however, no City letterhead, envelopes (or likeness thereof) shall be used.

i. Matters to be placed on the Committee of the Whole agenda shall follow this procedure:

1. **All matters to be placed on the Committee of the Whole agenda shall be reported to the Clerk of Council by 4:00 p.m. on Tuesday before the Committee of the Whole meeting.**
2. **The Committee of the Whole agenda and supporting paperwork such as ordinances, resolutions, committee reports, etc., shall be available to the Council, Mayor, Director of Administration, Director of Law, and Director of Finance by 12:00 noon on the Thursday before the Committee of the Whole meeting or as soon thereafter as possible."**
3. The President of Council with concurrence of the Committee Chairperson, if available, (effort to be documented by Clerk of Council) may make exceptions to this subsection if time is available.
4. ~~Section 115.01(d)(9) and Section 115.01(d)(10) of the Rules of Council shall not apply to the Committee of the Whole meetings.~~

j. Recognition of Visitors.

1. Citizens shall be permitted to speak only during the Recognition of Visitors portion of the meeting.

2. During Recognition of Visitors, each speaker shall identify themselves by name, home address and shall state the subject matter on which they intend to speak. Each speaker shall be limited to a maximum of five minutes to present their comments or at the discretion of the Presiding Officer, the speaker may continue beyond the limit if their remarks are deemed germane, non-redundant and consistent with the rules of decorum. Each speaker shall direct their comments to the Presiding Officer.

3. A speaker shall observe all rules of the decorum as prescribed in Robert's Rules of Order. No debate, disrespect, personal attacks or obscenities shall be tolerated. The Presiding Officer shall rule any individual that violates the Recognition of Visitors rules or Robert's Rules of Order out of order.

Section 2. That if a provision of this ordinance is or becomes illegal, invalid or unenforceable, that shall not affect the validity or enforceability of any other provision of this ordinance.

Section 3 That this ordinance is hereby declared to be an emergency measure necessary for the preservation of the health, safety, and peace of the City of North Canton and further necessary for the timely amendment to the rules of council; wherefore, provided it receives the affirmative vote of six (6) or more members of Council elected thereto, this ordinance shall take effect and be in full force immediately upon its adoption by Council and approval by the Mayor. Otherwise, it shall take effect and be in force from and after the earliest period allowed by law.

# **Memo** from the City of North Canton Council Office

April 1, 2011

To: Doug Foltz, Chairman  
Park & Recreation Committee

From: Gail Kalpac  
Clerk of Council

Re: Proposed Amendment to Ordinance No. 29-11  
Sale of Season Pool Memberships

At the request of Director of Finance Loretto, please consider amending Ordinance No. 29-11, Section 2. pertaining to the sale of pool passes. See attached.

## Attachment

g:\legislative requests\amendment to 29-11 re sale of passes.docx

3/22/11-gmk  
(Park & Recreation)

Ordinance No. 29-11

An ordinance amending Ordinance No. 10-09 to increase the rates to be charged for season membership and daily admission for the City of North Canton Municipal Swimming Pool, rate for swimming lessons, and repealing any and all legislation inconsistent herewith and declaring the same to be an emergency.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NORTH CANTON, COUNTY OF STARK, STATE OF OHIO:

Section 1. That the daily rates for admission to the North Canton Municipal Swimming Pool, be, and are hereby adopted:

DAILY RATE

Per Person	\$ 8.00
After 5:00 p.m.	\$ 6.00
One child under 6 admitted free with each paid adult	

GIFT CERTIFICATES

Gift Certificates may be purchased for Daily Admission and Season Memberships and are nonrefundable. Daily passes are \$8.00; Season Memberships are available at the applicable rates for Single, Family, Additional, Buddy, and Senior (62) passes.

Section 2. That the season membership rates, effective prior to the opening date of the municipal pool, be, and are hereby adopted:

RESIDENT OF CITY OF NORTH CANTON

Single	\$ 65.00
Family (up to four)	160.00
(Additional)	25.00
Buddy Pass	100.00
Senior (62)	20.00

SCHOOL DISTRICT/TAXES/OWN PROPERTY  
(Outside City Rates)

Single	\$ 100.00
Family (up to four)	265.00
(Additional)	35.00
Buddy Pass	100.00
Senior (62)	30.00

NONRESIDENT FAMILY PASS

(Limited to 100 Family Memberships)

Family (up to four)	\$400.00
(Additional)	50.00
Buddy Pass	100.00

Section 3. That the season membership rates commencing the opening date of the municipal pool, be, and are hereby adopted:

RESIDENT OF CITY OF NORTH CANTON

Single	\$ 70.00
Family (up to four)	175.00
(Additional)	30.00
Buddy Pass	100.00
Senior (62)	25.00

SCHOOL DISTRICT/TAXES/OWN PROPERTY  
(Outside City Rates)

Single	\$ 120.00
Family (up to four)	300.00
(Additional)	40.00
Buddy Pass	100.00
Senior (62)	35.00

NONRESIDENT FAMILY PASS  
(Limited to 100 Family Memberships)

Family (up to four)	\$425.00
(Additional)	50.00
Buddy Pass	100.00

- Section 4. That a Buddy Pass will be limited to one per family purchasing a single or family season membership. Buddy Pass can be used by a babysitter, relative or friend accompanying the season membership holder to the pool. A Buddy Pass is not limited to a specific person.
- Section 5. That to qualify for a season membership based on outside city rates for payment of city income tax, the minimum amount of taxes paid must be \$100 per year, based on the previous year's W-2 or estimated taxes.
- Section 6. That there will be rate of \$25.00 per session for swimming lessons and they will be offered to members only.
- Section 7. That all collections received from the rates established herein shall be deposited with the Director of Finance and the Director of Finance shall deposit all such receipts to the credit of the General Fund.
- Section 8. That any and all legislation inconsistent herewith, be, and the same are hereby repealed.
- Section 9. That this ordinance is hereby declared to be an emergency measure necessary for the preservation of the health, safety and peace of the City of North Canton; and further necessary in order to have the new rates in effect when pool passes go on sale and to allow for press releases on new rates in a timely manner; wherefore, this ordinance shall take effect and be in full force immediately upon its adoption by Council and approval by the Mayor.

North Canton, OH  
Passed:

\_\_\_\_\_  
MAYOR

SIGNED: \_\_\_\_\_, 2009

ATTEST:

\_\_\_\_\_  
CLERK OF COUNCIL

# **Memo** from the City of North Canton Council Office

April 1, 2011

To: Daniel Peters, Chairman  
Personnel & Safety Committee

From: Gail Kalpac  
Clerk of Council

Re: Proposed Amendment to Ordinance No. 22-11  
Personnel Handbook – Definitions

At the request of Director of Law Nilges, please consider amending Ordinance No. 22-11, Definitions – Full Time Employee. See attached.

## Attachment

g:\legislative requests\personnel handbook re definitions.docx

## DEFINITIONS

**WILL/SHALL** are mandatory and not merely directory.

**CITY** is City of North Canton, Ohio.

**FULL TIME EMPLOYEE** means personnel other than nonexempt Fire, E.M.S. or Seasonal Personnel (but including Fire Safety Inspectors) who are regularly scheduled to work at least thirty seven and one half (37.5) hours per week **and nonexempt Fire and EMS personnel who are regularly scheduled to work fifty-three (53) hours a week or more in a seven (7) day tour of duty in an individual classification.**

**PART TIME EMPLOYEE** means personnel other than nonexempt Fire and E.M.S. personnel who are regularly scheduled to work less than thirty seven and one half (37.5) hours per week and Fire and cross-trained E.M.S. personnel who are regularly scheduled to work less than fifty-three (53) hours in a seven (7) day tour of duty in an individual job classification.

**SEASONAL EMPLOYEE** means persons hired by the City with the expectation that such persons' employment would last no longer than nine (9) months of any calendar year.

**APPOINTING AUTHORITY** shall be the officer having power to under the Charter or ordinance to make appointments to positions and where applicable shall include the legislative authority.

**RESPONSIBLE DEPARTMENTAL AUTHORITY** as used herein, shall mean the Mayor or the Director of Administration, the Director of Finance, the Director of Law, the President of Council or the Clerk of Council, for the appropriate departments thereto.



# City of NORTH CANTON, OHIO

145 NORTH MAIN STREET  
NORTH CANTON OHIO 44720-2587  
ENGINEERING DEPARTMENT  
JIM BENEKOS P.E., P.S.

## MEMO

March 30, 2011

TO: Jon Snyder  
City Council President

RE: **Pavement Evaluation Study**  
(Discussion Item)

Attached is a copy of a pavement evaluation study performed by CT Consultants for the City of Wickliffe. Based on preliminary discussions, CT is proposing to perform a similar study for the City of North Canton that can be completed by September, 2011.

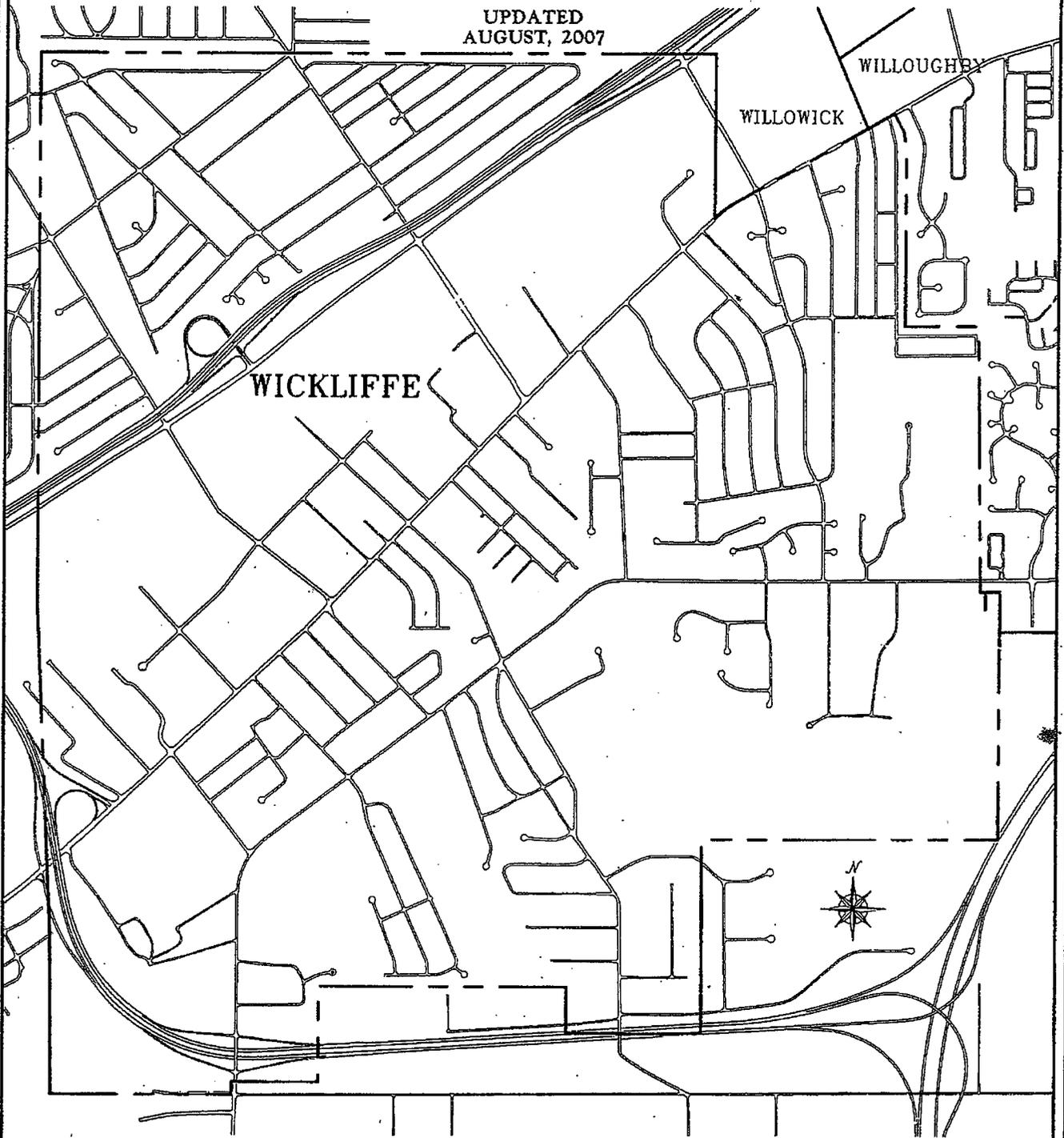
I anticipate the cost to be less than \$25,000; hence enabling legislation is not required. The funds for the study can come from the 2011 Street Maintenance Program account 210.543.5229 or Council can allocate additional funding.

  
Jim B.

**RECEIVED**  
MAR 30 2011  
COUNCIL OFFICE  
NORTH CANTON, OHIO

# CITY OF WICKLIFFE PAVEMENT EVALUATION STUDY

UPDATED  
AUGUST, 2007



PREPARED FOR:

CITY OF WICKLIFFE  
28730 RIDGE ROAD  
WICKLIFFE, OHIO 44092-2598

PREPARED BY:

CT CONSULTANTS, INC.  
35000 KAISER COURT  
WILLOUGHBY, OHIO 44094

07349

 **CT Consultants**  
engineers | architects | planners



**CT Consultants**  
engineers | architects | planners

September 21, 2007

Mayor Thomas W. Ruffner and Members of Council  
City of Wickliffe  
28730 Ridge Road  
Wickliffe, Ohio 44092-2598

**Re: *Pavement Evaluation Study Update***

Dear Mayor Ruffner and Members of Council:

We are pleased to present this updated report on the Pavement Evaluation Study. The results of this study will continue to provide a basis for implementing cost-effective annual road programs. We are currently utilizing this information developing the 2007 Road Program recommendations. The following table provides an overview of some of the information obtained in the study.

***Approximate Number of Streets Needing Repair  
(Pavement Rating Value at the Repair Limit)***

	<u>1996</u>	<u>2002</u>	<u>2007</u>
Concrete Pavement	33 (21)	29 (20)	30 (18)
Asphalt Pavement and Concrete Pavement with Asphalt Overlay	35 (28)	27 (23)	30 (14)
Tar and Chip Pavement	<u>25</u>	<u>14</u>	<u>8</u>
<b>Total</b>	<b>93</b>	<b>70</b>	<b>68</b>

I am available to meet to discuss the results of this updated study at your convenience.

Respectfully,

**CT CONSULTANTS, INC.**

Peter J. Formica, P.E.  
City Engineer

PJF/saa

Enclosures

cc: Daniel Paschke, Director of Public Service

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- IV. PAVEMENT EVALUATION
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- VI. BUDGETARY COSTS
- VII. UNDERGROUND UTILITIES

## **LIST OF APPENDICES**

- A. Street Inventory Spreadsheet
- B. Pavement Evaluation/Improvement Options Spreadsheet
- C. Budgetary Cost Estimates
- D. Condition of Various Infrastructures

## **LIST OF EXHIBITS**

- A. Pavement Inventory Form
- B. Pavement Evaluation Rating Form
- C. Pavement Rating Value Criteria

## **I DESCRIPTION**

On June 24, 1996, the City of Wickliffe authorized CT Consultants, Inc. to prepare a survey and evaluation of all public roadways within the City. On August 13, 2007, the City authorized CT to perform a second update to this study. The study included the following:

- A. Developing an inventory of the physical features of all pavement.
- B. Performing an evaluation rating of all pavements.
- C. Identifying improvement options.
- D. Developing budgetary costs based on the recommended improvement options.
- E. Developing a spreadsheet which stores and sorts the information described above.

## II. IMPLEMENTATION

The purpose of this study is to provide information necessary to develop both short-term and long-term pavement maintenance programs. The spreadsheets were developed to provide a method of systematically storing and sorting information. Complex programming has not been performed which would attempt to independently develop a capital improvement program.

The development of the Annual Pavement program would be accomplished by implementing the following procedures:

- A. Establish approximate budget for the annual road program.
- B. Based upon a review of the pavement evaluation spreadsheet, select roads for further study which have budgetary costs totaling 130% of the overall budget.
- C. Review the selected streets to reaffirm recommendations and cost estimates.
- D. Develop a list of proposed projects for Council consideration.

We also recommend that the pavement evaluation portion of this project be performed every five (5) years.

### III. INVENTORY

CT's personnel performed an inventory of all City streets. The pavement Inventory Form, shown in Exhibit A, was used to collect data. The following information was obtained:

- A. Street name and limits.
- B. Approximate pavement length and average width.
- C. Approximate sidewalk length and average width.
- D. Number of drive aprons and average dimensions per street.
- E. Type of curb (if any) and approximate length.
- F. Number of manholes, catch basins, water valves and monument box castings in the pavement.
- G. Type of existing pavement (concrete, full depth asphalt, asphalt overlay over concrete, or tar and chip).

This information was entered into a spreadsheet which is included in Appendix A. The inventory sheets have been divided into three (3) roadway types as follows: concrete, asphalt, and tar and chip.

Based upon this inventory, it has been estimated that the City has 45.3 miles of roadway broken down into the following categories:

Concrete	16.8 miles, or	263,800 S.Y.
Asphalt	27.6 miles, or	506,600 S.Y.
Tar and Chip	<u>0.9</u> miles, or	<u>10,200</u> S.Y.
	<b>45.3 miles, or</b>	<b>780,600 S.Y.</b>

Additionally, we estimate that the City has 86.3 miles of sidewalks and 88.6 miles of curb.

#### **IV. PAVEMENT EVALUATION**

CT's personnel performed an evaluation of each public street in the City. The purpose of this evaluation was to identify and rate deficiencies in the pavements. One person performed all evaluations to provide a consistent basis of evaluation. The Pavement Evaluation Rating Form, shown in Exhibit B, was used to rate the pavements. The pavements were evaluated for the following:

- A. Street Name
- B. Traffic Volume (heavy, medium, light)
- C. Approximate Percentage of Curb Repair/Replacement Needed
- D. Traverse Cracks
- E. Longitudinal Cracks
- F. Alligator Cracks
- G. Patching/Pot Holes
- H. Drainage
- I. Rutting/Spauling
- J. Roughness/Riding Quality
- K. Polished Aggregate/Oxidation

Rating values for Items D through K were determined using basic pavement criteria as shown in Exhibit C.

This information was entered into a spreadsheet which is included in Appendix B.

A total rating value was developed for each street by summing the rating values for Items D through K. The rating was adjusted for traffic volume by increasing the total rating by 10% for streets with medium traffic volumes and 20% for streets with heavy traffic volumes. The adjusted rating will be used to prioritize improvements.

The pavement evaluation should be updated every five (5) years to provide a method for predicting future needs. The evaluation should be performed by one individual to provide a consistent evaluation.

## **V. IMPROVEMENT OPTIONS**

CT has developed a list of improvement options based upon the identified deficiencies in the pavements. A list of the identified improvement options are as follows:

- A. Crack Sealing
- B. Asphalt Rejuvenator
- C. Concrete Sealing
- D. Joint/Patch Repairs
- E. Grind/Asphalt Overlay (includes joint repairs)
- F. Complete Pavement Replacement

Based on the field visits, a preliminary estimate of the level of need for each improvement option was developed for each road section. A value between 0 and 5 was assigned for each roadway segment. The value was assigned based upon the following scale:

- 0 - Improvement option is not recommended since the pavement is either in satisfactory condition or the improvement would be unsuccessful.
- 1 - There is a minor need for this improvement, or the improvement will have a minimal chance of success.
- 2 - The need for this improvement has increased, but would not be recommended at this time.
- 3 - The need for this improvement is becoming more critical but is still not warranted in the case of an overlay or replacement.
- 4 - The need for this improvement is justified and should be considered at this time.
- 5 - At a minimum, this improvement should be implemented to protect the integrity of the improvement.

The ratings described above are to be used to assist in developing the City's short-term and long-term programs. The actual improvements recommended for the top-rated streets would be determined based upon further investigations and analysis. The recommended improvements will also include a consideration for improvements necessary to the underground utilities.

## **VI. BUDGETARY COSTS**

Budgetary costs were developed for each improvement option on a unit price basis. These unit price estimates were applied to the dimensions obtained during the physical inventory to develop a budgetary cost for each road section.

The purpose of the budgetary cost estimates is to provide a general idea of the cost associated with improving each street segment. The section of streets considered for improvement each year will be analyzed to develop a more site specific budget cost.

The budgetary cost estimates are included in the spreadsheet contained in Appendix C.

## **VII. UNDERGROUND UTILITIES**

The known condition of the underground utilities along each pavement section should be compiled on the forms in Appendix D. This was not included in the scope of this study. The information is being compiled, as it becomes known.

**APPENDIX A**

**STREET INVENTORY SPREADSHEET**

CITY OF WICKLIFFE  
PAVEMENT EVALUATION

JOB No. = 07-348

FILENAME = H:\2007\07\348\REPORT\PAVEVAL07.xls

APPENDIX A  
STREET INVENTORY

NO. STREET NAME	LIMITS (FROM)	(TO)	APPROX. WIDTH (FT.)			PAVE. AREA (S.Y.)			SIDEWALK			DRIVE APRONS			CURB TYPE	APPROX. LENGTH (FT.)	CASTINGS			W.V. MON. NO.	EXISTING PAVEMENT TYPE
			LENGTH (FT.)	WIDTH (FT.)	AVG. WIDTH (FT.)	LENGTH (FT.)	WIDTH (FT.)	AVG. WIDTH (FT.)	NO.	LENGTH (FT.)	AVG. LENGTH (FT.)	AVG. WIDTH (FT.)	AREA (S.F.)	M.H. NO.			C.B. NO.	NO.			
<b>CONCRETE ROADS</b>																					
1 Rocketteller Rd-2	Ridge Rd	Sunset Dr	1600	30	5333	5	1600	8000	44	9	12	4752	VERTICAL	3200	19	14	12	CONCRETE			
2 Harrison Rd	Douglas Rd	Harold St	980	24.5	2668	4	1960	7840	35	3	11	1155	VERTICAL	1960	0	6	1	CONCRETE			
3 Robert St-1	CDS	Tallmadge Ave	905	24	2413	5	1810	9050	29	8	12	2784	VERTICAL	1810	12	8	7	CONCRETE			
4 Rickey Lane	CDS	CDS	1460	24	3893	5	1460	7300	31	6	18	3348	VERTICAL	2920	16	12	13	CONCRETE			
5 Ridgewick Dr-3	340' N of Twin Lakes Dr	Rickey Lane	870	24	2320	5	1740	8700	18	7	14	1764	VERTICAL	2920	6	5	8	CONCRETE			
6 Parkwood Dr-2	160' E of Ezmore	CL Woodrow Ave	280	24	747	5	560	2800	7	8	10	560	VERTICAL	560	3	2	4	CONCRETE			
7 Ridgehills Dr	West End	Bishop Rd/City Limit	995	24	2653	0	1990	0	2	12	24	576	VERTICAL	1990	0	7	4	CONCRETE			
8 Harold St	Harrison Rd	Roosevelt Rd	240	24	640	4	240	960	2	3	20	120	VERTICAL	480	1	2	1	CONCRETE			
9 Serenity Lane	Cabin Dr	CDS	550	24	1467	0	1100	0	11	8	20	1760	VERTICAL	1100	3	3	3	CONCRETE			
10 E. 286th St	E. City Limits	Euclid Ave	1760	24	4693	0	3520	0	9	10	24	2160	VERTICAL	3520	0	9	10	CONCRETE			
11 Bishop Rd	Euclid Ave	Ridge Rd	1590	30	5300	4	1590	6360	7	6	20	840	VERTICAL	3180	11	11	10	CONCRETE			
12 Laurel Lane	CDS 40' Rad	Rocketteller Rd	250	24	667	5	500	2500	9	7	20	1260	VERTICAL	500	4	4	2	CONCRETE			
13 Richard Ct	Robert St	CDS 40' Rad	210	24	560	5	420	2100	7	5	16	560	VERTICAL	420	2	0	2	CONCRETE			
14 Garden Dr-1	Overlook Dr	Ridge Rd	445	24	1187	5	890	4450	7	6	21	882	VERTICAL	890	4	4	4	CONCRETE			
15 Gary Ct	Robert St	CDS 40' Rad	180	24	480	5	360	1800	6	5	16	480	VERTICAL	360	2	0	3	CONCRETE			
16 Worden Rd-2	Lakeland Blvd	Euclid Ave	2420	51	13713	6	2420	14520	17	5	20	1700	VERTICAL	4840	32	32	26	CONCRETE			
17 Palisades Pkwy	Euclid Ave	CDS 38' Rad	1165	30	3893	5	777	3893	11	16	20	3520	VERTICAL	2330	2	9	3	CONCRETE			
18 Ezmor Lane	Arthur Ave	CDS 40' Rad	440	24	1173	4	880	3520	12	6	20	1440	VERTICAL	880	6	3	3	CONCRETE			
19 Kennedy Dr	CDS	CDS	926	24.5	2521	5	1852	9260	4	7	20	560	VERTICAL	1852	2	5	2	CONCRETE			
20 Douglas Dr	Euclid Ave	Roosevelt Rd	3000	24	8000	4	6000	24000	99	8	12	9504	VERTICAL	6000	16	18	3	CONCRETE			
21 Sun Ave	Euclid Ave	South End	720	24	1920	5	720	3600	3	5	36	540	VERTICAL	1440	5	6	2	CONCRETE			
22 Regent Rd-2	Enid Rd	Truman Ave	2610	24	6960	4	5220	20880	65	3	12	2340	VERTICAL	5220	21	20	20	CONCRETE			
23 Woodrow Ave	Arthur Ave	Grand Blvd	1140	24	3040	5	2280	11400	18	12	20	4320	VERTICAL	2280	7	8	7	CONCRETE			
24 Cindy Dr	Kennedy Dr	E. 300th St	350	24	933	5	700	3500	30	7	18	3510	VERTICAL	700	2	8	4	CONCRETE			
25 Mapledale Dr	Euclid Ave	Grant Rd	2330	24	6213	4	4660	18640	93	8	13	9672	VERTICAL	4660	9	16	7	CONCRETE			
26 Weber Ave	W. City Limits	Lloyd Rd	1390	24	3707	4	2780	11120	64	12	3	2304	VERTICAL	2780	7	13	0	CONCRETE			
27 Harding Dr	Euclid Ave	Grant Rd	2220	24	5920	4	4440	17760	65	3	12	2340	VERTICAL	4440	23	19	8	CONCRETE			
28 Rush Rd	Euclid Ave	Ridge Rd	4910	30	16367	5	9820	49100	125	9	14	15750	VERTICAL	9820	48	37	18	CONCRETE			
29 Arthur Ave	CL Worden Rd	Grand Blvd	1860	24	4960	5	3720	18600	34	13	20	8640	VERTICAL	3720	14	11	11	CONCRETE			
30 Twin Lakes Dr-1	Orlando Park	150' E of Ridgewick Dr	306	24.5	833	5	612	3060	2	7	17	238	VERTICAL	612	2	2	0	CONCRETE			
31 Ridgewick Dr	Ridge Rd	Cedarhurst Dr	990	24.5	2695	0	1980	0	13	10	18	2340	VERTICAL	1980	4	9	1	CONCRETE			
32 E. 300th St-1	Halifax St	Phillips Ave	780	20	1733	4	1560	6240	13	6	20	1560	VERTICAL	1560	8	11	3	CONCRETE			
33 Rodgers Dr-1	Ridgewick Dr	Ridgeview DR	400	24.5	1089	5	800	4000	3	5	15	225	VERTICAL	800	2	4	2	CONCRETE			
34 Juna St	Mapledale Dr	Douglas Dr	235	20	522	4	470	1880	4	3	20	240	VERTICAL	470	0	4	0	CONCRETE			
35 Phillips Ave-2	Worden Rd	Regent Rd	2180	24	5813	4	4360	17440	99	6	10	5940	VERTICAL	4360	19	17	19	CONCRETE			
36 Cedarhurst Dr	Ridgehurst Dr	CDS	1230	24.5	3348	0	2460	0	23	10	18	4140	VERTICAL	2460	1	10	4	CONCRETE			

**CITY OF WICKLIFFE  
PAVEMENT EVALUATION**

JOB No. = 07-349  
FILENAME = H:\200707349\REPORT\PAVEEVAL07.xls

**APPENDIX A  
STREET INVENTORY**

NO. STREET NAME	LIMITS (FROM)	(TO)	APPROX. AVE. PAVE. AREA		SIDEWALK		DRIVE APRONS			CURB	APPROX. LENGTH (FT.)	CASTINGS			EXISTING PAVEMENT TYPE			
			LENGTH (FT.)	WIDTH (FT.)	AVG. WIDTH (FT.)	AVG. LENGTH (FT.)	AREA (S.F.)	NO.	AVG. LENGTH (FT.)			AVG. WIDTH (FT.)	AREA (S.F.)	M.H. NO.		C.B. NO.	W.V. MON. NO.	
<b>CONCRETE ROADS (continued)</b>																		
37 Frances Dr	Overlook Dr	CDS	320	24	853	5	640	3200	9	6	20	1080	VERTICAL	640	4	2	4	CONCRETE
38 Norman Ave	W. City Limits	Lloyd Rd	1210	24	3227	5	2420	12100	59	3	12	2124	VERTICAL	2420	5	8	0	CONCRETE
39 Anderson Rd-1	CDS	E. 289th St	690	30	2300	4	690	2760	4	15	30	1800	VERTICAL	1380	2	6	1	CONCRETE
40 E. 290th St-1	Euclid Ave	Ridge Rd	1690	24.5	4601	4	3380	13520	44	4	12	2112	VERTICAL	3380	19	10	10	CONCRETE
41 Craneing Rd	CDS	Euclid Ave.	1850	24	4933	4	3700	14800	56	13	13	9464	VERTICAL	3700	16	15	2	CONCRETE
42 Catawba St-2	West End	E. 296th St	450	24	1200	0	900	0	10	8	17	1366	VERTICAL	900	4	6	0	CONCRETE
42 Lincoln Rd	Euclid Ave	Ridge Rd	1840	24	4907	5	3680	18400	47	12	14	7896	VERTICAL	3680	19	14	2	CONCRETE
43 Coulby Ct	Hazel Ave	CDS 40' Rad	457	24	1219	5	914	4570	12	8	13	1248	VERTICAL	914	8	8	3	CONCRETE
44 Nehls Park Dr	Euclid Ave	Rocketfeller Rd	645	24	1720	5	1290	6450	20	8	12	1800	VERTICAL	1290	8	6	5	CONCRETE
45 E. 300th St-3	Euclid Ave	Ridge Rd	3020	26.5	8892	5	8040	30200	83	11	14	12782	VERTICAL	6040	23	18	4	CONCRETE
46 Robindale St	Euclid Ave	South End	1905	24	5080	4	3810	15240	59	7	14	5782	VERTICAL	3810	15	15	0	CONCRETE
47 Fuller Ave	W. City Limits	Lloyd Rd	1025	24	2733	5	2050	10250	41	3	12	1476	VERTICAL	2050	8	6	5	CONCRETE
48 Kimberly Ct	Bonniewiew Dr	CDS	400	24	1067	0	0	0	10	13	20	2600	VERTICAL	800	1	3	5	CONCRETE
49 Vinewood Dr	Bryn Mawr Ave	Elmwood Ave	1385	24	3693	4	2770	11080	42	8	12	4032	VERTICAL	2770	9	8	8	CONCRETE
50 Tallmadge Ave	Grand Blvd	South End	2255	24	6013	5	4510	22550	38	8	12	3648	VERTICAL	4510	17	11	11	CONCRETE
51 Arlington Circle	Lincoln Rd	Lincoln Rd	1350	24	3600	5	2700	13500	40	7	12	3360	VERTICAL	2700	13	13	5	CONCRETE
52 Bonniewiew Dr	Garden Dr	CDS	1000	24	2667	0	0	0	15	13	20	3900	VERTICAL	2000	1	5	7	CONCRETE
53 Emily St	Mapledale Dr	Douglas Dr	235	20	522	4	470	1880	4	3	43	516	VERTICAL	470	0	3	1	CONCRETE
54 Club Ct	Rush Rd	CDS	155	24	413	4	310	1240	6	5	17	510	VERTICAL	310	2	2	3	CONCRETE
55 Elmwood Ave N	Bryn Mawr Ave	Grand Blvd	1385	24	3693	4	2770	11080	40	13	12	6240	VERTICAL	2770	11	8	2	CONCRETE
56 Elmwood Ave-3	150' N of Shaker Dr	Shaker Dr	150	24	400	4	300	1200	2	13	12	312	VERTICAL	300	2	2	1	CONCRETE
57 Enid Rd	Worden Rd	Regent Rd	710	24	1893	4	1420	5680	28	3	12	1008	VERTICAL	1420	8	6	2	CONCRETE
58 Halifax St	Worden Rd	Regent Rd	1050	24	2800	4	2100	8400	45	3	10	1350	VERTICAL	2100	11	8	1	CONCRETE
59 E. 305th St	N. City Limits	E. City Limits	890	50	4944	5	890	4450	7	5	24	840	VERTICAL	1780	8	5	1	CONCRETE
60 Clayton Ave	Lloyd Rd	East End	1915	30	6383	5	1915	9575	13	5	30	1950	ROLL	3830	11	23	18	CONCRETE
61 Lloyd Rd-2	Lakeland Blvd	Euclid Ave	2965	36	11860	5	5930	29650	25	5	25	3125	VERTICAL	5930	39	19	26	CONCRETE
62 Rocketfeller Rd-1	North End	Ridge Rd	3780	27	11370	5	7580	37900	102	8	18	14688	VERTICAL	7580	40	21	8	CONCRETE
63 Rocketfeller Rd-3	Sunset Dr	S. City Limits	3300	30	11000	5	3300	16500	39	9	12	4212	VERTICAL	6600	22	18	20	CONCRETE
64 Elgin Rd	Worden Rd	Regent Rd	1370	24	3653	4	2740	10960	57	4	10	2280	VERTICAL	2740	10	9	6	CONCRETE
65 Green Ridge Dr-2	200' S of Ashwood Dr	South End	300	24	800	5	600	3000	10	5	16	800	VERTICAL	600	2	1	3	CONCRETE
66 Willow St	E. 296th St	Robindale St	255	24	680	0	510	0	1	6	18	108	VERTICAL	510	0	1	0	CONCRETE
67 Anderson Rd-2	E. 289th St	Lloyd Rd	1440	30	4800	4	2880	11520	33	5	24	3960	VERTICAL	2880	10	11	9	CONCRETE
68 Alton Rd-2	E. 289th St	E. 290th St	410	22	1002	5	820	4100	11	9	12	1188	VERTICAL	820	2	4	2	CONCRETE
69 Catawba St-1	Robindale	E. 296th St	250	24	667	0	500	0	4	4	17	544	VERTICAL	500	2	2	0	CONCRETE
70 Lloyd Ct	Lloyd Rd	CDS	550	24	1467	5	550	2750	13	12	20	3120	VERTICAL	1100	1	4	2	CONCRETE
71 Johnson Dr	Bishop Rd	175' East of Bishop	175	24	467	0	350	0	2	6	18	216	VERTICAL	350	2	2	1	CONCRETE
72 E. 288th St-1	North End	Euclid Ave	1775	30	5917	4	1775	7100	31	5	15	2325	VERTICAL	3550	15	8	14	CONCRETE

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CITY OF WICKLIFFE  
PAVEMENT EVALUATION

JOB No. = 07-348

FILENAME = H:\200707348\REPORT\PAVEEVAL07.xls

NO. STREET NAME (FROM) LIMITS (TO)	APPROX. LENGTH (FT.)			PAVE. AREA (S.Y.)			SIDEWALK			DRIVE APRONS			CURB			CASTINGS			W.V./ MON. NO.	EXISTING PAVEMENT TYPE
	APPROX. LENGTH (FT.)	AVG. WIDTH (FT.)	PAVE. AREA (S.Y.)	AVG. WIDTH (FT.)	LENGTH (FT.)	AREA (S.F.)	NO. (FT.)	AVG. LENGTH (FT.)	AREA (S.F.)	NO. (FT.)	AVG. LENGTH (FT.)	AREA (S.F.)	M.H. NO.	C.B. NO.	APPROX. LENGTH (FT.)	TYPE				
<b>ASPHALT &amp; OVERLAY ROADS</b>																				
1 Twin Lakes Dr-2	150' E of Ridgewick Dr	Rush Rd	1344	24.5	3559	5	2688	13440	34	7	17	4046	VERTICAL	2688	12	8	9	ASPH O-LAY		
2 Lloyd Rd-1	N. City Limits	Lakeland Blvd	3020	30.5	12884	5	6040	30200	75	9	14	9450	VERTICAL	6040	31	22	17	ASPH O-LAY		
3 Elm St	E. 290th St	Lincoln Rd	1220	24.5	3321	4	2440	9760	28	8	16	3360	VERTICAL	2440	10	13	9	ASPH O-LAY		
4 Fenwick Dr	Stanford Dr	Larchmont Dr	630	24	1680	4	630	2520	3	6	18	324	VERTICAL	1260	2	4	1	ASPH O-LAY		
5 Miller Ave West	West City Limits	Rocketteller Rd	650	18	1300	0	1300	0	1	11	17	187	NONE	1300	0	0	0	ASPHALT		
6 E. 290th St-2	Ridge Rd	Sherbrook Dr	2620	24	6987	4	5240	20960	83	8	12	7988	VERTICAL	5240	20	15	9	ASPH O-LAY		
7 Larchmont Dr	E. 290th St	Sherbrook Dr	2350	24	6267	4	4700	18800	84	8	12	7560	VERTICAL	4700	15	16	10	ASPH O-LAY		
8 Empire Rd-2	952' S. of Grant Rd	Rush Rd	1130	24	3013	5	2260	11300	40	7	12	3360	VERTICAL	2260	11	8	4	ASPH O-LAY		
9 Homewood Dr	CDS 40' Rad	Lloyd Rd	1340	24	3573	5	2680	13400	58	7	12	4872	VERTICAL	2680	10	8	6	ASPH O-LAY		
10 Ridgeway Dr	Drenik Dr	Twin Lake Dr	2730	24.5	7432	5	5460	27300	85	7	13	7735	VERTICAL	5460	25	22	14	ASPH O-LAY		
11 Worden Rd-1	N. City Limits	Lakeland Blvd	<del>3000</del> 2985	31.5	8985	5	4060	20300	58	9	14	7308	VERTICAL	4060	47	16	20	ASPH O-LAY		
12 Grand Blvd	Lloyd Rd	Worden Rd	3720	30	12400	5	7440	37200	70	9	12	7560	VERTICAL	7440	25	30	24	ASPH O-LAY		
13 Empire Rd-1	Euclid Ave	952' S. of Grant Rd	2940	24	7840	5	5880	29400	96	7	12	8064	VERTICAL	5880	25	19	12	ASPH O-LAY		
14 Sunset Dr-1	Ridge Rd	Ashwood Dr	1630	24	4080	4	3060	12240	52	6	13	4056	VERTICAL	3060	12	8	11	ASPHALT		
15 E. 296th St	Euclid Ave	South End	1850	24.5	5936	4	3700	14800	41	3	14	1722	VERTICAL	3700	15	13	9	ASPHALT		
16 Robert St-2	Tallmadge Ave	Worden Rd	1470	24	3920	5	2940	14700	53	8	12	5088	VERTICAL	2940	9	11	2	ASPH O-LAY		
17 E. 291st St	Euclid Ave	Elm St	1230	24.5	3348	5	2460	12300	38	12	12	5472	VERTICAL	2460	13	9	6	ASPH O-LAY		
18 Frank Dr	E. 300th St	Ridgewick Dr	910	24	2427	4	1820	7280	27	9	14	3402	VERTICAL	1820	5	6	5	ASPHALT		
19 Lakeland Blvd	W. City Limits	N. City Limits	9870	55	60928	0	19940	0	69	20	35	48300	VERTICAL	9870	41	39	31	ASPH O-LAY		
20 Park St	West End	East End	500	24	1333	5	1000	5000	14	7	14	1372	VERTICAL	1000	4	6	4	ASPH O-LAY		
21 Green Ridge Dr-1	Ridge Rd	200' S. of Ashwood Dr	1640	24	4373	5	3280	16400	70	7	14	6860	VERTICAL	3280	11	7	7	ASPHALT		
22 E. 294th St-2	Euclid Ave	Park St	1280	24.5	3512	5	2580	12900	46	7	14	4188	VERTICAL	2580	8	8	7	ASPHALT		
23 Silver St-2	Euclid Ave	Park St	1045	24.5	2845	5	2090	10450	31	7	12	2604	VERTICAL	2090	5	6	9	ASPHALT		
24 Dennis Dr	Rush Rd	Grant Rd	1100	24.5	2994	5	2200	11000	34	7	12	2856	VERTICAL	2200	11	9	3	ASPH O-LAY		
25 Maple St	Euclid Ave	Elm St	1270	24.5	3457	5	2540	12700	35	12	12	4830	VERTICAL	2540	10	8	6	ASPHALT		
26 Sherbrook Dr	West End	Larchmont Dr	1020	24	2720	4	2040	8160	23	8	12	2070	VERTICAL	2040	13	7	11	ASPH O-LAY		
27 Fairway Dr	Ridgewick Dr	North End	630	22	1540	0	1260	0	19	10	20	3800	NONE	1260	5	5	0	ASPHALT		
28 Hazel Ave-1	Bishop Rd	E. 289th St	930	24.5	2532	4	1860	7440	41	8	12	3936	CURB & GUTTER	1860	6	4	6	ASPH O-LAY		
29 Kerry Lane	Empire Rd	CDS	315	24	840	5	630	3150	8	7	11	816	VERTICAL	630	1	3	3	ASPH O-LAY		
30 Ashwood Dr-1	Green Ridge Dr	180' E. of Green Ridge Dr	180	22	440	4	360	1440	2	8	12	192	VERTICAL	360	0	0	0	ASPHALT		
31 E. 298th St-3	Alton Rd	Hazel Ave	570	24.5	1552	4	1140	4560	8	8	12	768	CURB & GUTTER	1140	6	4	2	ASPH O-LAY		
32 Garden Dr-2	Ridge Rd	CDS 64' Rad	1590	22	3887	0	3180	0	35	6	15	3150	VERTICAL	3180	2	9	0	ASPHALT		
33 Stanford Dr	CDS	Sherbrook Dr	1010	24	2893	4	2020	8080	29	8	12	2784	VERTICAL	2020	12	6	6	ASPH O-LAY		
34 Pine Ridge Dr	Ridge Rd	Bridle Path Trail	1380	22	3373	0	2760	0	28	5	16	2240	NONE	2760	5	5	2	ASPHALT		
35 Roosevelt Rd	Douglas Rd	Harold St	982	24	2845	4	1984	7936	37	4	14	2072	VERTICAL	1984	8	7	3	ASPH O-LAY		
36 Euclid Ave (US20)	W. City Limits	E. City Limits	14160	44	84927	10	28320	283200	177	5	20	17700	VERTICAL	28320	69	53	82	ASPH O-LAY		
37 E. 298th St	Euclid Ave	South End	1482	22	3623	4	2984	11856	45	8	14	5040	NONE	2984	9	10	6	ASPHALT		
38 Bellview St	Clayton Ave	Euclid Ave	1090	24	2807	4	2180	8720	32	5	12	1920	VERTICAL	2180	10	8	5	ASPH O-LAY		
39 Armadale Ave	Beechwood Dr	Rocketteller Rd	1452	22	3549	0	2904	0	33	10	20	6800	NONE	2904	12	10	6	ASPHALT		
40 Parkwood Dr-1	E. City Limits	160' E. of Ezmore	710	24	1893	5	1420	7100	21	8	10	1680	VERTICAL	1420	10	6	6	ASPH O-LAY		
41 Dorothy Dr	E. 300th St	Ridgewick Dr	815	24.5	2491	4	1830	7320	27	7	18	3402	CURB & GUTTER	1830	5	6	3	ASPH O-LAY		
42 Truman Ave-2	Worden Rd	Regent Rd	2995	24	7987	5	5990	29950	113	7	12	9492	CURB & GUTTER	5990	22	18	4	ASPHALT		
43 Grant Rd-2	Rush Rd	Douglas Rd	1355	24	3613	5	2710	13550	18	3	12	648	CURB & GUTTER	2710	13	10	8	ASPH O-LAY		
44 Beechwood Dr	Armadale Ave	Rocketteller Rd	1175	24	3133	5	2350	11750	35	8	12	3150	VERTICAL	2350	9	6	3	ASPH O-LAY		
45 Mark Ct	Rush Rd	CDS 45' Rad	240	24	640	4	480	1920	9	7	12	756	VERTICAL	480	2	1	3	ASPH O-LAY		
46 Rodgers Dr-2	Ridgeway Dr	Drenik Dr	625	24.5	1701	5	1250	6250	5	5	15	375	CURB & GUTTER	1250	2	5	2	ASPH O-LAY		
47 Shaker Dr	Bryn Mawr Ave	Tallmadge Ave	1845	24	4920	4	3690	14760	66	8	12	6336	VERTICAL	3690	15	12	11	ASPH O-LAY		
48 Byn Mawr Ave-1	Parkwood Dr	Grand Blvd	1470	24	3920	4	2940	11760	43	14	10	6020	VERTICAL	2940	11	11	7	ASPH O-LAY		
49 Ridge Rd (SR 84)	West City Limits	East City Limits	14200	43	67844	5	28400	142000	193	8	16	24704	VERTICAL	28400	33	113	62	ASPH O-LAY		

CITY OF WICKLIFFE  
PAVEMENT EVALUATION  
APPENDIX A  
STREET INVENTORY

JOB No. = 07-349  
FILENAME = H:\300707349\REPORT\PAVEEVAL07.218

NO. STREET NAME	LIMITS (FROM)	(TO)	APPROX. AVG. PAVE. AREA		SIDEWALK		DRIVE APRONS		CURB TYPE	APPROX. LENGTH (FT.)	CASTINGS		EXISTING PAVEMENT TYPE	
			LENGTH (FT.)	WIDTH (FT.)	WIDTH (FT.)	AVG. LENGTH (FT.)	NO. (FT.)	AVG. LENGTH-WIDTH (FT.)			M.H. NO.	C.B. NO.		W.V. MON. NO.
ASPHALT & OVERLAY ROADS (Continued)														
50 Briar Ct	Rush Rd	CDS	155	24.5	422	5	310	6	8	18	864	310	3	ASPH O-LAY
51 Regent Rd-1	Worden Rd	Enid Rd	745	24	1987	4	1490	25	3	12	900	1490	6	ASPH O-LAY
52 Bryn Mawr Ave-2	Grand Blvd	South End	2000	24	5333	4	4000	56	14	10	7840	4000	16	ASPH O-LAY
53 Alton Rd-1	Bishop Rd	E. 289th St	950	24.5	2586	4	1900	27	8	12	2592	1900	6	ASPH O-LAY
54 Larchmont Ct	Sherbrook Dr	CDS 40' Rad	190	24	507	4	380	7	5	15	525	380	2	ASPH O-LAY
55 Valley View Dr	Rocketfeller Rd	CDS	1310	24	3493	5	2620	32	8	18	4320	2620	12	ASPH O-LAY
56 Grant Rd-1	Drenik Dr	Rush Rd	340	24	907	5	680	3	3	12	108	680	0	ASPH O-LAY
57 Eldon Dr-2	Rodgers Dr	Twin Lake Dr	1320	24.5	3593	5	2640	44	7	13	4004	2640	11	ASPH O-LAY
58 Franklin Ave	Tallmadge Ave	Worden Rd	1750	24	4667	5	3500	34	8	15	4080	3500	14	ASPH O-LAY
59 Warren Rd	CDS 40' Rad	Regent Rd	1225	24	3267	5	2450	42	8	10	3360	2450	10	ASPH O-LAY
60 Ridgwick Dr-1	Euclid Ave	Rodgers Dr	1350	24	3600	5	2700	8	7	28	1568	2700	15	ASPH O-LAY
61 Forestview Rd	W. City Limits	Lloyd Rd	130	30	433	5	260	1	8	35	280	260	1	ASPH O-LAY
62 Bonnie Ct	Rush Rd	CDS	220	24.5	599	5	440	8	7	12	672	440	2	ASPH O-LAY
63 Bridle Path Trail	CDS	East End	1240	20	2756	0	2480	19	6	18	2052	2480	6	ASPHALT
64 Buena Vista Dr-1	Ridge Rd	Sunset Dr	1680	24	4480	4	3360	52	6	12	3744	3360	10	ASPHALT
65 County Club Dr	Ridge Rd	Bridle Path Trail	1660	20	3689	0	3320	31	6	16	2976	3320	7	ASPHALT
66 Leslie Ct	Oakwood Dr	CDS	185	24	493	4	370	8	5	12	480	370	3	ASPH O-LAY
67 Meadowbrook Dr	Rocketfeller Rd	E. City Limits	1280	20	2844	0	2560	22	14	18	5644	2560	2	ASPHALT
68 Phillips Ave-1	CDS	Garden Dr	750	24	2000	0	1500	18	5	18	1620	1500	8	ASPH O-LAY
69 Ridgwick Dr-2	Rodgers Dr	Worden Rd	1540	24	4107	5	3080	55	8	12	5280	3080	9	ASPH O-LAY
70 Ridgwick Dr-2	Rodgers Dr	340' N of Twin Lakes Dr	950	24	2533	5	1900	32	7	14	3136	1900	8	ASPH O-LAY
71 Buena Vista Dr-2	Sunset Dr	Nehls Park Dr	670	19	1414	0	1340	10	8	12	960	1340	5	ASPHALT
72 Jackson Ave	Rocketfeller Rd	East End	825	20	1833	0	1650	12	6	12	864	1650	2	ASPHALT
73 Sunset Dr - 2	Ashwood Dr	Rocketfeller Rd	660	22	1613	4	1320	52	6	13	4056	1320	12	ASPHALT
74 Hazel Ave-2	E. 289th St	E. 290th St	440	24	1173	4	880	12	5	16	960	880	6	ASPHALT
75 Meadow St	West End	E. 296th St	400	22	978	0	800	11	9	22	2178	800	3	ASPHALT
76 Mt. Carmel Dr	Euclid Ave	CDS	620	24	1653	5	1240	12	7	14	1176	1240	5	ASPH O-LAY
77 Oakwood Dr	Bryn Mawr Ave	Elimwood Ave	1020	24	2720	4	2040	27	14	12	4536	2040	10	ASPH O-LAY
78 Sterling Rd	Parkwood Dr	CDS	910	24	2427	5	1820	38	8	12	3648	1820	8	ASPH O-LAY
79 Waldensa Ave	West End	Rocketfeller Rd	1120	24	2987	0	2240	30	5	15	2250	2240	2	ASPHALT
80 Woodway Dr	West End	E. 296th St	390	19	823	0	780	9	6	18	972	780	0	ASPHALT
81 Woodway Dr	Bryn Mawr Ave	Elimwood Ave	1040	24	2773	4	2080	34	8	12	3264	2080	10	ASPH O-LAY
82 Arbor St	Euclid Ave	Rush Rd	1360	24.5	3702	4	2720	34	6	12	2448	2720	8	ASPHALT
83 E. 300th St-2	Railroad	Euclid Ave	1010	18	2020	0	2020	31	8	13	3224	2020	3	ASPHALT
84 Overlook Dr	CDS	Rush Rd	1220	24	3253	5	2440	26	8	18	3744	2440	16	ASPH O-LAY
85 Ashwood Dr-2	180' E. of Green Ridge Dr	Sunset Dr.	370	22	904	4	370	15	8	12	1440	740	3	ASPHALT
86 Robert St-3	Worden Rd	Regent Rd	2570	24	6853	4	5140	116	6	10	6960	5140	21	ASPHALT
87 Silver St-1	Clayton Ave	Euclid Ave	1125	22	2750	0	2250	13	15	12	2340	2250	2	ASPHALT
88 Delaware Dr	North End	Jackson Ave	1160	24	3093	0	2320	26	18	19	8892	2320	7	ASPHALT
89 Drenik Dr	Euclid Ave	Twin Lake Dr	3345	24.5	9106	5	6690	101	12	14	16968	6690	27	ASPH O-LAY
90 Eldon Dr-1	Ridgwick Dr	Rodgers Dr	1000	24.5	2722	5	2000	35	7	13	3185	2000	9	ASPH O-LAY
91 E. 294th St-1	North End	Euclid Ave	390	24	1040	0	780	2	5	20	200	780	3	ASPHALT
92 Elimwood Ave-2	Grand Blvd	150' N of Shaker Dr	1370	24	3653	5	2740	46	12	12	6624	2740	12	ASPH O-LAY

CITY OF WICKLIFFE  
PAVEMENT EVALUATION

JOB No. = 07-349

FILENAME = H:\2007\0714\REPORT\PAVEEVAL07.xls

APPENDIX A  
STREET INVENTORY

NO. STREET NAME	LIMITS (FROM)	(TO)	APPROX. LENGTH (FT.)	AVG. WIDTH (FT.)	PAVE. AREA (S.Y.)	SIDEWALK		DRIVE APRONS	CURB	APPROX. LENGTH (FT.)	CASTINGS		EXISTING PAVEMENT TYPE	
						AVG. WIDTH (FT.)	LENGTH (FT.)				M.H. NO.	C.B. NO.		W.V./ MON. NO.
<b>TAR AND CHIP ROADS</b>														
1 Truman Ave-1	West End	Worden Rd	195	22	477	0	390	2	NONE	390	0	2	0	TAR & CHIP
2 Luxona Ave	West End	Rockefeller Rd	820	19	1731	0	1640	19	2052	1640	2	4	0	TAR & CHIP
3 Cabin Dr	Clark Dr	Johnson Dr	510	19	1077	0	1020	3	336	1020	3	1	0	TAR & CHIP
4 E. 283rd St	North End	Euclid Ave	400	22	978	0	800	0	NONE	800	0	0	0	TAR & CHIP
5 Johnson Dr	175' East of Bishop	Cabin Dr	635	19	1341	0	1270	14	1512	1270	4	4	1	TAR & CHIP
6 Ashmere	Euclid Ave	Alton Rd	400	20	889	4	800	12	1014	800	4	2	1	TAR & CHIP
7 Miller Ave	Rockefeller Rd	E. City Limits	990	20	2200	0	1980	8	600	1980	0	5	0	TAR & CHIP
8 Clark Dr	Bishop Rd	Cabin Dr	705	19	1488	0	1410	14	1558	1410	2	1	0	TAR & CHIP

APPENDIX A  
STREET INVENTORY  
SUMMARY

NO. STREET NAME	LIMITS (FROM)	(TO)	APPROX. LENGTH (FT.)	PAVE. AREA (S.Y.)	SIDEWALK		DRIVE APRONS	CURB	APPROX. LENGTH (FT.)	CASTINGS		W.V./ MON. NO.
					AVG. WIDTH (FT.)	LENGTH (FT.)				M.H. NO.	C.B. NO.	
<b>TOTALS:</b>												
All Roads			238979	780568	455455	1896570	5649	636755	467988	1679	1583	1100
LENGTH IN MI. =			45.3		86.3			14.82	88.6			
AREA IN AC. =			161.27		43.54			0.02	14.82			
AREA IN SQ. MI. =			0.25		0.07			0.02	0.02			
<b>Concrete Roads</b>												
LENGTH IN MI. =			16.8		29.4			5.05	33.5			
AREA IN AC. =			54.50		14.92			0.01	5.05			
AREA IN SQ. MI. =			0.09		0.02			0.01	0.01			
<b>Asphalt Roads And Asphalt Overlay Roads</b>												
LENGTH IN MI. =			27.6		55.1			9.39	53.4			
AREA IN AC. =			104.66		28.55			0.01	9.39			
AREA IN SQ. MI. =			0.16		0.04			0.01	0.01			
<b>Tar &amp; Chip Roads</b>												
LENGTH IN MI. =			0.9		1.8			0.19	1.8			
AREA IN AC. =			2.10		0.07			0.00	0.19			
AREA IN SQ. MI. =			0.00		0.00			0.00	0.00			

**APPENDIX B**

**PAVEMENT EVALUATION/  
IMPROVEMENT OPTIONS SPREADSHEET**

CITY OF WICKLIFFE  
PAVEMENT EVALUATION

APPENDIX B  
PAVEMENT EVALUATION

JOB No. = 07-348  
FILENAME = K:\2007\07348\REPORT\PAVEEVAL07.xls

NO. STREET NAME	TRAFFIC VOLUME	% CURB REPAIR	PAVEMENT RATING VALUES, "0" = NO DEFECT										IMPROVEMENT OPTIONS										LAST RATING DATE					
			TRANS LONGI-TUDINAL CRACKS (0-5)	ALLI-GATOR (0-10)	POT HOLES (0-10)	DRAIN-AGE (0-10)	RUTTS/SPALLS (0-10)	RIDE QUALITY (0-10)	POLISH AGGR/ OXIDTN (0-5)	TOTAL RATING VALUE	TRAFFIC MULTIPLIER	ADJUSTED RATING	CRACK SEAL (0-5)	ASPHALT REJUVINATOR (0-5)	CONC SEAL (0-5)	JOINT PATCH REPAIRS (0-5)	JOINT OVERLAY (0-5)	REPLACE-MENT (0-5)	PREVIOUS IMPROVEMENTS YEAR	TYPE								
1 Reskeleier Rd-2	1 HEAVY	30%	4	2	2	10	0	0	4	7	4	33.0	1.2	38.6	0	0	0	0	3	3	5	2008 - NEW	REPAIRS	AUG. '07				
2 Harrison Rd	3 LIGHT	25%	5	4	3	4	5	4	4	8	3	36.0	1.0	36.0	0	0	0	0	4	5	2	2010 - PATCH	REPAIRS	AUG. '07				
3 Robert St-1	3 LIGHT	20%	4	3	0	9	1	5	8	2	32.0	1.0	32.0	0	0	0	0	0	5	5	2	2010 - PATCH	REPAIRS	AUG. '07				
4 Rickey Lane	3 LIGHT	25%	4	4	0	8	4	1	8	2	31.0	1.0	31.0	1	0	0	0	2	5	5	3	2010 - PATCH	REPAIRS	AUG. '07				
5 Ridgewick Dr-3	3 LIGHT	20%	4	3	0	8	2	6	7	1	31.0	1.0	31.0	1	0	0	0	2	5	2	0	2010 - PATCH	REPAIRS	AUG. '07				
6 Parkwood Dr-2	2 MEDIUM	10%	4	5	0	9	3	3	4	0	28.0	1.1	30.8	0	0	0	0	2	5	0	1	2010 - PATCH	REPAIRS	AUG. '07				
7 Ridgehills Dr	2 MEDIUM	20%	5	3	0	8	0	0	8	1	25.0	1.1	27.5	0	0	0	0	4	5	1	2	2008 - RESURF.	REPAIRS	AUG. '07				
8 Harold St	3 LIGHT	10%	4	5	1	5	2	1	7	2	27.0	1.0	27.0	0	0	0	0	5	5	2	0	2008 - RESURF.	REPAIRS	AUG. '07				
9 Serenity Lane	3 LIGHT	15%	5	5	0	5	0	3	7	2	27.0	1.0	27.0	0	0	0	0	3	3	1	3	2008 - RESURF.	REPAIRS	AUG. '07				
10 E. 286th St	2 MEDIUM	10%	1	2	2	6	2	1	7	3	24.0	1.1	26.4	2	0	0	0	3	1	0	0	0	2010 - PATCH	REPAIRS	AUG. '07			
11 Bishop Rd	1 HEAVY	5%	2	1	2	2	0	9	3	3	22.0	1.2	26.4	2	0	0	0	5	0	0	0	0	2010 - PATCH	REPAIRS	AUG. '07			
12 Laurel Lane	3 LIGHT	25%	3	3	2	4	1	4	6	2	25.0	1.0	25.0	4	0	0	0	5	5	3	0	0	2010 - PATCH	REPAIRS	AUG. '07			
13 Richard Ct	3 LIGHT	10%	2	2	1	7	1	4	7	1	25.0	1.0	25.0	2	0	0	0	2	4	0	0	0	2010 - PATCH	REPAIRS	AUG. '07			
14 Garden Dr-1	3 LIGHT	5%	4	5	0	3	0	3	7	2	24.0	1.0	24.0	3	0	0	0	3	5	1	0	0	2010 - PATCH	REPAIRS	AUG. '07			
15 Gary Ct	3 LIGHT	10%	3	3	1	3	1	3	7	2	23.0	1.0	23.0	0	0	0	0	0	5	0	0	0	0	2010 - PATCH	REPAIRS	AUG. '07		
16 Worden Rd-2	1 HEAVY	20%	3	2	0	6	0	0	0	6	2	19.0	1.2	22.8	4	0	0	0	2	5	1	0	0	1996 REPAIRS	REPAIRS	AUG. '07		
17 Palisades Pkwy	2 MEDIUM	20%	3	1	3	5	0	1	5	1	19.0	1.1	20.9	5	0	0	0	5	2	2	0	0	0	2010 - PATCH	REPAIRS	AUG. '07		
18 Ezmor Lane	3 LIGHT	5%	4	4	0	5	2	1	3	1	20.0	1.0	20.0	3	0	0	0	3	5	0	0	0	0	2010 - PATCH	REPAIRS	AUG. '07		
19 Kennedy Dr	3 LIGHT	20%	3	3	2	4	1	2	5	0	20.0	1.0	20.0	3	0	0	0	3	5	0	0	0	0	2010 - PATCH	REPAIRS	AUG. '07		
20 Douglas Dr	2 MEDIUM	5%	2	1	1	4	2	3	3	2	18.0	1.1	19.8	2	0	0	0	1	0	0	0	0	0	2010 - PATCH	REPAIRS	AUG. '07		
21 Sun Ave	2 MEDIUM	20%	3	3	2	4	1	1	3	1	18.0	1.1	19.8	4	0	0	0	4	0	0	0	0	0	0	2010 - PATCH	REPAIRS	AUG. '07	
22 Regent Rd-2	2 MEDIUM	5%	3	2	1	4	0	1	4	2	17.0	1.0	18.7	5	0	0	0	5	4	1	0	0	0	2010 - PATCH	REPAIRS	AUG. '07		
23 Woodrow Ave	3 LIGHT	5%	2	1	0	4	2	5	3	1	18.0	1.0	18.0	1	0	0	0	5	4	0	0	0	0	0	2010 - PATCH	REPAIRS	AUG. '07	
24 Cindy Dr	3 LIGHT	0%	3	3	0	3	0	2	5	1	17.0	1.0	17.0	1	0	0	0	3	5	0	0	0	0	0	2010 - PATCH	REPAIRS	AUG. '07	
25 Mapledele Dr	3 LIGHT	10%	3	2	1	3	3	0	4	1	17.0	1.0	17.0	1	0	0	0	4	2	0	0	0	0	0	2010 - PATCH	REPAIRS	AUG. '07	
26 Weber Ave	3 LIGHT	100%	1	1	10	0	1	1	2	1	17.0	1.0	17.0	0	0	0	0	0	5	2	0	0	0	0	1996 REPAIRS	REPAIRS	AUG. '07	
27 Herding Dr	3 LIGHT	15%	2	1	1	5	1	3	2	1	16.0	1.0	16.0	3	0	0	0	3	0	0	0	0	0	0	1996 REPAIRS	REPAIRS	AUG. '07	
28 Rush Rd	1 HEAVY	5%	3	1	0	5	2	1	1	0	13.0	1.2	15.6	3	0	0	0	3	0	0	0	0	0	0	1996 REPAIRS	REPAIRS	AUG. '07	
29 Arthur Ave	2 MEDIUM	5%	2	2	1	2	1	2	3	1	14.0	1.1	15.4	3	0	0	0	2	4	3	0	0	0	0	1996 REPAIRS	REPAIRS	AUG. '07	
30 Twin Lakes Dr-1	2 MEDIUM	10%	3	2	0	2	0	0	5	1	13.0	1.1	14.3	3	0	0	0	4	3	0	0	0	0	0	1996 REPAIRS	REPAIRS	AUG. '07	
31 Ridgehurst Dr	3 LIGHT	15%	3	2	0	2	0	4	2	1	14.0	1.0	14.0	4	0	0	0	4	5	0	0	0	0	0	1996 REPAIRS	REPAIRS	AUG. '07	
32 E. 300th St-1	3 LIGHT	10%	2	3	0	1	0	3	2	2	13.0	1.0	13.0	5	0	0	0	5	2	0	0	0	0	0	1996 REPAIRS	REPAIRS	AUG. '07	
33 Rodgers Dr-1	3 LIGHT	10%	3	2	0	2	0	0	4	2	13.0	1.0	13.0	4	0	0	0	2	3	0	0	0	0	0	1996 REPAIRS	REPAIRS	AUG. '07	
34 Juna St	3 LIGHT	0%	5	3	0	0	1	0	3	0	12.0	1.0	12.0	5	0	0	0	5	1	0	0	0	0	0	1996 REPAIRS	REPAIRS	AUG. '07	
35 Phillips Ave-2	3 LIGHT	10%	1	1	0	0	0	4	4	2	12.0	1.0	12.0	3	0	0	0	2	0	0	0	0	0	0	0	1996 REPAIRS	REPAIRS	AUG. '07
36 Cedarhurst Dr	3 LIGHT	5%	3	1	0	2	0	0	0	3	1	10.0	1.0	10.0	3	0	0	0	4	4	0	0	0	0	0	1991 NEW	REPAIRS	AUG. '07





CITY OF WICKLIFFE  
PAVEMENT EVALUATION

JOB NO. = 07-348  
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APPENDIX B  
PAVEMENT EVALUATION

NO. STREET NAME	TRAFFIC VOLUME	% CURB REPAIR	PAVEMENT RATING VALUES, "0" = NO DEFECT										RECOMMENDATIONS, "0" = DO NOTHING										PREVIOUS IMPROVEMENTS YEAR	LAST RATING DATE								
			TRANS CRACKS (0-5)	LONGI CRACKS (0-5)	ALLI CRACKS (0-5)	PATCH/ HOLES (0-10)	POT AGE (0-10)	DRAIN. AGE (0-10)	RUTTING/ SPALLS (0-10)	RIDE QUALITY (0-10)	RIDE QUALITY (0-10)	ASGR/ OXIDTN (0-5)	POLISD (0-5)	TOTAL TRAFFIC RATING VALUE (0-5)	ADJUSTED RATING (0-5)	CRACK SEAL (0-5)	REINUV. INATOR (0-5)	ASPHALT SEAL (0-5)	CONC. SEAL (0-5)	JOINT/ PATCH REPAIRS (0-5)	OVERLAY LAY (0-5)	REPLACE MENT (0-5)										
50 Briar Ct	3 LIGHT	0%	2	1	2	0	0	0	0	0	0	0	1	3	9.0	1.0	5	5	0	0	0	0	0	0	0	0	0	0	2000 RESURFACED	AUG.'07		
51 Regent Rd-1	3 LIGHT	0%	1	1	1	0	0	0	0	0	0	2	4	9.0	1.0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	1998 RESURFACED	AUG.'07	
52 Byn Mawr Ave-2	2 MEDIUM	0%	1	1	0	1	0	2	1	0	2	1	2	8.0	1.1	3	4	0	0	0	0	0	0	0	0	0	0	0	0	1998 RESURFACED	AUG.'07	
53 Alton Rd-1	3 LIGHT	0%	1	1	1	0	0	1	0	0	1	0	4	8.0	1.0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2002 RESURFACED	AUG.'07	
54 Larchmont Ct	3 LIGHT	0%	1	1	0	0	0	0	0	0	0	3	3	8.0	1.0	5	5	0	0	0	0	0	0	0	0	0	0	0	0	1996 RESURFACED	AUG.'07	
55 Valley View Dr	3 LIGHT	5%	2	1	0	1	0	0	0	0	0	3	1	8.0	1.0	5	4	0	0	0	0	0	0	0	0	0	0	0	0	2000 RESURFACED	AUG.'07	
56 Grant Rd-1	2 MEDIUM	0%	1	1	2	0	0	0	0	0	2	1	7.0	1.1	7.7	1.1	4	0	0	0	0	0	0	0	0	0	0	0	0	2002 RESURFACED	AUG.'07	
57 Eldon Dr-2	3 LIGHT	0%	2	1	0	0	0	0	0	0	3	1	7.0	1.0	7.0	1.0	3	3	0	0	0	0	0	0	0	0	0	0	0	2000 RESURFACED	AUG.'07	
58 Franklin Ave	3 LIGHT	0%	1	1	0	0	0	1	1	0	1	3	7.0	1.0	7.0	1.0	4	0	0	0	0	0	0	0	0	0	0	0	0	1998 RESURFACED	AUG.'07	
59 Warren Rd	3 LIGHT	0%	1	1	1	0	0	0	0	0	1	3	7.0	1.0	7.0	1.0	4	0	0	0	0	0	0	0	0	0	0	0	0	1998 RESURFACED	AUG.'07	
60 Ridgewick Dr-1	2 MEDIUM	0%	2	2	0	0	0	0	0	0	1	1	6.0	1.1	6.6	1.1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1998 RESURFACED	AUG.'07
61 Forestview Rd	2 MEDIUM	50%	1	1	1	1	0	0	0	0	1	1	6.0	1.1	6.6	1.1	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2002 RESURFACED	AUG.'07
62 Bonnie Ct	3 LIGHT	0%	1	1	1	0	0	0	0	0	0	3	6.0	1.0	6.0	1.0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2002 RESURFACED	AUG.'07
63 Bridle Path Trail	3 LIGHT	0%	2	1	1	0	0	0	0	0	1	1	6.0	1.0	6.0	1.0	5	3	0	0	0	0	0	0	0	0	0	0	0	0	1998 NEW	AUG.'07
64 Buena Vista Dr-1	3 LIGHT	0%	1	0	2	1	0	0	0	0	1	1	6.0	1.0	6.0	1.0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2004 RESURFACED	AUG.'07
65 County Club Dr	3 LIGHT	0%	1	1	0	1	0	0	0	0	1	2	6.0	1.0	6.0	1.0	5	4	0	0	0	0	0	0	0	0	0	0	0	0	1998 NEW	AUG.'07
66 Leslie Ct	3 LIGHT	0%	2	2	0	0	0	0	1	0	0	1	6.0	1.0	6.0	1.0	5	4	0	0	0	0	0	0	0	0	0	0	0	0	2004 RESURFACED	AUG.'07
67 Meadowbrook Dr	3 LIGHT	0%	0	1	1	1	0	1	0	0	1	0	2	6.0	1.0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1999 NEW	AUG.'07
68 Meadowview Dr	3 LIGHT	0%	2	1	0	0	0	0	0	0	2	1	6.0	1.0	6.0	1.0	5	4	0	0	0	0	0	0	0	0	0	0	0	0	2001 RESURFACED	AUG.'07
69 Phillips Ave-1	3 LIGHT	0%	2	1	0	0	0	0	0	0	0	1	6.0	1.0	6.0	1.0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1998 RESURFACED	AUG.'07
70 Ridgewick Dr-2	2 MEDIUM	0%	2	1	1	0	0	0	0	0	1	2	5.0	1.1	5.5	1.1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2001 RESURFACED	AUG.'07
71 Buena Vista Dr-2	3 LIGHT	0%	0	0	0	2	0	0	0	0	1	2	5.0	1.0	5.0	1.0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	2000 NEW	AUG.'07
72 Jackson Ave	3 LIGHT	0%	0	1	0	2	2	0	0	0	1	0	5.0	1.0	5.0	1.0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2005 NEW	AUG.'07
73 Sunset Dr - 2	3 LIGHT	0%	1	0	0	1	0	0	0	0	1	2	5.0	1.0	5.0	1.0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2000 NEW	AUG.'07
74 Hazel Ave-2	3 LIGHT	0%	1	0	0	0	0	0	0	0	1	2	4.0	1.0	4.0	1.0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2003 NEW	AUG.'07
75 Meadow Sl	3 LIGHT	0%	1	1	0	0	0	0	0	0	1	0	4.0	1.0	4.0	1.0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1996 NEW	AUG.'07
76 Mt. Carmel Dr	3 LIGHT	0%	1	0	0	0	0	0	0	0	1	2	4.0	1.0	4.0	1.0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2004 RESURFACED	AUG.'07
77 Oakwood Dr	3 LIGHT	20%	1	0	0	1	1	0	0	0	1	1	4.0	1.0	4.0	1.0	5	4	0	0	0	0	0	0	0	0	0	0	0	0	2004 RESURFACED	AUG.'07
78 Sterling Rd	3 LIGHT	0%	1	1	0	0	0	0	0	0	1	1	4.0	1.0	4.0	1.0	5	4	0	0	0	0	0	0	0	0	0	0	0	0	2004 RESURFACED	AUG.'07
79 Waldensa Ave	3 LIGHT	0%	0	0	0	1	0	0	0	0	1	2	4.0	1.0	4.0	1.0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2004 NEW	AUG.'07
80 Wood Sl	3 LIGHT	0%	0	2	0	0	0	0	0	0	0	2	4.0	1.0	4.0	1.0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2001 NEW	AUG.'07
81 Woodway Dr	3 LIGHT	0%	1	0	0	0	0	0	0	0	0	0	4.0	1.0	4.0	1.0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2005 RESURFACED	AUG.'07
82 Arbor Sl	3 LIGHT	0%	0	1	0	0	0	2	0	0	1	0	4.0	1.0	4.0	1.0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2001 NEW	AUG.'07
83 E. 300th St-2	3 LIGHT	0%	1	0	0	1	0	0	0	0	0	1	3.0	1.0	3.0	1.0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	1999 NEW	AUG.'07
84 Overlook Dr	3 LIGHT	0%	1	1	0	0	0	0	0	0	1	0	3.0	1.0	3.0	1.0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2004 RESURFACED	AUG.'07
85 Ashwood Dr-2	3 LIGHT	0%	0	1	0	0	0	0	0	0	0	1	2.0	1.0	2.0	1.0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2003 RESURFACED	AUG.'07
86 Robert Sl-3	3 LIGHT	0%	0	0	0	0	0	0	0	0	0	0	2.0	1.0	2.0	1.0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2004 NEW	AUG.'07
87 Silver Sl-1	3 LIGHT	0%	0	1	0	0	0	0	0	0	1	0	2.0	1.0	2.0	1.0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2005 NEW	AUG.'07
88 Delaware Dr	3 LIGHT	0%	0	0	0	0	0	0	0	0	1	0	1.0	1.0	1.0	1.0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	2007 RESURFACED	AUG.'07
89 Drenik Dr	3 LIGHT	0%	0	0	0	0	0	0	0	0	1	0	1.0	1.0	1.0	1.0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	2007 RESURFACED	AUG.'07
90 Eldon Dr-1	3 LIGHT	0%	0	0	0	0	0	0	0	0	1	0	1.0	1.0	1.0	1.0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2004 NEW	AUG.'07
91 E. 294th Sl-1	3 LIGHT	0%	0	0	0	0	0	0	0	0	0	0	0.0	1.0	0.0	1.0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	2004 NEW	AUG.'07
92 Elmwood Ave-2	2 MEDIUM	0%	0	0	0	0	0	0	0	0	0	0	0.0	1.1	0.0	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2007 RESURFACED	AUG.'07



**APPENDIX C**

**BUDGETARY COST ESTIMATES**

CITY OF WICKLIFFE  
PAVEMENT EVALUATION

JOB No. = 07-349

FILENAME = HY200707340REPORTPAVEEVAL07.26

APPENDIX C  
BUDGETARY PROJECT COSTS FOR VARIOUS IMPROVEMENTS

NO.	STREET NAME	APPROX. LENGTH (FT.)	AVG. WIDTH (FT.)	PAVE. AREA (S.F.)	EXISTING PAVEMENT TYPE	CRACK SEALING			ASPHALT REJUVINATOR			CONCRETE SEALER			JOINT/PATCH REPAIRS			GRIND / OVERLAY			COMPLETE PAVEMENT REPLACEMENT				
						JOINT RATE	APPROX. COST / FT.	APPROX. COST	APPROX. COST / S.Y. @ \$1.00	APPROX. COST / S.Y. @ \$3.90	JOINT RATE	APPROX. RATE	APPROX. COST	APPROX. COST / S.Y. @ \$75.00	REPL. TYPE	APPROX. RATE	APPROX. COST								
<b>CONCRETE ROADS</b>																									
1	Rockefeller Rd-2	1600	30	5333	CONCRETE	2.07	2.30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	Harrison Rd	980	24.5	2668	CONCRETE	2.85	2.30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Robert St-1	905	24	2413	CONCRETE	1.87	1.20	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Rickey Lane	1460	24	3893	CONCRETE	2.07	2.30	\$3,358	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	Ridgewick Dr-3	870	24	2320	CONCRETE	1.87	1.20	\$1,044	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Parkwood Dr-2	280	24	747	CONCRETE	2.26	2.30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	Ridgehills Dr	995	24	2653	CONCRETE	2.07	2.30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	Harold St	240	24	640	CONCRETE	2.46	2.30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Serenity Lane	550	24	1467	CONCRETE	2.46	2.30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	E. 286th St	1760	24	4693	CONCRETE	1.48	1.20	\$2,112	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11	Bishop Rd	1590	30	5300	CONCRETE	1.48	1.20	\$1,908	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12	Laurel Lane	250	24	667	CONCRETE	2.07	2.30	\$575	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Richard Ct	210	24	560	CONCRETE	1.48	1.20	\$252	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14	Garden Dr-1	445	24	1187	CONCRETE	2.26	2.30	\$1,024	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Gary Ct	180	24	480	CONCRETE	1.87	1.20	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16	Warden Rd-2	2420	51	13713	CONCRETE	1.48	1.20	\$2,904	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17	Pailsades Pkwy	1165	30	3883	CONCRETE	1.87	1.20	\$1,398	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	Ezmor Lane	440	24	1173	CONCRETE	2.07	2.30	\$1,012	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Kennedy Dr	926	24.5	2521	CONCRETE	2.07	2.30	\$2,130	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20	Douglas Dr	3000	24	8000	CONCRETE	1.28	1.20	\$3,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21	Sun Ave	720	24	1920	CONCRETE	2.07	2.30	\$1,656	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22	Regent Rd-2	2610	24	6960	CONCRETE	1.68	1.20	\$1,132	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
23	Woodrow Ave	1140	24	3040	CONCRETE	1.09	1.20	\$1,368	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
24	Cindy Dr	350	24	933	CONCRETE	1.68	1.20	\$420	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
25	Mapledale Dr	2330	24	6213	CONCRETE	1.68	1.20	\$2,796	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26	Weber Ave	1390	24	3707	CONCRETE	2.85	2.30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	Harding Dr	2220	24	5920	CONCRETE	1.28	1.20	\$2,664	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28	Rush Rd	4910	30	16367	CONCRETE	1.28	1.20	\$5,892	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
29	Arthur Ave	1860	24	4960	CONCRETE	1.48	1.20	\$2,232	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30	Twin Lakes Dr-1	306	24.5	833	CONCRETE	1.48	1.20	\$3,667	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
31	Ridgehurst Dr	990	24.5	2695	CONCRETE	1.48	1.20	\$1,188	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
32	E. 300th St-1	780	20	1733	CONCRETE	1.48	1.20	\$936	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33	Rodgers Dr-1	400	24.5	1089	CONCRETE	1.48	1.20	\$480	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34	Juna St	235	20	522	CONCRETE	2.07	2.30	\$541	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35	Phillips Ave-2	2190	24	5813	CONCRETE	0.89	0.70	\$1,526	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36	Cedarhurst Dr	1230	24.5	3348	CONCRETE	1.28	1.20	\$1,476	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

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CITY OF WICKLIFFE  
PAVEMENT EVALUATION

JOB No. = 07-349

FILENAME = H:\2007\07349\REPORT\PAVEEVAL07.xls

APPENDIX C  
BUDGETARY PROJECT COSTS FOR VARIOUS IMPROVEMENTS

NO. STREET NAME	APPROX. LENGTH (FT.)	AVG. WIDTH (FT.)	PAVE. AREA (S.Y.)	EXISTING PAVEMENT TYPE	CRACK SEALING		ASPHALT REJUVINATOR		CONCRETE SEALER		JOINT/PATCH REPAIRS		GRIND / OVERLAY		COMPLETE PAVEMENT REPLACEMENT		
					JOINT RATE \$/FT.	APPROX. COST	APPROX. COST/S.Y. @ \$1.00	APPROX. COST/S.Y. @ \$3.90	JOINT RATE	APPROX. RATE \$/S.Y.	APPROX. COST	APPROX. COST/S.Y. @ \$75.00	REPL. PAVE. TYPE	APPROX. RATE \$/S.Y.	APPROX. COST	APPROX. COST	
<b>CONCRETE ROADS (continued)</b>																	
37 Frances Dr	320	24	853	CONCRETE	1.28	\$384	\$0	\$0	\$0	\$0	1.28	15.00	\$0	\$64,000	CONC	150.00	\$0
38 Norman Ave	1210	24	3227	CONCRETE	0.70	\$0	\$0	\$0	\$12,584	0.70	9.00	\$29,040	\$0	\$0	CONC	150.00	\$0
39 Anderson Rd-1	690	30	2300	CONCRETE	1.88	\$828	\$0	\$0	\$0	1.68	15.00	\$34,500	\$0	\$0	CONC	150.00	\$0
40 E. 290th St-1	1690	24.5	4801	CONCRETE	0.50	\$1,183	\$0	\$0	\$17,942	0.50	9.00	\$41,405	\$0	\$0	CONC	150.00	\$0
41 Craneling Rd	1850	24	4833	CONCRETE	0.89	\$1,295	\$0	\$0	\$19,240	0.89	9.00	\$44,400	\$0	\$0	CONC	150.00	\$0
42 Catawba St-2	450	24	1200	CONCRETE	1.48	\$540	\$0	\$0	\$0	1.48	15.00	\$18,000	\$0	\$0	CONC	150.00	\$0
42 Lincoln Rd	1840	24	4907	CONCRETE	1.09	\$2,208	\$0	\$0	\$19,136	1.09	15.00	\$73,600	\$0	\$0	CONC	150.00	\$0
43 Couby Ct	457	24	1219	CONCRETE	1.09	\$0	\$0	\$0	\$4,753	1.09	15.00	\$18,280	\$0	\$0	CONC	150.00	\$0
44 Nehis Park Dr	645	24	1720	CONCRETE	1.28	\$774	\$0	\$0	\$6,708	1.28	15.00	\$25,800	\$0	\$0	CONC	150.00	\$0
45 E. 300th St-3	3020	26.5	8892	CONCRETE	0.89	\$0	\$0	\$0	\$34,680	0.89	9.00	\$80,030	\$0	\$0	CONC	150.00	\$0
46 Robindale St	1905	24	5080	CONCRETE	1.09	\$2,286	\$0	\$0	\$19,812	1.09	15.00	\$76,200	\$0	\$0	CONC	150.00	\$0
47 Fuller Ave	1025	24	2733	CONCRETE	0.89	\$0	\$0	\$0	\$10,660	0.89	9.00	\$0	\$0	\$0	CONC	150.00	\$0
48 Kimberly Ct	400	24	1067	CONCRETE	0.89	\$280	\$0	\$0	\$4,160	0.89	9.00	\$0	\$0	\$0	CONC	150.00	\$0
49 Vinewood Dr	1385	24	3693	CONCRETE	1.09	\$0	\$0	\$0	\$14,404	1.09	15.00	\$54,120	\$0	\$0	CONC	150.00	\$0
50 Tallmadge Ave	2255	24	6013	CONCRETE	0.50	\$0	\$0	\$0	\$23,452	0.50	9.00	\$0	\$0	\$0	CONC	150.00	\$0
51 Arlington Circle	1350	24	3600	CONCRETE	1.09	\$1,620	\$0	\$0	\$14,040	1.09	15.00	\$0	\$0	\$0	CONC	150.00	\$0
52 Bonnieview Dr	1000	24	2667	CONCRETE	0.89	\$700	\$0	\$0	\$10,400	0.89	9.00	\$0	\$0	\$0	CONC	150.00	\$0
53 Emily St	235	20	522	CONCRETE	1.09	\$282	\$0	\$0	\$0	1.09	15.00	\$7,833	\$0	\$0	CONC	150.00	\$0
54 Club Ct	155	24	413	CONCRETE	0.50	\$109	\$0	\$0	\$1,612	0.50	9.00	\$0	\$0	\$0	CONC	150.00	\$0
55 Elmwood Ave N	1385	24	3693	CONCRETE	0.50	\$970	\$0	\$0	\$14,404	0.50	9.00	\$0	\$0	\$0	CONC	150.00	\$0
56 Elmwood Ave-3	150	24	400	CONCRETE	0.70	\$105	\$0	\$0	\$1,560	0.70	9.00	\$0	\$0	\$0	CONC	150.00	\$0
57 Enid Rd	710	24	1893	CONCRETE	0.50	\$487	\$0	\$0	\$7,384	0.50	9.00	\$0	\$0	\$0	CONC	150.00	\$0
58 Halifax St	1050	24	2800	CONCRETE	0.70	\$735	\$0	\$0	\$10,920	0.70	9.00	\$25,200	\$0	\$0	CONC	150.00	\$0
59 E. 305th St	890	50	4944	CONCRETE	0.50	\$0	\$0	\$0	\$0	0.50	9.00	\$0	\$0	\$0	CONC	150.00	\$0
60 Clayton Ave	1915	30	6383	CONCRETE	0.50	\$0	\$0	\$0	\$24,895	0.50	9.00	\$57,450	\$0	\$0	CONC	150.00	\$0
61 Lloyd Rd-2	2965	36	11860	CONCRETE	0.70	\$2,076	\$0	\$0	\$46,254	0.70	9.00	\$0	\$0	\$0	CONC	150.00	\$0
62 Rockefeller Rd-1	3790	27	11370	CONCRETE	0.50	\$0	\$0	\$0	\$44,343	0.50	9.00	\$0	\$0	\$0	CONC	150.00	\$0
63 Rockefeller Rd-3	3300	30	11000	CONCRETE	0.50	\$2,310	\$0	\$0	\$0	0.50	9.00	\$0	\$0	\$0	CONC	150.00	\$0
64 Elgin Rd	1370	24	3653	CONCRETE	0.50	\$959	\$0	\$0	\$14,248	0.50	9.00	\$0	\$0	\$0	CONC	150.00	\$0
65 Green Ridge Dr-	300	24	800	CONCRETE	0.70	\$210	\$0	\$0	\$3,120	0.70	9.00	\$0	\$0	\$0	CONC	150.00	\$0
66 Willow St	255	24	680	CONCRETE	0.70	\$179	\$0	\$0	\$2,652	0.70	9.00	\$0	\$0	\$0	CONC	150.00	\$0
67 Anderson Rd-2	1440	30	4800	CONCRETE	0.50	\$0	\$0	\$0	\$18,720	0.50	9.00	\$0	\$0	\$0	CONC	150.00	\$0
68 Alton Rd-2	410	22	1002	CONCRETE	0.50	\$0	\$0	\$0	\$3,909	0.50	9.00	\$0	\$0	\$0	CONC	150.00	\$0
69 Catawba St-1	250	24	667	CONCRETE	0.50	\$175	\$0	\$0	\$2,600	0.50	9.00	\$0	\$0	\$0	CONC	150.00	\$0
70 Lloyd Ct	550	24	1467	CONCRETE	0.50	\$385	\$0	\$0	\$5,720	0.50	9.00	\$0	\$0	\$0	CONC	150.00	\$0
71 Johnson Dr	175	24	467	CONCRETE	0.50	\$0	\$0	\$0	\$0	0.50	9.00	\$0	\$0	\$0	CONC	150.00	\$0
72 E. 289th St-1	1775	30	5917	CONCRETE	0.50	\$0	\$0	\$0	\$0	0.50	9.00	\$0	\$0	\$0	CONC	150.00	\$0

CITY OF WICKLIFFE  
PAVEMENT EVALUATION

JOB No. = 07-349

FILENAME = H:\2007\07\149RREPORT\PAVEEVAL07.46

APPENDIX C  
BUDGETARY PROJECT COSTS FOR VARIOUS IMPROVEMENTS

NO.	STREET NAME	APPROX. LENGTH (FT.)	AVG. WIDTH (FT.)	PAVE. AREA (S.Y.)	EXISTING PAVEMENT TYPE	CRACK SEALING		ASPHALT REJUVINATOR		CONCRETE SEALER		JOINT/PATCH REPAIRS		GRIND / OVERLAY		COMPLETE PAVEMENT REPLACEMENT		
						APPROX. RATE \$/FT.	APPROX. COST	APPROX. COST / S.Y. @ \$1.00	APPROX. COST / S.Y. @ \$3.90	JOINT RATE	APPROX. RATE	APPROX. COST	APPROX. COST / S.Y. @ \$75.00	REPL. TYPE	APPROX. RATE	APPROX. COST		
<b>ASPHALT &amp; OVERLAY ROADS</b>																		
1	Twin Lakes Dr-2	1344	24.5	3659	ASPH O-LAY	2.85	2.30	\$0	\$0	\$0	2.85	20.00	\$0	\$274,400	CONC	150.00	\$0	
2	Lloyd Rd-1	3020	30.5	12884	ASPH O-LAY	2.85	2.30	\$0	\$0	\$0	2.85	20.00	\$0	\$966,333	CONC	150.00	\$1,932,667	
3	Elm St	1220	24.5	3321	ASPH O-LAY	3.64	3.10	\$0	\$0	\$0	3.64	26.00	\$0	\$249,083	CONC	150.00	\$498,167	
4	Ferwick Dr	630	24	1680	ASPH O-LAY	2.66	2.30	\$0	\$0	\$0	2.66	20.00	\$0	\$126,000	CONC	150.00	\$252,000	
5	Miller Ave West	650	18	1300	ASPHALT	2.46	2.30	\$0	\$0	\$0	2.46	20.00	\$0	\$97,500	ASPH	125.00	\$162,500	
6	E. 290th St-2	2620	24	6987	ASPH O-LAY	3.44	3.10	\$0	\$0	\$0	3.44	26.00	\$0	\$524,000	CONC	150.00	\$1,048,000	
7	Larchmont Dr	1340	24	6267	ASPH O-LAY	2.26	2.30	\$0	\$0	\$0	2.26	20.00	\$60,267	\$470,000	CONC	150.00	\$940,000	
8	Empire Rd-2	1130	24	3013	ASPH O-LAY	2.85	2.30	\$0	\$0	\$0	2.85	20.00	\$0	\$226,000	CONC	150.00	\$452,000	
9	Homewood Dr	1340	24	3573	ASPH O-LAY	2.46	2.30	\$0	\$0	\$0	2.46	20.00	\$0	\$268,000	CONC	150.00	\$536,000	
10	Ridgeview Dr	2730	24.5	7432	ASPH O-LAY	3.44	3.10	\$0	\$0	\$0	3.44	26.00	\$193,223	\$557,375	CONC	150.00	\$1,114,750	
11	Worden Rd-1	2850	31.5	7895	ASPH O-LAY	2.07	2.30	\$0	\$0	\$0	2.07	20.00	\$0	\$667,875	CONC	150.00	\$1,335,750	
12	Grand Blvd	3720	30	12400	ASPH O-LAY	2.26	2.30	\$8,556	\$0	\$0	2.26	20.00	\$0	\$930,000	CONC	150.00	\$1,860,000	
13	Empire Rd-1	2940	24	7840	ASPH O-LAY	3.05	3.10	\$0	\$0	\$0	3.05	26.00	\$0	\$588,000	CONC	150.00	\$1,176,000	
14	Sunset Dr-1	1530	24	4080	ASPHALT	3.05	3.10	\$0	\$0	\$0	3.05	26.00	\$0	\$306,000	ASPH	125.00	\$510,000	
15	E. 298th St	1850	24.5	5036	ASPHALT	2.46	2.30	\$0	\$0	\$0	2.46	20.00	\$100,722	\$377,708	ASPH	125.00	\$629,514	
16	Robert St-2	1470	24	3920	ASPH O-LAY	1.87	1.20	\$0	\$0	\$0	1.87	15.00	\$0	\$294,000	CONC	150.00	\$588,000	
17	E. 291st St	1230	24.5	3348	ASPH O-LAY	3.64	3.10	\$3,813	\$0	\$0	3.64	26.00	\$87,057	\$251,125	CONC	150.00	\$502,250	
18	Frank Dr	910	24	2427	ASPHALT	2.66	2.30	\$0	\$0	\$0	2.66	20.00	\$0	\$182,000	ASPH	125.00	\$364,000	
19	Lakeland Blvd	9970	55	60928	ASPH O-LAY	2.07	2.30	\$22,931	\$60,928	\$0	2.07	20.00	\$0	\$4,569,583	CONC	150.00	\$9,139,166	
20	Park St	500	24	1333	ASPH O-LAY	3.05	3.10	\$1,550	\$0	\$0	3.05	26.00	\$0	\$100,000	CONC	150.00	\$200,000	
21	Green Ridge Dr-	1640	24	4373	ASPHALT	2.66	2.30	\$0	\$0	\$0	2.66	20.00	\$0	\$328,000	ASPH	125.00	\$656,000	
22	E. 294th St-2	1290	24.5	3512	ASPHALT	3.25	3.10	\$3,999	\$0	\$0	3.25	26.00	\$0	\$263,375	ASPH	125.00	\$526,750	
23	Silver St-2	1045	24.5	2845	ASPHALT	3.25	3.10	\$3,240	\$0	\$0	3.25	26.00	\$0	\$213,354	ASPH	125.00	\$426,708	
24	Dennis Dr	1100	24.5	2984	ASPH O-LAY	2.26	2.30	\$2,530	\$2,984	\$0	2.26	20.00	\$59,888	\$259,292	CONC	150.00	\$519,180	
25	Maple St	1270	24.5	3457	ASPHALT	3.25	3.10	\$3,937	\$0	\$0	3.25	26.00	\$0	\$204,000	CONC	150.00	\$408,000	
26	Sherbrook Dr	1020	24	2720	ASPH O-LAY	2.46	2.30	\$2,346	\$0	\$0	2.46	20.00	\$0	\$115,500	ASPH	125.00	\$231,000	
27	Fairway Dr	630	22	1540	ASPHALT	2.07	2.30	\$1,449	\$1,540	\$0	2.07	20.00	\$30,800	\$189,875	CONC	150.00	\$379,750	
28	Hazel Ave-1	930	24.5	2532	ASPH O-LAY	2.07	2.30	\$0	\$0	\$0	2.07	20.00	\$50,633	\$63,000	CONC	150.00	\$116,000	
29	Kerry Lane	315	24	840	ASPH O-LAY	2.66	2.30	\$725	\$840	\$0	2.66	20.00	\$39,680	\$198,400	CONC	150.00	\$398,080	
30	Ashtwood Dr-1	180	22	440	ASPHALT	2.26	2.30	\$414	\$440	\$0	2.26	20.00	\$8,800	\$33,000	ASPH	125.00	\$66,000	
31	E. 298th St-3	570	24.5	1552	ASPH O-LAY	1.87	1.20	\$0	\$0	\$0	1.87	15.00	\$23,275	\$116,375	CONC	150.00	\$233,650	
32	Garden Dr-2	1590	22	3887	ASPHALT	1.68	1.20	\$1,908	\$3,887	\$0	1.68	15.00	\$58,300	\$281,500	ASPH	125.00	\$569,800	
33	Stanford Dr	1010	24	2693	ASPH O-LAY	2.26	2.30	\$2,323	\$2,693	\$0	2.26	20.00	\$0	\$202,000	CONC	150.00	\$404,000	
34	Pine Ridge Dr	1360	22	3373	ASPHALT	1.87	1.20	\$1,656	\$3,373	\$0	1.87	15.00	\$0	\$0	ASPH	125.00	\$255,590	
35	Roosevelt Rd	992	24	2645	ASPH O-LAY	1.68	1.20	\$1,180	\$2,645	\$0	1.68	15.00	\$39,680	\$198,400	CONC	150.00	\$398,080	
36	Euclid Ave (US2)	14180	44	84827	ASPH O-LAY	0.89	0.70	\$9,912	\$84,827	\$0	0.89	9.00	\$0	\$0	CONC	150.00	\$1,347,408	
37	E. 298th St	1482	22	3623	ASPHALT	1.68	1.20	\$1,776	\$3,623	\$0	1.68	15.00	\$54,340	\$0	ASPH	125.00	\$108,680	
38	Belview St	1090	24	2907	ASPH O-LAY	2.26	2.30	\$2,507	\$2,907	\$0	2.26	20.00	\$58,133	\$266,200	CONC	150.00	\$524,333	
39	Armada Ave	1452	22	3549	ASPHALT	0.70	0.70	\$1,016	\$3,549	\$0	0.70	9.00	\$31,944	\$142,000	CONC	150.00	\$173,944	
40	Parkwood Dr-1	710	24	1893	ASPH O-LAY	1.28	1.20	\$852	\$1,893	\$0	1.28	15.00	\$0	\$0	CONC	150.00	\$283,800	
41	Dorothy Dr	915	24.5	2491	ASPH O-LAY	1.68	1.20	\$1,098	\$2,491	\$0	1.68	15.00	\$0	\$0	ASPH	125.00	\$249,100	
42	Truman Ave-2	2995	24	7987	ASPHALT	1.87	1.20	\$3,594	\$7,987	\$0	1.87	15.00	\$0	\$0	CONC	150.00	\$159,750	
43	Grant Rd-2	1355	24	3613	ASPH O-LAY	0.89	0.70	\$949	\$3,613	\$0	0.89	9.00	\$0	\$0	CONC	150.00	\$451,350	
44	Beechwood Dr	1175	24	3133	ASPH O-LAY	1.09	1.20	\$1,410	\$3,133	\$0	1.09	15.00	\$0	\$235,000	CONC	150.00	\$470,000	
45	Mark Ct	240	24	640	ASPH O-LAY	1.28	1.20	\$288	\$640	\$0	1.28	15.00	\$9,600	\$0	CONC	150.00	\$159,600	
46	Rodgers Dr-2	625	24.5	1701	ASPH O-LAY	0.89	0.70	\$438	\$1,701	\$0	0.89	9.00	\$0	\$0	CONC	150.00	\$213,900	
47	Shaker Dr	1845	24	4920	ASPH O-LAY	0.89	0.70	\$1,292	\$4,920	\$0	0.89	9.00	\$0	\$0	CONC	150.00	\$61,080	
48	Bryn Mawr Ave-1	1470	24	3920	ASPH O-LAY	1.28	1.20	\$1,764	\$3,920	\$0	1.28	15.00	\$0	\$0	CONC	150.00	\$49,680	
49	Ridge Rd (SR 84)	14200	43	67844	ASPH O-LAY	1.28	1.20	\$17,040	\$67,844	\$0	1.28	15.00	\$0	\$0	CONC	150.00	\$213,040	

**CITY OF WICKLIFFE  
PAVEMENT EVALUATION**

JOB No. = 07-348

FILENAME = H:\20070724\REP\REPORT\PAVEEVAL07.46

**APPENDIX C  
BUDGETARY PROJECT COSTS FOR VARIOUS IMPROVEMENTS**

NO.	STREET NAME	APPROX. LENGTH (FT.)	AVG. WIDTH (FT.)	PAVE. AREA (S.Y.)	EXISTING PAVEMENT TYPE	CRACK SEALING		ASPHALT REJUVINATOR		CONCRETE SEALER		JOINT/PATCH REPAIRS		GRIND / OVERLAY		COMPLETE PAVEMENT REPLACEMENT		
						APPROX. RATE \$/FT.	APPROX. COST	APPROX. COST / S.Y. @ \$1.00	APPROX. COST / S.Y. @ \$3.90	JOINT RATE	APPROX. RATE \$/S.Y.	APPROX. COST / S.Y. @ \$75.00	REPL. TYPE	APPROX. RATE \$/S.Y.	APPROX. COST			
<b>ASPHALT &amp; OVERLAY ROADS (Continued)</b>																		
50	Briar Ct	155	24.5	422	ASPH O-LAY	1.48	\$186	\$422	\$0	\$0	1.48	15.00	\$0	CONC	150.00	\$0		
51	Regent Rd-1	745	24	1987	ASPH O-LAY	1.09	\$894	\$1,987	\$0	\$0	1.09	15.00	\$0	CONC	150.00	\$0		
52	Bryn Mawr Ave-2	2000	24	5333	ASPH O-LAY	0.89	\$1,400	\$5,333	\$0	\$0	0.89	9.00	\$0	CONC	150.00	\$0		
53	Allon Rd-1	950	24.5	2586	ASPH O-LAY	1.09	\$0	\$2,586	\$0	\$0	1.09	15.00	\$0	CONC	150.00	\$0		
54	Larchmont Ct	190	24	507	ASPH O-LAY	0.89	\$133	\$507	\$0	\$0	0.89	9.00	\$38,000	CONC	150.00	\$0		
55	Valley View Dr	1310	24	3493	ASPH O-LAY	1.09	\$1,572	\$3,493	\$0	\$0	1.09	15.00	\$0	CONC	150.00	\$0		
56	Grant Rd-1	340	24	907	ASPH O-LAY	1.28	\$0	\$907	\$0	\$0	1.28	15.00	\$0	CONC	150.00	\$0		
57	Eldon Dr-2	1320	24.5	3593	ASPH O-LAY	1.09	\$1,584	\$3,593	\$0	\$0	1.09	15.00	\$0	CONC	150.00	\$0		
58	Franklin Ave	1750	24	4667	ASPH O-LAY	0.89	\$1,225	\$4,667	\$0	\$0	0.89	9.00	\$0	CONC	150.00	\$0		
59	Warren Rd	1225	24	3267	ASPH O-LAY	1.09	\$1,470	\$3,267	\$0	\$0	1.09	15.00	\$0	CONC	150.00	\$0		
60	Ridgeway Dr-1	1350	24	3600	ASPH O-LAY	1.28	\$1,620	\$3,600	\$0	\$0	1.28	15.00	\$0	CONC	150.00	\$0		
61	Forestview Rd	130	30	433	ASPH O-LAY	1.09	\$156	\$433	\$0	\$0	1.09	15.00	\$32,500	CONC	150.00	\$0		
62	Bonnie Ct	220	24.5	599	ASPH O-LAY	1.09	\$264	\$599	\$0	\$0	1.09	15.00	\$0	CONC	150.00	\$0		
63	Bridle Path Trail	1240	20	2756	ASPHALT	1.28	\$1,488	\$2,756	\$0	\$0	1.28	15.00	\$0	CONC	150.00	\$0		
64	Buena Vista Dr.-	1680	24	4480	ASPHALT	1.09	\$2,016	\$4,480	\$0	\$0	1.09	15.00	\$0	CONC	150.00	\$0		
65	County Club Dr	1660	20	3689	ASPHALT	0.89	\$1,162	\$3,689	\$0	\$0	0.89	9.00	\$0	CONC	150.00	\$0		
66	Leslie Ct	185	24	493	ASPH O-LAY	1.28	\$222	\$493	\$0	\$0	1.28	15.00	\$0	CONC	150.00	\$0		
67	Meadowbrook Dr	1280	20	2844	ASPHALT	0.89	\$896	\$2,844	\$0	\$0	0.89	9.00	\$0	CONC	150.00	\$0		
68	Meadowview Dr	750	24	2000	ASPH O-LAY	1.09	\$900	\$2,000	\$0	\$0	1.09	15.00	\$0	CONC	150.00	\$0		
69	Phillips Ave-1	1540	24	4107	ASPH O-LAY	1.09	\$1,848	\$4,107	\$0	\$0	1.09	15.00	\$0	CONC	150.00	\$0		
70	Ridgeway Dr-2	950	24	2533	ASPH O-LAY	1.28	\$1,140	\$2,533	\$0	\$0	1.28	15.00	\$0	CONC	150.00	\$0		
71	Buena Vista Dr.-2	670	18	1414	ASPHALT	0.50	\$469	\$1,414	\$0	\$0	0.50	9.00	\$0	CONC	150.00	\$0		
72	Jackson Ave	825	20	1833	ASPHALT	0.70	\$578	\$1,833	\$0	\$0	0.70	9.00	\$0	CONC	150.00	\$0		
73	Sunset Dr - 2	660	22	1613	ASPHALT	0.70	\$462	\$1,613	\$0	\$0	0.70	9.00	\$0	CONC	150.00	\$0		
74	Hazel Ave-2	440	24	1173	ASPHALT	0.70	\$280	\$1,173	\$0	\$0	0.70	9.00	\$0	CONC	150.00	\$0		
75	Meadow St	400	22	978	ASPHALT	0.89	\$280	\$978	\$0	\$0	0.89	9.00	\$0	CONC	150.00	\$0		
76	M. Carmel Dr	620	24	1653	ASPH O-LAY	0.70	\$0	\$1,653	\$0	\$0	0.70	9.00	\$0	CONC	150.00	\$0		
77	Oakwood Dr	1020	24	2720	ASPH O-LAY	0.70	\$714	\$2,720	\$0	\$0	0.70	9.00	\$0	CONC	150.00	\$0		
78	Sterling Rd	910	24	2427	ASPH O-LAY	0.89	\$637	\$2,427	\$0	\$0	0.89	9.00	\$0	CONC	150.00	\$0		
79	Waldensa Ave	1120	24	2987	ASPHALT	0.50	\$784	\$2,987	\$0	\$0	0.50	9.00	\$0	CONC	150.00	\$0		
80	Wood St	390	19	823	ASPHALT	0.89	\$273	\$823	\$0	\$0	0.89	9.00	\$0	CONC	150.00	\$0		
81	Woodway Dr	1040	24	2773	ASPH O-LAY	0.70	\$728	\$2,773	\$0	\$0	0.70	9.00	\$0	CONC	150.00	\$0		
82	Arbor St	1360	24.5	3702	ASPHALT	0.70	\$952	\$3,702	\$0	\$0	0.70	9.00	\$0	CONC	150.00	\$0		
83	E. 300th St-2	1010	18	2020	ASPHALT	0.70	\$707	\$2,020	\$0	\$0	0.70	9.00	\$0	CONC	150.00	\$0		
84	Overlook Dr	1220	24	3253	ASPH O-LAY	0.89	\$854	\$3,253	\$0	\$0	0.89	9.00	\$0	CONC	150.00	\$0		
85	Ashwood Dr-2	370	22	904	ASPHALT	0.70	\$0	\$904	\$0	\$0	0.70	9.00	\$0	CONC	150.00	\$0		
86	Robert St-3	2570	24	6853	ASPHALT	0.50	\$1,799	\$6,853	\$0	\$0	0.50	9.00	\$0	CONC	150.00	\$0		
87	Silver St-1	1125	22	2750	ASPHALT	0.70	\$0	\$2,750	\$0	\$0	0.70	9.00	\$0	CONC	150.00	\$0		
88	Delaware Dr	1160	24	3093	ASPHALT	0.50	\$812	\$3,093	\$0	\$0	0.50	9.00	\$0	CONC	150.00	\$0		
89	Drenik Dr	3345	24.5	9106	ASPH O-LAY	0.50	\$2,342	\$9,106	\$0	\$0	0.50	9.00	\$0	CONC	150.00	\$0		
90	Eldon Dr-1	1000	24.5	2722	ASPH O-LAY	0.50	\$700	\$2,722	\$0	\$0	0.50	9.00	\$0	CONC	150.00	\$0		
91	E. 294th St-1	390	24	1040	ASPHALT	0.50	\$273	\$1,040	\$0	\$0	0.50	9.00	\$0	CONC	150.00	\$0		
92	Eimwood Ave-2	1370	24	3653	ASPH O-LAY	0.50	\$0	\$3,653	\$0	\$0	0.50	9.00	\$0	CONC	150.00	\$0		

CITY OF WICKLIFFE  
PAVEMENT EVALUATION

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APPENDIX C  
BUDGETARY PROJECT COSTS FOR VARIOUS IMPROVEMENTS

NO.	STREET NAME	APPROX. LENGTH (FT.)	AVG. WIDTH (FT.)	PAVE. AREA (S.Y.)	EXISTING PAVEMENT TYPE	CRACK SEALING		ASPHALT REJUVINATOR		CONCRETE SEALER		JOINT/PATCH REPAIRS		GRIND / OVERLAY		COMPLETE PAVEMENT REPLACEMENT		
						APPROX. RATE \$/FT.	APPROX. COST	APPROX. COST / S.Y. @	APPROX. COST / S.Y. @	APPROX. RATE \$/S.Y.	APPROX. COST	APPROX. COST / S.Y. @	APPROX. RATE \$/S.Y.	APPROX. COST	APPROX. RATE \$/S.Y.	APPROX. COST	REPL. TYPE	APPROX. RATE \$/S.Y.
TAR AND CHIP ROADS																		
1	Truman Ave-1	195	22	477	TAR & CHIP	1.48	\$0	\$0	\$0	\$3.90	\$0	15.00	\$0	\$35,750	ASPH	125.00	\$59,583	
2	Luxtona Ave	820	19	1731	TAR & CHIP	0.89	\$0	\$0	\$0	\$0	\$0	9.00	\$0	\$0	ASPH	125.00	\$216,389	
3	Cabin Dr	510	19	1077	TAR & CHIP	1.48	\$0	\$0	\$0	\$0	\$0	15.00	\$0	\$80,750	ASPH	125.00	\$134,583	
4	E. 293rd St	400	22	978	TAR & CHIP	2.46	\$0	\$0	\$0	\$0	\$0	20.00	\$0	\$73,333	ASPH	125.00	\$122,222	
5	Johnson Dr	635	19	1341	TAR & CHIP	1.09	\$0	\$0	\$0	\$0	\$0	15.00	\$0	\$100,542	ASPH	125.00	\$167,569	
6	Ashmiere	400	20	889	TAR & CHIP	0.70	\$280	\$280	\$0	\$0	\$8,000	9.00	\$8,000	\$66,667	ASPH	125.00	\$111,111	
7	Miller Ave	990	20	2200	TAR & CHIP	0.50	\$0	\$0	\$0	\$0	\$19,800	9.00	\$19,800	\$0	ASPH	125.00	\$275,000	
8	Clark Dr	705	19	1488	TAR & CHIP	0.89	\$0	\$0	\$0	\$0	\$0	9.00	\$0	\$0	ASPH	125.00	\$186,042	

APPENDIX C  
BUDGETARY PROJECT COSTS FOR VARIOUS IMPROVEMENTS  
SUMMARY

CRACK SEALING	ASPHALT REJUVINATOR APPROX. COST	CONCRETE SEALER APPROX. COST / S.Y. @	JOINT/PATCH REPAIRS APPROX. RATE \$/S.Y.	GRIND / OVERLAY APPROX. COST / S.Y. @	COMPLETE PAVEMENT REPLACEMENT APPROX. COST
All Roads	\$209,401	\$386,607	\$483,757	\$22,448,721	\$25,893,465
Concrete Roads	\$69,078	\$0	\$463,757	\$6,875,325	\$7,873,667
Asphalt Rds And Asph Overlay Rds	\$140,043	\$386,607	\$0	\$15,216,354	\$16,747,299
Tar & Chip Roads	\$280	\$0	\$883,463	\$357,042	\$1,272,500

**APPENDIX D**

**CONDITION OF VARIOUS INFRASTRUCTURES**

CITY OF WICKLIFFE  
PAVEMENT EVALUATION

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APPENDIX D  
CONDITION OF VARIOUS INFRASTRUCTURE

NO. STREET NAME	LIMITS (FROM)	(TO)	SANITARY SEWER		STORM SEWER		WATER MAIN	
			YEAR INSTALLED	YEAR- DESCRIPTION	YEAR INSTALLED	YEAR- DESCRIPTION	YEAR INSTALLED	YEAR- DESCRIPTION
<b>CONCRETE ROADS</b>								
1 Rocketfeller Rd-2	Ridge Rd	Sunset Dr	0		0		0	
2 Harrison Rd	Douglas Rd	Harold St	0		0		0	
3 Robert St-1	CDS	Tallmadge Ave	0		0		0	
4 Rickey Lane	CDS	CDS	0		0		0	
5 Ridgewick Dr-3	340' N of Twin Lakes Dr	Rickey Lane	0		0		0	
6 Parkwood Dr-2	160' E. of Ezmore	CL. Woodrow Ave	0		0		0	
7 Ridgehills Dr	West End	Bishop Rd/City Limit	0		0		0	
8 Harold St	Harrison Rd	Roosevelt Rd	0		0		0	
9 Serenity Lane	Cabin Dr	CDS	0		0		0	
10 E. 286th St	E. City Limits	Euclid Ave	0		0		0	
11 Bishop Rd	Euclid Ave	Ridge Rd	0		0		0	
12 Laurel Lane	CDS 40' Rad	Rocketfeller Rd	0		0		0	
13 Richard Ct	Robert St	CDS 40' Rad	0		0		0	
14 Garden Dr-1	Overlook Dr	Ridge Rd	0		0		0	
15 Gary Ct	Robert St	CDS 40' Rad	0		0		0	
16 Worden Rd-2	Lakeland Blvd	Euclid Ave	0		0		0	
17 Palisades Pkwy	Euclid Ave	CDS 38' Rad	0		0		0	
18 Ezmor Lane	Arthur Ave	CDS 40' Rad	0		0		0	
19 Kennedy Dr	CDS	CDS	0		0		0	
20 Douglas Dr	Euclid Ave	Roosevelt Rd	0		0		0	
21 Sun Ave	Euclid Ave	South End	0		0		0	
22 Regent Rd-2	Emid Rd	Truman Ave	0		0		0	
23 Woodrow Ave	Arthur Ave	Grand Blvd	0		0		0	
24 Cindy Dr	Kennedy Dr	E. 300th St	0		0		0	
25 Mapledale Dr	Euclid Ave	Grant Rd	0		0		0	
26 Weber Ave	W. City Limits	Lloyd Rd	0	1994	0		0	
27 Harding Dr	Euclid Ave	Grant Rd	0		0		0	
28 Rush Rd	Euclid Ave	Ridge Rd	0		0		0	
29 Arthur Ave	CL. Worden Rd	Grand Blvd	0		0		0	
30 Twin Lakes Dr-1	Orlando Park	150' E of Ridgewick Dr	0		0		0	
31 Ridgehurst Dr	Ridge Rd	Cedarhurst Dr	0		0		0	
32 E. 300th St-1	Halifax St	Phillips Ave	0		0		0	
33 Rodgers Dr-1	Ridgewick Dr	Ridgeview DR	0		0		0	
34 Juna St	Mapledale Dr	Douglas Dr	0		0		0	
35 Phillips Ave-2	Worden Rd	Regent Rd	0		0		0	
36 Cedarhurst Dr	Ridgehurst Dr	CDS	0		0		0	

1994 south  
1988

1994

1994

UNDERSIZED

**CITY OF WICKLIFFE  
PAVEMENT EVALUATION**

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**APPENDIX D  
CONDITION OF VARIOUS INFRASTRUCTURE**

NO. STREET NAME	LIMITS (FROM)	LIMITS (TO)	SANITARY SEWER		STORM SEWER		WATER MAIN	
			YEAR INSTALLED	YEAR- DESCRIPTION	YEAR INSTALLED	YEAR- DESCRIPTION	YEAR INSTALLED	YEAR- DESCRIPTION
<b>CONCRETE ROADS (continued)</b>								
37 Frances Dr		CDS		0		0		0
38 Norman Ave		Lloyd Rd	1988	0		0	1988	0
39 Anderson Rd-1		W. City Limits		0		0		0
40 E. 290th St-1		E. 289th St	1988	0		0	1988	0
41 Craneing Rd		Euclid Ave	1996	0		0	1996	0
42 Catawba St-2		West End		0		0	1990	0
42 Lincoln Rd		E. 296th St	1994	0		0	1994	0
43 Coulby Ct		Ridge Rd	1994	0		0	1994	0
44 Nehls Park Dr		CDS 40' Rad		0		0		0
45 E. 300th St-3		Hazel Ave		0		0		0
46 Robindale St		Rockefeller Rd		0		0		0
47 Fuller Ave		Ridge Rd		0		0		0
48 Kimberly Ct		South End	1990	0		0	1989	0
49 Vinewood Dr		Lloyd Rd	1988	0		0	1988	0
50 Tallmadge Ave		CDS	1996	0		0	1996	0
51 Arlington Circle		Bryn Mawr Ave		0		0		0
52 Bonnieview Dr		Grand Blvd		0		0		0
53 Emily St		South End	1995	0		0	1995	0
54 Club Ct		Lincoln Rd	1996	0		0	1996	0
55 Elmwood Ave N		CDS		0		0		0
56 Elmwood Ave-3		Douglas Dr		0		0		0
57 Enid Rd		CDS		0		0		0
58 Halifax St		Rush Rd		0		0		0
59 E. 305th St		Bryn Mawr Ave		0		0		0
60 Clayton Ave		150' N of Shaker Dr		0		0		0
61 Lloyd Rd-2		Worden Rd	1993	0		0	1993	0
62 Rockefeller Rd-1		Regent Rd	1995	0		0	1995	0
63 Rockefeller Rd-3		Regent Rd		0		0		0
64 Elgin Rd		E. City Limits		0		0		0
65 Green Ridge Dr-2		East End		0		0		0
66 Willow St		Euclid Ave		0		0		0
67 Anderson Rd-2		Ridge Rd		0		0		0
68 Allon Rd-2		North End		0		0		0
69 Catawba St-1		Sunset Dr		0		0		0
70 Lloyd Ct		Worden Rd		0		0		0
71 Johnson Dr		200' S of Ashwood Dr		0		0		0
72 E. 289th St-1		E. 286th St	2002	0		0	2002	0
		Robindale St		0		0		0
		Lloyd Rd		0		0		0
		E. 290th St		0		0		0
		E. 296th St		0		0		0
		CDS		0		0		0
		175' East of Bishop		0		0		0
		Euclid Ave		0		0		0
			2007	REPAIRS MADE		0	1991	0

CITY OF WICKLIFFE  
PAVEMENT EVALUATION

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APPENDIX D  
CONDITION OF VARIOUS INFRASTRUCTURE

NO.	STREET NAME	LIMITS (FROM)	(TO)	SANITARY SEWER		STORM SEWER		WATER MAIN	
				YEAR INSTALLED	YEAR- DESCRIPTION	YEAR INSTALLED	YEAR- DESCRIPTION	YEAR INSTALLED	YEAR- DESCRIPTION
<b>ASPHALT &amp; OVERLAY ROADS</b>									
1	Twin Lakes Dr-2	150' E of Ridgewick Dr	Rush Rd		0		0		0
2	Lloyd Rd-1	N. City Limits	Lakeland Blvd	1996	TELEVIEWED-SATISFACTORY	1996	TELEVIEWED-SATISFACTORY		0
3	Elm St	E. 290th St	Lincoln Rd	1993	Gravel		0		0
4	Fenwick Dr	Stanford Dr	Larchmont Dr		0		0		0
5	Miller Ave West	West City Limits	Rocketfeller Rd		0		0		0
6	E. 290th St-2	Ridge Rd	Sherbrook Dr		0		0		0
7	Larchmont Dr	E. 290th St	Sherbrook Dr		0		0		0
8	Empire Rd-2	952' S. of Grant Rd	Rush Rd		0		0		0
9	Homewood Dr	CDS 40' Rad	Lloyd Rd	1996	TELEVIEWED-SATISFACTORY	1996	TELEVIEWED-SATISFACTORY		0
10	Ridgeview Dr	Drenik Dr	Twin Lake Dr		0		0		0
11	Worden Rd-1	N. City Limits	Lakeland Blvd		0		0		0
12	Grand Blvd	Lloyd Rd	Worden Rd		0		0		0
13	Empire Rd-1	Euclid Ave	952' S. of Grant Rd		0		0		0
14	Sunset Dr-1	Ridge Rd	Ashwood Dr	1996	TELEVIEWED-SATISFACTORY	1996	TELEVIEWED-SATISFACTORY		0
15	E. 296th St	Euclid Ave	South End		0		0		0
16	Robert St-2	Tallmadge Ave	Worden Rd		0		0		0
17	E. 291st St	Euclid Ave	Elm St		0		0		0
18	Frank Dr	E. 300th St	Ridgewick Dr		0		0		0
19	Lakeland Blvd	W. City Limits	N. City Limits		0		0		0
20	Park St	West End	East End	1998	TELEVIEWED-SATISFACTORY	1998	TELEVIEWED-SATISFACTORY		0
21	Green Ridge Dr-1	Ridge Rd	200' S of Ashwood Dr	1996	TELEVIEWED-SATISFACTORY	1996	TELEVIEWED-SATISFACTORY		0
22	E. 294th St-2	Euclid Ave	Park St	1998	TELEVIEWED-SATISFACTORY	1998	TELEVIEWED-SATISFACTORY		0
23	Silver St-2	Euclid Ave	Park St	1998	TELEVIEWED-SATISFACTORY	1998	TELEVIEWED-SATISFACTORY		0
24	Dennis Dr	Rush Rd	Grant Rd	1999	TELEVIEWED-SATISFACTORY	1999	TELEVIEWED-SATISFACTORY		0
25	Maple St	Euclid Ave	Elm St	2001	REPAIRS MADE	1996	TELEVIEWED-SATISFACTORY		0
26	Sherbrook Dr	West End	Larchmont Dr		0		0		0
27	Fairway Dr	Ridgelyhurst Dr	North End		0		0		0
28	Hazel Ave-1	Bishop Rd	E. 289th St	2002	TELEVIEWED-SATISFACTORY	2002	TELEVIEWED-SATISFACTORY		0
29	Kerry Lane	Empire Rd	CDS	1999	TELEVIEWED-SATISFACTORY	1999	TELEVIEWED-SATISFACTORY		0
30	Ashwood Dr-1	Green Ridge Dr	180' E. of Green Ridge Dr	1996	TELEVIEWED-SATISFACTORY	1996	TELEVIEWED-SATISFACTORY		0
31	E. 289th St-3	Alton Rd	Hazel Ave	2002	TELEVIEWED-SATISFACTORY	2002	TELEVIEWED-SATISFACTORY		0
32	Garden Dr-2	Ridge Rd	CDS 64' Rad	1993	Gravel		0		0
33	Stanford Dr	CDS	Sherbrook Dr		0		0		0
34	Pine Ridge Dr	Ridge Rd	Bridle Path Trail	1996	TELEVIEWED-SATISFACTORY	1996	TELEVIEWED-SATISFACTORY		0
35	Roosevelt Rd	Douglas Rd	Harold St	1996	TELEVIEWED-SATISFACTORY	1996	TELEVIEWED-SATISFACTORY		0
36	Euclid Ave (US20)	W. City Limits	E. City Limits	2002	REPAIRS MADE	2002	REPAIRS MADE		0
37	E. 288th St	Euclid Ave	South End	1996	TELEVIEWED-SATISFACTORY	1996	TELEVIEWED-SATISFACTORY		0
38	Bellview St	Clayton Ave	Euclid Ave	1999	TELEVIEWED-SATISFACTORY	1999	TELEVIEWED-SATISFACTORY		0
39	Armada Ave	Beechwood Dr	Rocketfeller Rd	1993	Gravel (SAM)	1999	TELEVIEWED-SATISFACTORY		0
40	Parkwood Dr-1	E. City Limits	160' E. of Ezmore		0		0		0
41	Dorothy Dr	Warden Rd	Ridgewick Dr	2000	TELEVIEWED-SATISFACTORY	2000	TELEVIEWED-SATISFACTORY		0
42	Truman Ave-2	E. 300th St	Regent Rd	2001	TELEVIEWED-SATISFACTORY	2001	TELEVIEWED-SATISFACTORY		0
43	Grant Rd-2	Rush Rd	Douglas Rd	2004	TELEVIEWED-SATISFACTORY	2004	TELEVIEWED-SATISFACTORY		0
44	Beechwood Dr	Armada Ave	Rocketfeller Rd	1993	Gravel (SAM)	1999	TELEVIEWED-SATISFACTORY		0
45	Mark Ct	Rush Rd	CDS 45' Rad		0		0		0
46	Rodgers Dr-2	Ridgeview Dr	Drenik Dr	1998	TELEVIEWED-SATISFACTORY	1998	TELEVIEWED-SATISFACTORY		0
47	Shaker Dr	Bryn Mawr Ave	Tallmadge Ave	2000	TELEVIEWED-SATISFACTORY	2000	TELEVIEWED-SATISFACTORY		0
48	Bryn Mawr Ave-1	Parkwood Dr	Grand Blvd	2000	TELEVIEWED-SATISFACTORY	2000	TELEVIEWED-SATISFACTORY		0
49	Ridge Rd (SR 84)	West City Limits	East City Limits	1999	TELEVIEWED-SATISFACTORY	1999	TELEVIEWED-SATISFACTORY		0

**CITY OF WICKLIFFE  
PAVEMENT EVALUATION**

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**APPENDIX D  
CONDITION OF VARIOUS INFRASTRUCTURE**

NO.	STREET NAME	LIMITS (FROM)	LIMITS (TO)	SANITARY SEWER		STORM SEWER		YEAR INSTALLED	YEAR- DESCRIPTION	WATER MAIN
				YEAR INSTALLED	YEAR- DESCRIPTION	YEAR INSTALLED	YEAR- DESCRIPTION			
<b>ASPHALT &amp; OVERLAY ROADS (Continued)</b>										
50	Briar Ct	Rush Rd	CDS	2000	TELEVIEWED-SATISFACTORY	2000	TELEVIEWED-SATISFACTORY		0	
51	Regent Rd-1	Warden Rd	Enid Rd	1998	TELEVIEWED-SATISFACTORY	1998	TELEVIEWED-SATISFACTORY		0	
52	Bryn Mawr Ave-2	Grand Blvd	South End	1999	TELEVIEWED-SATISFACTORY	1999	TELEVIEWED-SATISFACTORY		0	
53	Allon Rd-1	Bishop Rd	E. 289th St	2002	TELEVIEWED-SATISFACTORY	2002	TELEVIEWED-SATISFACTORY		0	
54	Larchmont Ct	Sherbrook Dr	CDS 40' Rad	1996	TELEVIEWED-SATISFACTORY	1996	TELEVIEWED-SATISFACTORY		0	
55	Valley View Dr	Rocketfeller Rd	CDS	2000	TELEVIEWED-SATISFACTORY	2000	TELEVIEWED-SATISFACTORY		0	
56	Grant Rd-1	Drenik Dr	Rush Rd	2002	TELEVIEWED-SATISFACTORY	2002	TELEVIEWED-SATISFACTORY		0	
57	Eldon Dr-2	Rodgers Dr	Twin Lake Dr	2000	TELEVIEWED-SATISFACTORY	2000	TELEVIEWED-SATISFACTORY		0	
58	Franklin Ave	Tallmadge Ave	Warden Rd	1998	TELEVIEWED-SATISFACTORY	1998	TELEVIEWED-SATISFACTORY		0	
59	Warren Rd	CDS 40' Rad	Regent Rd	1999	TELEVIEWED-SATISFACTORY	1999	TELEVIEWED-SATISFACTORY		0	
60	Ridgwick Dr-1	Euclid Ave	Rodgers Dr	1998	TELEVIEWED-SATISFACTORY	1998	TELEVIEWED-SATISFACTORY		0	
61	Forestview Rd	W. City Limits	Lloyd Rd	0	TELEVIEWED-SATISFACTORY	0	TELEVIEWED-SATISFACTORY		0	
62	Bonnie Ct	Rush Rd	CDS	2002	TELEVIEWED-SATISFACTORY	2002	TELEVIEWED-SATISFACTORY		0	
63	Bridle Path Trail	CDS	East End	1998	TELEVIEWED-SATISFACTORY	1998	TELEVIEWED-SATISFACTORY		0	
64	Buena Vista Dr-1	Ridge Rd	Sunset Dr	2004	REPAIRS MADE	2004	TELEVIEWED-SATISFACTORY		0	
65	County Club Dr	Ridge Rd	Bridle Path Trail	1999	TELEVIEWED-SATISFACTORY	1999	TELEVIEWED-SATISFACTORY		0	
66	Leslie Ct	Oakwood Dr	CDS	2004	REPAIRS MADE	2004	REPAIRS MADE		0	
67	Meadowbrook Dr	Rocketfeller Rd	E. City Limits	1999	TELEVIEWED-SATISFACTORY	1999	TELEVIEWED-SATISFACTORY		0	
68	Meadowview Dr	CDS	Garden Dr	2001	TELEVIEWED-SATISFACTORY	2001	TELEVIEWED-SATISFACTORY		0	
69	Phillips Ave-1	Tallmadge Ave	Warden Rd	1998	TELEVIEWED-SATISFACTORY	1998	TELEVIEWED-SATISFACTORY		0	
70	Ridgwick Dr-2	Rodgers Dr	340' N of Twin Lakes Dr	2001	TELEVIEWED-SATISFACTORY	2001	TELEVIEWED-SATISFACTORY		0	
71	Buena Vista Dr-2	Sunset Dr	Nehis Park Dr	2000	TELEVIEWED-SATISFACTORY	2000	TELEVIEWED-SATISFACTORY		0	
72	Buena Vista Ave	Rocketfeller Rd	East End	2005	TELEVIEWED-SATISFACTORY	2005	TELEVIEWED-SATISFACTORY		0	
73	Sunset Dr-2	Ashwood Dr	Rocketfeller Rd	2000	TELEVIEWED-SATISFACTORY	2000	TELEVIEWED-SATISFACTORY		0	
74	Hazel Ave-2	E. 289th St	E. 290th St	0	TELEVIEWED-SATISFACTORY	0	TELEVIEWED-SATISFACTORY		0	
75	Meadow St	West End	E. 296th St	1996	TELEVIEWED-SATISFACTORY	1996	TELEVIEWED-SATISFACTORY		0	
76	Ml. Carmel Dr	Euclid Ave	CDS	2003	TELEVIEWED-SATISFACTORY	2003	TELEVIEWED-SATISFACTORY		0	
77	Oakwood Dr	Bryn Mawr Ave	Elmwood Ave	2004	TELEVIEWED-SATISFACTORY	2004	TELEVIEWED-SATISFACTORY		0	
78	Starling Rd	Parkwood Dr	CDS	2004	TELEVIEWED-SATISFACTORY	2004	TELEVIEWED-SATISFACTORY		0	
79	Waldensa Ave	West End	Rocketfeller Rd	2004	TELEVIEWED-SATISFACTORY	2004	TELEVIEWED-SATISFACTORY		0	
80	Wood St	West End	E. 286th St	2001	TELEVIEWED-SATISFACTORY	2001	TELEVIEWED-SATISFACTORY		0	
81	Woodway Dr	Bryn Mawr Ave	Elmwood Ave	2005	TELEVIEWED-SATISFACTORY	2005	TELEVIEWED-SATISFACTORY		0	
82	Airbor St	Euclid Ave	Rush Rd	2001	TELEVIEWED-SATISFACTORY	2001	TELEVIEWED-SATISFACTORY		0	
83	E. 300th St-2	Railroad	Euclid Ave	1999	TELEVIEWED-SATISFACTORY	1999	TELEVIEWED-SATISFACTORY		0	UNDERSIZED
84	Overlook Dr	CDS	Rush Rd	2004	TELEVIEWED-SATISFACTORY	2004	TELEVIEWED-SATISFACTORY		0	UNDERSIZED
85	Ashwood Dr-2	180' E. of Green Ridge Dr	Sunset Dr.	2000	TELEVIEWED-SATISFACTORY	2000	TELEVIEWED-SATISFACTORY		0	EXCESSIVE REPAIRS
86	Robert St-3	Warden Rd	Regent Rd	2003	TELEVIEWED-SATISFACTORY	2003	TELEVIEWED-SATISFACTORY		0	
87	Silver St-1	Clayton Ave	Euclid Ave	2004	TELEVIEWED-SATISFACTORY	2004	TELEVIEWED-SATISFACTORY		0	
88	Delaware Dr	North End	Jackson Ave	2005	TELEVIEWED-SATISFACTORY	2005	TELEVIEWED-SATISFACTORY		0	
89	Drenik Dr	Euclid Ave	Twin Lake Dr	2007	TELEVIEWED-SATISFACTORY	2007	TELEVIEWED-SATISFACTORY		0	
90	Elton Dr-1	Ridgeview Dr	Rodgers Dr	2007	TELEVIEWED-SATISFACTORY	2007	TELEVIEWED-SATISFACTORY		0	
91	E. 294th St-1	North End	Euclid Ave	2004	TELEVIEWED-SATISFACTORY	2004	TELEVIEWED-SATISFACTORY		0	
92	Elmwood Ave-2	Grand Blvd	150' N of Shaker Dr	2007	TELEVIEWED-SATISFACTORY	2007	TELEVIEWED-SATISFACTORY		0	

CITY OF WICKLIFFE  
PAVEMENT EVALUATION

JOB No. = 07-348

FILENAME = H:\300707348\REPORT\PAVEEVAL07.xls

APPENDIX D  
CONDITION OF VARIOUS INFRASTRUCTURE

NO. STREET NAME	LIMITS (FROM)	(TO)	SANITARY SEWER		STORM SEWER		WATER MAIN	
			YEAR INSTALLED	YEAR- DESCRIPTION	YEAR INSTALLED	YEAR- DESCRIPTION	YEAR INSTALLED	YEAR- DESCRIPTION
<b>TAR AND CHIP ROADS</b>								
1 Truman Ave-1	West End	Worden Rd		0				0
2 Luxona Ave	West End	Rockefeller Rd		0				0
3 Cabin Dr	Clark Dr	Johnson Dr		0				0
4 E. 283rd St	North End	Euclid Ave		0				0
5 Johnson Dr	175' East of Bishop	Cabin Dr		0				0
6 Ashmere	Euclid Ave	Alton Rd		0				0
7 Miller Ave	Rockefeller Rd	E. City Limits		0				0
8 Clark Dr	Bishop Rd	Cabin Dr		0				0
				1993 Growings				UNDERSIZED

**EXHIBIT A**  
**PAVEMENT INVENTORY FORM**

EXHIBIT A

WICKLIFFE PAVEMENT INVENTORY	
Input Data	
Street name	
Limits	
Length	
Width (F.O.C. - F.O.C.)	
Sidewalk (y/n)	
Number of aprons	
Typical apron size	<div style="display: inline-block; width: 20px; height: 10px; background-color: #cccccc;"></div> x <div style="display: inline-block; width: 20px; height: 10px; background-color: #cccccc;"></div>
Curb type (conc., none, asphalt, other)	
Number of manhole castings	
Number of catch basin castings	
Number of water valves/ monument boxes	

**EXHIBIT B**

**PAVEMENT EVALUATION RATING FORM**

## EXHIBIT B

CITY OF WICKLIFFE PAVEMENT EVALUATION RATING FORM						
Date:						
Street:			Limits:			
Pavement Type: Concrete, Asphalt, Asphalt Overlay, Tar and Chip						
Traffic Volume: Heavy, Medium, Light						
Curb Type: Vertical, None, Curb, and Gutter, Roll						
Percent Curb Repair/Replacement:						
(Note: A rating of "0" indicates defect does not occur)						
Defect	Range	Rating				
Transverse cracks	0 - 5					
Longitudinal cracks	0 - 5					
Alligator cracks	0 - 10					
Patching/pot holes	0 - 10					
Drainage	0 - 10					
Rutting/spalling	0 - 10					
Roughness/riding quality	0 - 10					
Polished aggregate/oxidation	0 - 5					
Recommendations	Do Nothing			Should Be Done		
Crack Sealing	0	1	2	3	4	5
Asphalt Rejuvenator	0	1	2	3	4	5
Concrete Sealant	0	1	2	3	4	5
Joint – Patch Repairs	0	1	2	3	4	5
Grind/Overlay	0	1	2	3	4	5
Complete Replacement	0	1	2	3	4	5

**EXHIBIT C**

**PAVEMENT RATING VALUE CRITERIA**

# EXHIBIT C

<b>ROAD SURFACE MANAGEMENT SYSTEM</b>  <b>FLEXIBLE PAVEMENT CONDITION SURVEY</b>	<b>ROAD NAME</b> _____ <b>DATE SURVEYED</b> _____ <b>SURVEYED BY</b> _____ <b>SHEET No.</b> _____ <b>OF</b> _____
--	--

**DIRECTION OF TRAVEL**  
 FROM \_\_\_\_\_ To \_\_\_\_\_

**WIDTH** \_\_\_\_\_ **TRAFFIC VOL** \_\_\_\_\_  
 Low = 1. High = 5.

**No. LANES** \_\_\_\_\_ **TOWN MAINT?** \_\_\_\_\_  
 (Y/N)

**SURFACE TYPE** \_\_\_\_\_ **SHLD. TYPE** \_\_\_\_\_  
 ASPHALT ASPH./CONC. 1-PAVED 2-GRVEL 3-EARTH 4-CORDED 5-MORSE

**LENGTH** \_\_\_\_\_

**No. of MH's** \_\_\_\_\_ **I.B.'s** \_\_\_\_\_ **VB/MB** \_\_\_\_\_

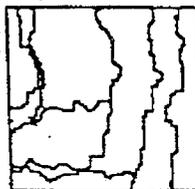
**GEN. CONDITION OF CURBS:** GOOD \_\_\_\_\_ FAIR \_\_\_\_\_ POOR \_\_\_\_\_

**% OF CONCRETE CURB IN NEED OF REPAIR/REPLACEMENT** \_\_\_\_\_

**LONGITUDINAL/TRANSVERSE CRACKING**

LONGIT. <sup>EXTENT</sup> <10% 10-30% >30%  
 TRANSV. 50% 25-50% <25%

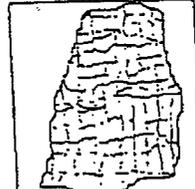
No Defects (0)	AMOUNT OF ROAD SURFACE		
	Low	Medium	High
FAIRING PENULT S E 1/4" = V MOD E PEN WID R WELL- I HIGH T DEFINED Y	①	②	③
	④	⑤	



**ALLIGATOR CRACKING**

**EXTENT**

No Defects (0)	PERCENT OF ROAD SURFACE		
	<10%	10-30%	>30%
NO MEAS. WIDTH S LOW E UP TO 1/8" V CORRECT. ROAD E OVER 1/8" R WIDE I HIGH T BREAKUP Y	①	②	③
	④	⑤	⑥

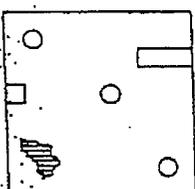


**PATCHING/POTHOLES**

**EXTENT**

<10% 10-30% >30%  
 5-100' 5-10/100' 10/100'

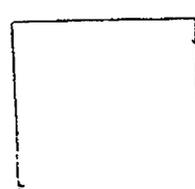
No Defects (0)	AMOUNT OF ROAD SURFACE		
	1-3	4-6	7-10
	LOW	MED	HIGH



**PUSHED/AGGREGATE**

**EXTENT**

No Defects (0)	AMOUNT OF ROAD SURFACE		
	Low	Moderate	High
S E V E R I T Y	①	②	③
	④	⑤	



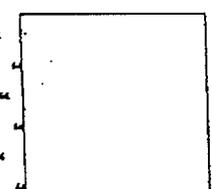
**DRAINAGE**

**CONDITION**

0 - NO PUDDLES / GOOD CROWN

1	
3	GOOD
4	FAIR
7	POOR
10	

S E V E R I T Y



**ROUGHNESS**

**CHECK ROAD FOR PRESENCE OF FOLLOWING:**

- UNEVEN SURFACE
- CORRUGATIONS
- SAGS
- HUMPS
- FROST HEAVES

**CONDITION**

0	GOOD
5	FAIR
10	POOR

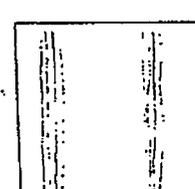
S E V E R I T Y

**RUTTING**

**CONDITION**

0	NO VISIBLE RUTTING (<1")
10	RUTTING VISIBLE (>1")

S E V E R I T Y





# City of NORTH CANTON, OHIO

145 NORTH MAIN STREET  
NORTH CANTON OHIO 44720-2587

## LEGISLATION REQUEST

February 24, 2011

To: **Jon Snyder, President**  
*City Council*

Subject: **Frank Ave/Applegrove St Water Main Improvements**  
Professional Services Agreement

Requested By: *J. B. Sanders*  
City Engineer

Date: 3-22-11

Approved By: *[Signature]*  
Director of Administration

Date: 3-27-11

An ordinance authorizing the Mayor, through the Board of Control, to enter into a professional services agreement for the Frank Ave/Applegrove St Water Main Improvements Project at a cost not to exceed \$38,500. (See attached)

EMERGENCY REQUESTED: Yes X No       

**RECEIVED**

MAR 24 2011

COUNCIL OFFICE  
NORTH CANTON, OHIO



The Water Division of ARCADIS

Mr. James Benekos, PE PS  
City Engineer  
City of North Canton  
145 North Main Street  
North Canton, Ohio 44720-2587

Subject:  
North Canton, Ohio  
Frank Avenue/Applegrove Street Water Main Improvements Project  
Resident Project Representation Services  
**Proposal**

Dear Mr. Benekos:

We are herewith submitting our Proposal and Professional Services Agreement for Resident Project Representation Services for the Frank Avenue/Applegrove Street Water Main Improvements Project. Two copies of the Professional Services Agreement (which includes this Proposal) are provided herewith.

This project was recently bid, and the apparent low bidder is Wenger Excavating Company. Below is the proposed Scope of Services for the Resident Project Representation Services, Engineering Fee and Proposed Schedule for this project.

## Scope of Services

### Resident Project Representation

The Scope of Services shall be as delineated in Attachment A "Duties, Responsibilities and Limitations of Authority of Resident Project Representative," which is attached herewith.

Based on the contract documents and the proposed sequence of construction, a total of 54 days of full time RPR service (two and a half calendar months) is allocated for this project. Part-time inspection maybe provided as needed. An overtime RPR budget contingency was not included as directed by the City.

Imagine the result

*Use or disclosure of information contained on this sheet is subject to the restriction and disclaimer located on the signature page of this document.*

ARCADIS U.S., Inc.  
222 South Main Street  
Suite 300  
Akron  
Ohio 44308  
Tel 330.434.1995  
Fax 330.374.1095  
[www.arcadis-us.com](http://www.arcadis-us.com)

WATER RESOURCES

Date:  
March 18, 2011

Contact:  
Said W AbouAbdallah,  
PE

Phone:  
330.515.5677

Email:  
[said.abouabdallah@arcadis-us.com](mailto:said.abouabdallah@arcadis-us.com)

Our ref:  
66NCANTO.IF00



Mr. James Benekos, PE PS  
March 18, 2011

## Engineering Fee

Malcolm Pirnie/ARCADIS proposes to provide RPR Services as described herein, at a cost reimbursement fee including reimbursable expenses for a not to exceed amount of \$38,500.

## Proposed Schedule

Based on the construction documents and the associated Notice to proceed with construction, we expect the RPR services to be initiated in March, 2011.

Please review the proposed Scope of Services, Engineering Fee and Proposed Schedule. If it is the City's intent to have Malcolm Pirnie/ARCADIS perform this work, please have the appropriate City official sign both copies of the Professional Services Agreement and return both copies to our office. We will subsequently sign both Agreement copies and will forward one fully executed copy to the City.

Thank you for this opportunity to continue to serve the City of North Canton. If you have any questions regarding this proposal, please contact me at your earliest convenience.

Sincerely,

ARCADIS U.S., Inc.

Said W AbouAbdallah, PE  
Associate Vice President

SWA/lmd

*This proposal and its contents shall not be duplicated, used, or disclosed—in whole or in part—for any purpose other than to evaluate the proposal. This proposal is not intended to be binding or form the terms of a contract. The scope and price of this proposal will be superseded by the contract. If this proposal is accepted and a contract is awarded to ARCADIS as a result of—or in connection with—the submission of this proposal, ARCADIS and/or the client shall have the right to make appropriate revisions of its terms, including scope and price, for purposes of the contract. Further, client shall have the right to duplicate, use, or disclose the data contained in this proposal only to the extent provided in the resulting contract.*

**PROFESSIONAL SERVICES AGREEMENT  
FRANK/APPLEGROVE WATERLINE IMPROVEMENTS - RPR**

This PROFESSIONAL SERVICES AGREEMENT (the "Agreement") is entered into and made effective as of this \_\_\_\_\_ day of \_\_\_\_\_, 2011 (the "Effective Date").

**1. PARTIES (individually a "Party" and collectively the "Parties")**

CLIENT	ARCADIS
Name: <u>City of North Canton, Ohio</u> (the "Client") Address 1: <u>City Engineer</u> Address 2: <u>145 North Main Street</u> City: <u>North Canton</u> State: <u>Ohio</u> Zip: <u>44720</u>	Name: <u>ARCADIS U.S., Inc.</u> ("ARCADIS") Address 1: <u>222 South Main Street</u> Address 2: <u>Suite 300</u> City: <u>Akron</u> State: <u>Ohio</u> Zip: <u>44308</u>
	The parties hereto acknowledge and agree that when individual Work Authorizations are necessary hereunder, all such Work Authorizations will be issued and executed by the appropriate ARCADIS entity authorized and licensed to perform work in the respective state, country or province where the work is being performed.

**2. PARTY REPRESENTATIVES**

CLIENT REPRESENTATIVE	ARCADIS REPRESENTATIVE
<b>Mail Originals:</b> City Engineer/Director of Administration 145 North Main Street North Canton, Ohio 44720 Attention: Mr. James Benekos, PE, PS Telephone: 330.499.3465 Fax: 330.499.6036  <b>With Copies To:</b> _____ _____ Attention: _____ Telephone No.: _____ Facsimile No.: _____	<b>Mail Originals:</b> ARCADIS U.S., Inc. 222 South Main Street, Suite 300 Akron, Ohio 44308 Attention: Mr. Robert McNutt, PE Telephone: 330.434.1995 Fax: 330.374.1095  <b>With Copies To:</b>  ARCADIS U.S., Inc. ("ARCADIS") 1100 Superior Avenue, Suite 1250 Cleveland, Ohio 44114 Attn: James Crandall, PE  Telephone No. 216.781.6177 Facsimile No.: 216.781.6243

**3. GENERAL TYPES OF SERVICES TO BE PERFORMED**

**4. SPECIAL TYPES OF SERVICES TO BE PERFORMED**

Check each appropriate box:  <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Infrastructure <input type="checkbox"/> PM/ CM <input type="checkbox"/> Other: _____  The specific Services performed under this Agreement are detailed in the Work Authorizations approved by the Client and ARCADIS attached hereto as Exhibit C.	Check each appropriate box:  <input type="checkbox"/> Phase I ESA <input type="checkbox"/> Asbestos & Other Hazardous Materials <input type="checkbox"/> PM / CM <input type="checkbox"/> GPS / REACH
--	--

**5. AGREEMENT**

The following documents, as applicable, are attached hereto and are incorporated herein and form part of this Agreement:

- Exhibit A: General Terms and Conditions for Professional Services
- Exhibit B: (NOT USED)
- Exhibit C: Work Authorizations

**6. EXECUTION**

In witness hereof, and in consideration of the promises and covenants set forth herein, and for other good and valuable consideration, the receipt, adequacy, and legal sufficiency of which are hereby acknowledged, the Parties have caused this Agreement to be executed on the day and year first set forth above.

CLIENT	ARCADIS
By: _____ Name: <u>David J. Held</u>	By:  Name: <u>Said W. AbouAbdallah, PE</u>
Title: <u>Mayor</u>	Title: <u>Associate Vice President</u>

**EXHIBIT A**  
**GENERAL TERMS AND CONDITIONS**  
**FOR PROFESSIONAL SERVICES**

**1. WARRANTY/SERVICES TO BE PROVIDED**

- 1.1 ARCADIS shall perform the professional Consulting Services ("Services") required under this Agreement in accordance with standard of care, skill, training, diligence and judgment normally provided by competent professionals who perform work of a similar nature, in the same geographical regions as the work described in this Agreement and any Work Authorization. No other warranty or guarantee is expressed or implied, and no other provision of this Agreement will impose any liability upon ARCADIS in excess of this standard of care. Unless ARCADIS expressly agrees otherwise in writing, any items not manufactured by ARCADIS (including incidental materials and consumables used in the Services) shall carry only the warranty that the original manufacturers provide, and ARCADIS gives no warranty on behalf of the manufacturers of such items.
- 1.2 ARCADIS agrees to correct, at its own expense, any Service provided under this Agreement that does not conform to the standard of care herein for a period of one (1) year following the completion of that Service.
- 1.3 Services performed under this Agreement may be more fully described in specific detail in individual Work Authorizations approved by the Client and ARCADIS and attached hereto, and which shall constitute a part of this Agreement.
- 1.4 ARCADIS shall have no obligation to commence the Services as stipulated in this Agreement and/or any associated Work Authorization until both this Agreement and the applicable Work Authorization are fully executed and delivered to ARCADIS. Any schedule requirements applicable to ARCADIS Services will be set forth in the Work Authorization.
- 1.5 This Agreement shall remain in effect until terminated in accordance with the specifications noted in Section 3, herein.
- 1.6 At any time after execution of this Agreement, Client may request changes in ARCADIS Services consisting of additions, deletions, and revisions within the general scope of services being performed by ARCADIS under this Agreement and/or any applicable Work Authorizations. Whenever a change in the scope and/or time for performance of services occurs, or if Client has notified ARCADIS of a change, ARCADIS shall submit to Client within a reasonable time a written estimate of the changes in cost and/or schedule, with supporting calculations and pricing. Pricing shall be in accordance with the pricing structure of this Agreement. In addition, should ARCADIS be obstructed or delayed in the commencement, performance or completion of the Services, without fault on its part, then ARCADIS will be entitled to an adjustment in compensation and/or an extension in the completion time requirements.
- 1.7 Notwithstanding the above, Client may direct ARCADIS in writing to perform the change prior to approval of price and schedule adjustments by Client. If so directed, ARCADIS shall not suspend performance of this Agreement during the review and negotiation of such change, as long as the change is a reasonably foreseeable alteration of the Services originally contemplated. In the event Client and ARCADIS are unable to reach agreement regarding changes in price and/or time associated with a change order, the matter shall be submitted to mediation as provided in Section 13 of this Agreement.

**2. PAYMENT TERMS**

- 2.1 Client agrees to pay for the Services performed by ARCADIS in accordance with this Agreement and any approved Work Authorization. The Work Authorization may also specify any required Mobilization Fee or other Retainer, Lump Sum Fees, Hourly Billing Rates, and Reimbursable Expenses.
- 2.2 ARCADIS shall invoice the Client every thirty (30) days for Services in accordance with ARCADIS standard invoicing practices;

provided however, ARCADIS may in its reasonable discretion, invoice the Client in advance and/or bi-weekly, unless contrary to regulations or the Client's procurement procedures. Invoices are due and payable on receipt and should be remitted by check or wire transfer of immediately available funds as follows:

**WELLS FARGO BANK NA**

**Lockbox: ARCADIS U.S., Inc., Dept 547,  
Denver, Colorado 80291-0547.**

**By Wire: ABA 121000248, Account No.  
1018164751, ARCADIS U.S., Inc.  
Lockbox.**

**By ACH: ABA 102000076, Account No.  
1018164751, ARCADIS U.S., Inc.  
Lockbox.**

- 2.3 If Client fails to make any payment due ARCADIS for services and expenses within thirty (30) days after receipt of invoice, the amounts due ARCADIS will be increased at the rate of 1.5% per month, or the maximum rate of interest permitted by law for accounts not paid within thirty (30) days.
- 2.4 If Client reasonably objects to any portion of an invoice, the Client shall provide written notification to ARCADIS of Client's objection and the basis for such objection within fifteen (15) days of the date of receipt of the invoice, and the Parties immediately shall make every effort to settle the disputed portion of the invoice. Client shall waive any objections to ARCADIS invoice if it fails to timely provide such written notice to ARCADIS. The undisputed portion shall be paid immediately and Client shall not offset amounts due ARCADIS under a Work Authorization for any credit or disputes arising under a different Work Authorization. If payment of undisputed invoices by Client is not maintained on a current basis, ARCADIS may, after giving seven (7) days' written notice to Client, suspend further performance until such payment is restored to a current basis. All suspensions shall extend the time for performance by a length of time equal to the duration of the suspension, and ARCADIS shall be paid for Services performed and charges incurred prior to the suspension date, plus suspension charges. Suspension charges shall include, without limitation, putting of documents

and analyses in order, personnel and equipment rescheduling or reassignment adjustments, additional insurance/bonding coverage, extended overhead and costs, and all other related costs and charges incurred and attributable to suspension.

- 2.5 In the event of litigation or other proceeding to enforce performance of this Agreement or any payment obligation under this Agreement, the prevailing Party shall be entitled to recover from the other Party attorneys' fees and costs as may be reasonably incurred by reason of the litigation.

**3. TERMINATION OF AGREEMENT**

- 3.1 **Termination for Convenience** - Either Party may terminate this Agreement and any associated Work Authorizations for its convenience after giving five (5) days' written notice to the other Party. However, ARCADIS shall not have the right to terminate this Agreement, without cause, prior to completion by ARCADIS of all Services required under the Agreement or any outstanding Work Authorizations. In the event Client terminates ARCADIS services without cause and/or for Client's convenience, Client shall be liable to promptly pay ARCADIS for all work performed through the date of termination, all of ARCADIS expenses directly attributable to the termination, including fair and reasonable sums for overhead and profit for work performed, and all costs incurred by ARCADIS in terminating any contracts entered into in connection with the performance of its Services.
- 3.2 **Termination for Cause** - Either Party may terminate this Agreement for Cause. Termination for cause shall be by written "Termination Notice" from the terminating Party, delivered to the defaulting Party. The defaulting Party shall have thirty (30) days from receipt of the Termination Notice within which to cure the alleged default, or if the cure requires a period of time in excess of thirty (30) days the cure period shall be extended by mutual agreement so long as the defaulting Party has undertaken such reasonably diligent efforts to cure such default. Any termination for cause shall be without prejudice to any claims that either Party may have against the other Party, its agents or subcontractors.

#### **4. CONFLICT OF INTEREST**

4.1 ARCADIS shall not perform, or enter into any agreement for, services for any other person, corporation or entity, except with prior written consent of Client, if, in the sole discretion of ARCADIS, the performance of the services could result in a conflict with ARCADIS obligations under this Agreement. ARCADIS represents that it has reasonably evaluated potential conflicts and has disclosed to Client in writing any prior or existing relationships which present, or could appear to present, a conflict with the Services to be performed.

#### **5. USE OF DOCUMENTS**

5.1 All documents provided by ARCADIS pursuant to this Agreement are instruments of service of ARCADIS, and ARCADIS shall retain an ownership and property interest therein (including the right of reuse) until Client has made full payment to ARCADIS for such documents pursuant to this Agreement. All documents generated by ARCADIS pursuant to this Agreement are not intended or represented to be suitable for reuse by Client or others on any other project, or for any other purposes other than that for which the same were created. Client agrees not to reuse said reports or materials on any other project, or for any other purpose other than that for which they were created, without the prior written consent of ARCADIS. Reuse of said reports or other material by Client for any other purpose or on other projects without written permission or adaptation by ARCADIS for the specific purposed then intended shall be at the Client's and user's sole risk, without any liability whatsoever to ARCADIS, and Client agrees to indemnify and hold harmless ARCADIS from all claims, damages and expenses, including attorneys' fees, arising out of such unauthorized reuse by Client.

5.2 The Parties agree that reports prepared by or on behalf of ARCADIS pertaining to site conditions, including but not limited to geotechnical engineering or geologic reports (hereinafter collectively "Site Condition Reports"), are prepared for the exclusive use of the Client and its authorized agents, and that no other party may rely on Site Condition Reports unless ARCADIS agrees in advance to such reliance in writing. Site Condition Reports are not intended for use by others, and the information contained therein is not applicable to

other sites, projects or for any purpose except the one originally contemplated in the Services. The Client acknowledges that the Site Condition Reports are based on conditions that exist at the time a study is performed and that the findings and conclusions of the Site Condition Reports may be affected by the passage of time, by manmade events such as construction on or adjacent to the site, or by natural events such as floods, earthquakes, slope instability or groundwater fluctuations, among others. The Parties agree that interpretations of subsurface conditions by ARCADIS or its subcontractors may be based on limited field observations including, without limitation, from widely spaced sampling locations at the Site. The Client acknowledges that site exploration by ARCADIS or its subcontractors will only identify subsurface conditions at those points where subsurface tests are conducted or samples are taken. The Parties agree that ARCADIS or its subcontractors may review field and laboratory data and then apply professional judgment to render an opinion about subsurface conditions at the Site and that the actual subsurface conditions may differ, sometimes significantly, from those indicated by ARCADIS or its subcontractors. The Client agrees that any report, conclusions or interpretations will not be construed as a warranty of the subsurface conditions by ARCADIS or its subcontractors. The Parties further agree that no warranty or representation, express or implied, is included or intended in any reports, conclusions, or interpretations prepared by or on behalf of ARCADIS pertaining to site conditions.

#### **6. RECORD RETENTION**

6.1 Any and all files, data, records, reports and other information or work product generated in connection with or related to ARCADIS Services, shall be retained and stored by ARCADIS in hard copy and/or electronic form for a period of ten (10) years from the completion of Services or such other period as specified by the client. If Client decides to retain said records, it must notify ARCADIS no later than thirty (30) days prior to the expiration of the period. Any additional expense of retaining documents or transfer of documents to Client at the end of such ten (10) year period will be at Client's expense. Provided however, that this provision shall not apply to drafts of plans, specifications, drawings or reports that shall be

destroyed immediately upon being superseded in the project.

## **7. PROPRIETARY RIGHTS OF ARCADIS**

7.1 Client acknowledges that ARCADIS has developed proprietary systems, processes, apparatus, analytical tools and methods which ARCADIS uses in its business. Such systems, processes, apparatus, analytical tools and methods, including software, patents, copyrights and other intellectual property, and all derivations, enhancements or modifications thereof made by ARCADIS, including those made as a result of work performed by ARCADIS for Client hereunder ("Intellectual Property"), shall be and shall remain the property of ARCADIS. This Agreement does not confer any grant of a license to any such ARCADIS Intellectual Property, nor any right of use by the Client independently or by other Client contractors.

## **8. INDEMNIFICATION**

8.1 ARCADIS shall indemnify, defend and hold harmless Client, its directors, officers, employees, shareholders and affiliates from and against any and all liabilities, losses, damages, costs and expenses (including attorneys' fees and court costs) which Client and its directors, officers, employees and agents hereafter may suffer as the result of any claim, demand, action or right of action (whether at law or in equity) brought or asserted by any third party because of any personal injury (including death) or property damage to the extent caused as a result of negligent acts, errors, omissions, or willful misconduct on the part of ARCADIS. ARCADIS shall not be liable to the extent that any liability, loss, damage, costs, and expense results from an act or omission, negligence or willful misconduct by Client or its directors, officers, employees or agents, or by any other person or entity not acting on ARCADIS' behalf or under ARCADIS' right of direction or control.

8.2 The Parties shall at all times remain entirely responsible for the results and consequences of their own negligence and agree to indemnify and hold harmless the other Party from and against any and all claims, losses, damages, costs and expenses, including attorneys' fees, which may arise or result from such Party's negligence.

8.3 The Client agrees that it will obtain indemnification of ARCADIS from any contractors hired or retained by Client for claims arising from or related to the contractor's acts or omissions in performing any work that is the subject matter of this Agreement and any Work Authorizations.

## **9. LIMITATION OF LIABILITY**

9.1 The Parties recognize the risks associated with the Services, that ARCADIS has not and cannot reasonably calculate the cost of unlimited liability in its cost proposal, and in consideration of the mutual benefits received by both parties, have agreed to the limitations noted herein. Therefore, to the fullest extent permitted by law, the total liability, in the aggregate of ARCADIS and its directors, officers, employees, agents, associates or subcontractors, and any of them, to Client or anyone claiming by, under or through the Client, for any and all injuries, claims, losses, expenses, including attorneys' fees, expert fees, or court costs and damages whatsoever arising out of or in any way related to ARCADIS Services under this Agreement, from any cause or causes whatsoever, including but not limited to, negligent acts or omissions, professional negligence, breach of contract, strict liability, errors or omissions of ARCADIS, or the employees, directors, officers, agents, associates of subcontractors of ARCADIS, or any of them, will be limited to the total amount of fees paid to ARCADIS under this Agreement. In no event, however, shall any such liability exceed the amount of applicable insurance that ARCADIS has agreed to procure and maintain under this Agreement.

9.2 The Client and ARCADIS waive incidental, indirect, or consequential damages, loss revenues or profits from claims, disputes or other matters in question arising out of or relating to this Agreement, whether such claims arise from negligence, breach of contract, or strict liability. This mutual waiver is applicable, without limitation, to all consequential damages due to either Party's termination.

## **10. INSURANCE**

10.1 ARCADIS shall maintain for the term of this

- Worker's Compensation and Employer's Liability insurance, statutory limits.

- Comprehensive General Liability insurance, a total of \$1,000,000 each occurrence and \$2,000,000 in aggregate.
- Comprehensive Automobile Liability insurance, a total of \$1,000,000 each occurrence and \$2,000,000 in aggregate.
- Professional errors and omissions insurance with a per claim limit of not less than \$3,000,000

## **11. CONFIDENTIALITY**

11.1 In order to protect the Client's confidential and proprietary commercial and financial information, any documents records, data or communications provided by Client or produced by ARCADIS for Client shall be treated as confidential. Such information shall not be disclosed to any third party, unless necessary to perform the Services. Information will not be considered confidential if: (i) the information is required to be disclosed as a part of the Services, hereunder; (ii) information is in the public domain through no action of ARCADIS in breach of the Agreement; (iii) information is independently developed by ARCADIS; (iv) the information is acquired by ARCADIS from a third party not delivered to ARCADIS in breach of any known confidentiality agreements; or (v) disclosure is required by law, court order or subpoena. In the event ARCADIS believes that it is required by law to reveal or disclose any information, prior to disclosure or production ARCADIS shall first notify Client in writing.

## **12. NOTICES**

12.1 All notices shall be either: (i) sent by certified mail, return receipt requested, in which case notice shall be deemed delivered three (3) business days after deposit, postage prepaid in the U.S. Mail; (ii) sent by overnight delivery using a nationally recognized overnight courier, in which case it shall be deemed delivered one business day after deposit with such courier; or (iii) sent by personal delivery. Addresses may be changed by written notice to the other Party; provided, however, that no notice of a change of address shall be effective until actual receipt of such notice. Copies of notices are for informational purposes only, and a failure to give or receive copies of any notice shall not be deemed a failure to give notice.

## **13. MEDIATION**

13.1 If any dispute arises out of or relates to this Agreement, or the breach thereof, and the dispute cannot be settled through direct discussions by the representatives of the Parties, the Parties agree then to submit the matter to mediation under the Construction Industry Mediation Rules of the American Arbitration Association before having recourse to a judicial forum. No written or oral representation made during the course of any settlement negotiations or mediation shall be deemed a party admission.

## **14. CONSTRUCTION COST ESTIMATES**

14.1 The Client shall advise ARCADIS in writing before design commencement of any budgetary limitations for the overall cost of construction. ARCADIS will endeavor to work within such limitations and will, if requested and included within the scope of services, submit to Client an opinion of probable construction cost. Opinions of probable construction cost will represent ARCADIS' reasonable judgment as a design professional familiar with the construction industry, but does not represent that bids or negotiated prices will not vary from budgets or opinions of probable cost. Client acknowledges that neither ARCADIS nor Client has control over the cost of labor, materials or methods by which contractors determine prices for construction.

## **15. PLAN INFORMATION**

15.1 If the scope of services provide for the preparation of plans or drawings by ARCADIS, ARCADIS makes no representations that all existing utilities are shown or that any utilities shown thereon are accurately depicted.

## **16. GENERAL PROVISIONS**

16.1 **Entire Agreement** – This Agreement constitutes the entire agreement between the Parties with respect to the Services, and supersedes all prior negotiations, representations or agreements relating thereto, written or oral, except to the extent they are expressly incorporated herein. Unless otherwise provided for herein, no amendments, changes, alterations or modifications of this Agreement shall be effective unless in writing, executed by Client and ARCADIS.

**16.2 No Third Party Beneficiaries** - The enforcement of the terms and conditions of this Agreement and all rights of action relating to such enforcement, shall be strictly reserved to the Client and ARCADIS, and nothing contained in this Agreement shall give or allow any such claim or right of action by any other or third person on such Agreement. It is the express intention of the Client and ARCADIS that sub consultants and any other person other than the Client or ARCADIS receiving any benefits from this Agreement shall be deemed to be incidental beneficiaries only.

**16.3 Force Majeure** - Neither Party shall be liable to the other for failure to perform its obligations hereunder if and to the extent that such failure to perform is caused by forces beyond its reasonable control, including without limitation, strikes, lockouts, or other industrial disturbances, acts or omissions of subcontractors, compliance with any regulations, civil disturbances, fires, floods, earthquakes, acts of God, acts of a public enemy or terrorism, epidemics or pandemics.

**16.4 Severability and Waiver** - If any portion of this Agreement is held invalid or inoperative, then so far as is reasonable and possible, the remainder of this Agreement shall be deemed valid and operative, and effect shall be given to the intent manifested by the portion held invalid or inoperative. The failure by either Party to enforce against the other Party any term or provision of this Agreement shall be deemed not to be a waiver of such Party's right to enforce against the other party the same or any other such term or provision.

**16.5 Governing Law** - The laws of the State in which the Project is located shall govern this Agreement and the legal relations of the Parties.

**16.6 Compliance with Law** - ARCADIS and Client will use reasonable care to comply with applicable laws in effect at the time the Services are performed hereunder, which to the best of their knowledge, information and belief; apply to their respective obligations under this Agreement. Client shall cooperate with ARCADIS in obtaining any permits or licenses required for the performance of the Services.

**16.7 Delegation and Assignment** - Party may at any time delegate, orally or in writing, this Agreement, or any portion thereof, with the prior

written consent of the other Party. No such delegation shall operate to relieve the Party of its responsibilities hereunder.

**16.8 Headings** - Headings of particular paragraphs are inserted only for convenience and are in no way to be construed as a part of this Agreement or as a limitation of the scope of the paragraphs to which they refer.

## **17. ACCESS TO PREMISES**

During the term of this Agreement, Client shall grant to or cause to be made available to ARCADIS reasonable and necessary nonexclusive access to any location as necessary for purpose of allowing ARCADIS to perform the Services and fulfill its obligations under this Agreement. Client shall immediately notify ARCADIS if Client is unable to obtain necessary access within a timely manner. Should ARCADIS be obstructed or delayed in the commencement, performance or completion of the Work, without fault on its part, by reason of not having full access to the location, and then ARCADIS will be entitled to an adjustment in compensation and/or an extension in the completion time requirements.

## **18. SITE CONDITIONS**

ARCADIS shall not be liable for: (i) damage or injury to any subterranean structures (including, but not limited to, utilities, mains, pipes, tanks, and telephone cables) or any existing subterranean conditions; or the consequences of such damage or injury, if (with respect to this clause) (i) such structures or conditions were unknown and were not identified or shown, or were incorrectly shown, in information or on plans furnished to or obtained by ARCADIS in connection with the Services; (ii) concealed conditions encountered in the performance of the Services; (iii) concealed or unknown conditions in an existing structure at variance with the conditions indicated by the Scope of Services or Work Authorization; or (iv) unknown physical conditions below the surface of the ground that differ materially from those ordinarily encountered and are generally recognized as inherent in work of the character provided under this Agreement.

Client shall provide to ARCADIS all plans, maps, drawing and other documents identifying the location of any subterranean structures on the Site. Prior to location of any drilling or excavation below the ground surface, ARCADIS shall obtain the concurrence of the Client as to the location for such drilling or excavation. Should: (i) concealed conditions be encountered in the performance of the Services; (ii) concealed or unknown conditions in an existing structure be at variance with the conditions indicated by the Scope of Services or Work Authorization; or (iii) unknown physical conditions below the ground differ materially from those ordinarily encountered and generally recognized as inherent in work of the character provided under this Agreement; then the amount of this Agreement and/or time for performance shall be equitably adjusted by change order upon claim by either Party made within twenty (20) days after the first observance of the conditions

**EXHIBIT C**  
**WORK AUTHORIZATION**  
**NO. 1-RPR**

This Work Authorization is entered into by and between **ARCADIS U.S., Inc.** a Delaware corporation ("ARCADIS") and the **City of North Canton, Ohio** ("Client"). This Work Authorization incorporates by reference the Professional Service Agreement entered into by the Parties dated \_\_\_\_\_ (the "Services Agreement"). The Services Agreement is hereby amended and supplemented as follows:

**1. GENERAL DESCRIPTION OF BASIC SERVICES**

- 1.1 Client hereby authorizes ARCADIS to perform the following general scope of Basic Services:
- Resident Project Representation (RPR)
- 1.2 Client authorizes ARCADIS to provide the Basic Services described in this Work Authorization in connection with the following Project or Site(s):
- Frank Avenue/Applegrove Street Water Line Improvements.**

**2. CONSTRUCTION PHASE**

- 2.1 During the Construction Phase ARCADIS shall: Perform RPR services as detailed in the attached Proposal dated March 18, 2011, consisting of 2 pages, and the "Attachment A – Duties, Responsibilities and Limitations of Authority of Resident Project Representative".
- 2.2 The proposed RPR services will commence during March 2011, as determined by the Contractor's construction progress schedule.

**3. COMPENSATION FOR SERVICES**

3.1 **Direct Labor Cost Times a Factor Method:**

Client shall pay ARCADIS for Basic Services as follows:

An amount equal to ARCADIS' direct labor cost time a factor of 3.0 for all services performed by ARCADIS' principals and employees pursuant to this Work Authorization.

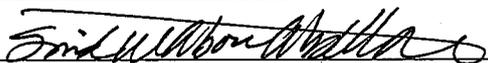
3.2 Other costs incurred by ARCADIS pursuant to this Work Authorization shall be reimbursed as follows:

Direct expenses for mileage, field expenses and other required expenses for project.

- 3.2.1 Payment for services performed in furtherance of the Basic Services to be performed shall not exceed \$38,500, unless otherwise increased as directed by the Client. ARCADIS shall provide notice to the Client in the event that the forgoing amount will be exceeded to complete or continue the services.

4. SCHEDULE FOR SERVICES

ARCADIS shall perform the Basic Services described above in accordance with the following schedule: March through May, 2011.

CLIENT		ARCADIS	
By:		By:	 James M. Crandall, PE
Title:		Title:	<del>Associate</del> Senior Vice President
Date:		Date:	3-21-2011

An ordinance authorizing the Mayor of the City of North Canton, through the Board of Control, to enter into a professional services contract for Resident Project Representative ("RPR") for the Frank Avenue NW / Applegrove Street Water Main Improvements Project (Sunset to Shuffel), at a cost not to exceed \$38,500 and declaring the same to be an emergency.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NORTH CANTON, COUNTY OF STARK, STATE OF OHIO:

Section 1. That the Mayor of the City of North Canton, through the Board of Control, be, and is hereby authorized to enter into a professional services contract for construction management services for the Frank Avenue NW / Applegrove Street Water Main Improvements Project (Sunset to Shuffel), at a cost not to exceed \$38,500.

Section 2. That the Director of Finance of the City of North Canton, be, and is hereby authorized to draw funds necessary for the payment of the above specified contract from the following appropriation:

651	WATER EXP., REPL. & IMPROVEMENT FUND	
651.767.5503	Facilities – Outside Waterlines	\$38,000

upon receipt of vouchers duly approved by the proper departmental authority.

Section 3. That if a provision of this ordinance is or becomes illegal, invalid or unenforceable, that shall not affect the validity or enforceability of any other provision of this ordinance.

Section 4. That this ordinance is hereby declared to be an emergency measure necessary for the preservation of the health, safety and peace of the City of North Canton and further necessary for the timely completion of the design of the Frank Avenue NW / Applegrove Street Water Main Improvements Project (Sunset to Shuffel); wherefore, provided it receives the affirmative vote of six (6) or more members of Council elected thereto, this ordinance shall take effect and be in full force immediately upon its adoption by Council and approval by the Mayor. Otherwise, it shall take effect and be in force from and after the earliest period allowed by law.

North Canton, OH  
Passed:

\_\_\_\_\_  
MAYOR

SIGNED: \_\_\_\_\_, 2011

ATTEST:

\_\_\_\_\_  
CLERK OF COUNCIL

# RECORD OF ORDINANCES

Dayton Legal Blank, Inc.

Form No. 30043

Ordinance No. 8-11

Passed January 10, 20 11

1/5/11-gmk  
(Water, Sewer & Rubbish)

Ordinance No. 8-11

An ordinance authorizing the Director of Administration of the City of North Canton to advertise and receive bids; and authorizing the Mayor of the City of North Canton, through the Board of Control, to enter into a contract for the Frank Road/Applegrove Waterline Project - 2011, at a cost not to exceed \$600,000, and declaring the same to be an emergency.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NORTH CANTON,  
COUNTY OF STARK, STATE OF OHIO:

Section 1. That the Director of Administration of the City of North Canton, be, and is, hereby authorized to advertise and receive bids, according to specifications now on file in the office of the Director of Administration for the Frank Road/Applegrove Waterline Project - 2011.

Section 2. That the Mayor of the City of North Canton, through the Board of Control, be, and is hereby authorized to enter into a contract for the Frank Road/Applegrove Waterline Project - 2011, at a cost not to exceed \$600,000,

Section 3. That the Director of Finance of the City of North Canton, be, and is hereby authorized to draw funds necessary for the payment of the above specified contract from the following appropriation:

651	WATER EXP., REPL. & IMPROVEMENT FUND	
651.767.5503	Facilities - Outside Waterlines	\$600,000

upon receipt of vouchers duly approved by the proper departmental authority.

Section 4. That if a provision of this ordinance is or becomes illegal, invalid or unenforceable, that shall not affect the validity or enforceability of any other provision of this ordinance.

Section 5. That this ordinance is hereby declared to be an emergency measure necessary for the preservation of the health, safety and peace of the City of North Canton and further necessary for the timely completion of the Frank Road/Applegrove Waterline Project - 2011; wherefore, provided it receives the affirmative vote of six (6) or more members of Council elected thereto, this ordinance shall take effect and be in full force immediately upon its adoption by Council and approval by the Mayor. Otherwise, it shall take effect and be in force from and after the earliest period allowed by law.

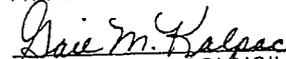
North Canton, OH

Passed: 1/10/11

  
MAYOR

SIGNED: 1/10, 2011

ATTEST:

  
CLERK OF COUNCIL



C/W: 4/4/11  
Item 6a

# City of NORTH CANTON, OHIO

145 NORTH MAIN STREET  
NORTH CANTON, OHIO 44720-2587

March 29, 2011

To: Jon Snyder  
President of Council

Re: Legislative Request

Please consider amending Ordinance No. 39-11, to include Section 191.16, requiring all businesses to notify the City Income Tax Department of all Form1099's that they issue.

Sincerely,

V. Margaret Loretto  
Director of Finance

VML:gmk

3/22/11-gmk  
(Finance & Property)

Ordinance No. 39-11

An ordinance amending Chapter 191 Administrative Code, specifically, Section 191.04 IMPOSITION OF TAX ON RESIDENTS, 191.05 IMPOSITION OF TAX ON NON-RESIDENTS, and 191.16 COLLECTION OF TAX AT SOURCE, of the Codified Ordinances of the City of North Canton, Ohio and declaring the same to be an emergency.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NORTH CANTON, COUNTY OF STARK, STATE OF OHIO:

Section 1. That Chapter 191 Administrative Code, specifically, Section 191.04 IMPOSITION OF TAX ON NON-RESIDENTS, 191.05 IMPOSITION OF TAX ON NON-RESIDENTS, AND 191.16 COLLECTION OF TAX AT SOURCE, of the Codified Ordinances of the City of North Canton, be, and the same are hereby amended to read as follows:

"191.04 IMPOSITION OF TAX ON RESIDENTS

(a) In the case of residents of the City an annual tax of one and one-half percent (1.5%) is imposed on all salaries, qualifying wages, commissions, other compensation, and other income (including earnings deposited by the employee into deferred compensation or medical coverage plans) earned or received during the effective period of the Ordinance. For the purpose of determining the tax on the income of resident taxpayers, the source of the income and the place or places in or at which the services were rendered or the income was earned or received, are immaterial. All such income wherever earned or received is taxable.

(b) The following are items which are subject to the tax:

(1) Gross income, including but not limited to income, salaries, qualifying wages, bonuses and incentive payments earned by an individual, whether directly or through an agent, and whether in cash or in property for services rendered during the tax period as an officer, director or employee of a corporation (including charitable and other nonprofit organizations), or association or any other entity or person; an officer or employee (whether elected, appointed, or commissioned) of the United States Government or any of its agencies or of the State of Ohio or any of its political subdivisions or agencies thereof; or any foreign country or dependency. For clarification, effective January 1, 2005, "income" includes lottery, gambling and sports winnings, and games of chance. No deductions shall be allowed against income from lottery, gambling and sports winnings, and games of chance unless the taxpayer is considered a professional gambler for federal income tax purposes, in which case related deductions as permitted by the Internal Revenue Code shall be allowed against gambling and sports winnings.

- (2) Commissions earned or received by a taxpayer, whether directly or through an agent, and whether in cash or in property for services rendered during the effective period of the Ordinance, regardless of how computed or by whom or wheresoever paid.
- A. If amounts received as a drawing account exceed the commissions earned and the excess is not subject to the demand of the employer for repayment, the tax is payable on the amounts received as a drawing account.
  - B. Amounts received from an employer for expenses and used as such by the individual receiving them are not deemed to be compensation if the employer deducts such expenses or advances as such from his gross income for the purpose of determining his net profits taxable under federal law, and the employee is not required to include such receipts as income on his federal income tax return.
  - C. If commissions are included in the net earnings of the trade, business, profession, enterprise or activity, carried on by an unincorporated entity or association of which the individual receiving such commissions is owner or part owner and therefore subject to Section 191.06 and/or 191.07, they shall not be subject to Section 191.04.
- (3) Fees, unless such fees are properly includible as part of the net profits of a trade, business, profession, or enterprise regularly carried on by an unincorporated entity or association owned or partly owned by said individual and such net profits are subject to Section 191.06 and/or 191.07.
- (4) Other compensation and income, as reported on W-2's or 1099's, including but not limited to tips, bonuses, lump sum distribution from qualified pension and profit sharing trusts not made pursuant to employee's retirement, profit sharing, "non-competition" covenants, portions of stock options that are not considered capital gains by the City, lottery winnings, including the Ohio State Lottery and Multi-State Lotteries, sports winnings, gambling winnings of any type, or gifts of any type in connection with services rendered.
- (5) Payments made to an employee by an employer as sick leave, vacation pay, or any other types of payments made under a wage or salary continuation plan, "including sub" pay (such as pay received from unions by individuals in lieu of wages), during periods of absence from work are taxable when paid.
- (6) Payments made to an employee by an employer as separation or severance payouts (including but not limited to separation pay, termination pay, and early retirement incentives) and reportable as earned income (including, but not limited to, sick pay and vacation pay) are taxable when paid if applicable tax has not previously been paid. Ongoing retirement benefits, such as pension payments, are exempt from North Canton income tax.

- (7) Moving expenses, to the extent that they are reimbursed by employers, are not taxable if deducted on federal return.
- (8) For taxable years 2004 and later, if any of the items listed in subsections (b)(1)-(7) hereof are not considered taxable for Internal Revenue Code Section 3121(a) withholding, those items shall not be considered taxable for North Canton.
- (9) Effective for tax years 2004 and later, the distributive share of income paid to an S corporation shareholder shall be taxable in the following manner:
  - (A) If no portion of the net profits of the S corporation are allocated or apportioned to the State of Ohio, the distributive share is taxable only to the extent that it represents wages or net earnings from self-employment.
  - (B) If any portion of the net profits of the S corporation are allocated or apportioned to the State of Ohio, the full amount of the distributive share is taxable.
- (c) Domestic employees are not subject to employer withholding under North Canton Income Tax, but such employees shall be subject to all of the requirements of the ordinance regarding individual filing.
- (d) When a resident receives compensation for services for sales of real estate or insurance from an employer whose sit-as is the City, that total compensation is taxable at City's tax rate and is payable to the City. The site of the property sold or residence of the purchaser of insurance has no bearing on the taxing of the compensation.

#### 191.05 IMPOSITION OF TAX ON NON-RESIDENTS

- (a) In the case of individuals who are non-residents of North Canton, there is imposed an annual tax at the rate of one and one-half (1.5%) per annum on all qualifying wages, commissions, other compensation and other income (including earnings deposited by the employee into deferred compensation or medical coverage plans) earned or received during the effective period of the Ordinance for work done or services performed or rendered within the City, whether such compensation or remuneration is received or earned directly or through an agent and whether paid in cash or in property. The location of the place from which payment is made is immaterial.
- (b) The items subject to tax under this section are the same as those listed and defined in Section 191.04. For methods of computing the extent of such work or services performed within the City, and cases involving compensation for personal services partly within and partly outside the City.

- (c) 12-day occasional entry rule:
- (1) A non-resident individual who works in the City twelve (12) or fewer days per year shall be considered an occasional entrant, and shall not be subject to North Canton municipal income tax for those 12 days. For the purposes of the 12-day calculation, any portion of a day worked in North Canton shall be counted as one day worked in North Canton.
  - (2) Beginning with the thirteenth day, the employer of said individual shall begin withholding North Canton income tax from remuneration paid by the employer to the individual, and shall remit the withheld income tax to North Canton in accordance with Section 191.16. Since the individual can no longer be considered to have been occasional entrant, the employer is further required to remit taxes on income earned in North Canton by the individual for the first twelve days.
  - (3) If the individual is self-employed, it shall be the responsibility of the individual to remit the appropriate income tax to the City.
  - (4) The 12-day occasional entry rule does not apply to entertainers or professional athletes, their employees or individuals who perform services on their behalf, or to promoters and booking agents of such entertainment events and sporting events.
- (d) When a non-resident receives compensation for services for sales of real estate or insurance, and the real estate sold or purchaser of the insurance are resident to North Canton, the total compensation related to the sales is taxable at North Canton's tax rate and is payable to the City of North Canton.
- (e) On all qualifying wages earned by persons employed by the City of North Canton, whether residents or non-residents of the City of North Canton, for work done or services performed or rendered for the City of North Canton.

#### 191.16 COLLECTION OF A TAX AT SOURCE.

- (a) It is the duty of each employer (as hereinbefore defined) who employs one or more persons on a salary, wage, commission, other compensation or other income basis, to deduct from compensation paid to any employee subject to the Ordinance, the tax at its then applicable rate from such salary, qualifying wage, bonus, incentive payment, commission or other compensation or other income due by said employer to said employee. The tax shall be deducted by the employer from:
- (1) All compensation paid to employees who are non-residents of the City for services rendered, work performed, or other activities engaged in within the City; and
  - (2) From the gross amount of all income, qualifying wages, bonuses, incentive payments, commissions or other form of compensation paid to employees who are residents of the City, regardless of the place where the services are rendered.

(3) For taxable years 2004 and later, tax shall be withheld only from qualifying wages as defined in Section 191.01(v), with the following adjustments:

- A. Deduct any amount included in wages if the amount constitutes compensation attributable to a plan or program described in Section 125 of the Internal Revenue Code.
- B. Add any amount not included in wages solely because the employee was employed by the employer prior to April 1, 1986, and thereby exempt from the Medicare tax. The wages shall be taxed as if they were subject to the Medicare tax.
- C. Add any amount not included in wages because the amount arises from the sale, exchange, or other disposition of a stock option, the exercise of a stock option, or the sale, exchange, or other disposition of stock purchased under a stock option and the municipal corporation has not, by resolution or ordinance, exempted the amount from withholding and tax. This subsection applies only to those amounts constituting ordinary income. Further, an employer is not required to make any withhold with respect to an individual's disqualifying disposition of an incentive stock option if, at the time of the disqualifying disposition, the individual is not an employee of the corporation with respect to whose stock the option has been issued.
- D. Add any amount not included in wages if the amount is an amount described in Section 401(k) or 457 of the Internal Revenue Code. This subsection applies only to employee contributions and employee deferrals.
- E. Add any amount that is supplemental unemployment compensation benefits described in Section 3402(o)(2) of the Internal Revenue Code and not included in wages.

- (b) All employers who or which maintain an office or other place of business in North Canton are required to make the collections and deductions in this section specified, regardless of the fact that the services on account of which any particular deduction is required as to residents of the City, were performed at a place of business of any such employer situated outside the City.
- (c) The mere fact that the tax is not withheld will not relieve the employee of the responsibility of filing a return and paying the tax on the compensation received. If the employer has withheld the tax and failed to pay the tax withheld to the Commissioner, the employee is not liable for the tax so withheld.

(d) Commissions and fees paid to professionals, brokers, and others who are independent contractors and not employees of the payor, are not subject to withholding or collection of the tax at the source. Such taxpayers must in all instances file returns and pay the tax pursuant to the provisions of Section 191.14 et seq.

(f) Where a non-resident receives compensation for personal services rendered or performed partly within and partly outside North Canton, the withholding employer shall deduct, withhold and remit that portion of the compensation which is earned with North Canton in accordance with the following rules of apportionment:

(1) If the non-resident is a salesman, agent or other employee whose compensation on the basis of commissions depends directly on the volume of business transacted or chiefly affected by him, the deducting and withholding shall attach to the portion of the entire compensation which the volume of business transacted by the employee within the City bears to the total volume of business transacted by him, except as clarified in Sections 191.04(d) and 191.05(d).

(2) The deducting and withhold of personal service compensation of all other employees (including officers of corporations) shall attach to the portion of the personal service compensation of such employee which the number of working days employed within the City bears to the employee's total number of working days.

(3) If it is impossible to apportion the earnings as provided above because of the nature of the service or the basis of compensation, the percentage of time worked in North Canton shall be computed on the basis of a forty-hour week.

(f) An employer shall withhold the tax on the full amount of any advances made to an employee on account of commissions (whether by way of drawing account or otherwise).

(g) For taxable years prior to 2004, an employer required to withhold the tax on compensation paid to an employee shall, in determining the amount on which the tax is to be withheld, ignore any amount allowed and paid by the employer to the employee for expenses necessarily and actually incurred by the employee in the actual performance of his services, provided that such expenses are incurred in earning compensation, including commissions, and are not deducted as business expense by the employee.

(h) All employers that provide any contractual service within the City, and who employ subcontractors in conjunction with that service, shall provide the City the names and addresses of the subcontractors. The subcontractors shall be responsible for all income tax withhold requirements under this ordinance.

(i) *businesses* issue a Federal Form 1099 to any person<sup>or</sup> entity and who employ subcontractors in conjunction with that service, shall notify the City Income Tax Department of all Form 1099's that they issue.

*person or entity* shall notify the City Income Tax Department at the same address of each and amount listed on the 1099

Section 2. That if a provision of this ordinance is or becomes illegal, invalid or unenforceable, that shall not affect the validity or enforceability of any other provision of this ordinance.

Section 3. That this ordinance is hereby declared to be an emergency measure necessary for the preservation of the health, safety, and peace of the City of North Canton and further necessary for the timely implementation of the changes to the City's income tax code; wherefore, provided it receives the affirmative vote of six (6) or more members of Council elected thereto, this ordinance shall take effect and be in full force immediately upon its adoption by Council and approval by the Mayor. Otherwise, it shall take effect and be in force from and after the earliest period allowed by law.

North Canton, OH  
Passed:

\_\_\_\_\_  
MAYOR

SIGNED: \_\_\_\_\_, 2011

ATTEST:

\_\_\_\_\_  
CLERK OF COUNCIL

g:\2011 legislation\39-11 income tax amendment.docx

DRAFT

- (2) Within three (3) months from the final determination (whether by decision of the appropriate taxing authority or a judicial decision) of any federal, State, or municipal income tax liability affecting the taxpayer's City tax liability, such taxpayer shall make and file an amended City return showing income subject to the City tax based upon such final determination of federal, State, or municipal income tax liability, and pay any additional tax shown due thereof or make claim for refund of any overpayment.

(i) Any business, profession, association or corporation reporting a net loss is subject to the filing requirements of this ordinance.

(j) Trustees of active trusts are required to file returns and pay the tax on the taxable income thereof.

(k) The fact that a taxpayer is not required to file a federal return does not relieve him from filing a City return.

(l) Persons, resident or non-resident, shall not be permitted to offset any losses derived from business against any wages or payroll earnings outside of that business. (Ord. 145-04. Passed 11-15-04.)

#### **191.15 RECONCILIATION WITH FEDERAL RETURNS.**

(a) Where figures of total income, total deductions, and net profits are included, as shown by a federal return, adjustments shall be made for any items of income and allowable expenses which are not subject to the City tax shall be eliminated, and for taxable years prior to 2004, net profit items not subject to federal tax but subject to the City tax shall be included, in determining net income subject to the City tax. These adjustments shall be shown in a form approved by the Director of Finance.

(b) The Director of Finance may require additional information at any time he deems necessary to verify the accuracy of any return. (Ord. 155-05. Passed 9-12-06.)

#### **191.16 COLLECTION OF TAX AT SOURCE.**

(a) It is the duty of each employer (as hereinbefore defined) who employs one or more persons on a salary, wage, commission, other compensation or other income basis, to deduct from compensation paid to any employee subject to the Ordinance, the tax at its then applicable rate from such salary, qualifying wage, bonus, incentive payment, commission or other compensation or other income due by said employer to said employee. The tax shall be deducted by the employer from:

- (1) All compensation paid to employees who are non-residents of the City for services rendered, work performed, or other activities engaged in within the City; and

- (2) From the gross amount of all income, qualifying wages, bonuses, incentive payments, commissions or other form of compensation paid to employees who are residents of the City, regardless of the place where the services are rendered.
- (3) For taxable years 2004 and later, tax shall be withheld only from qualifying wages as defined in Section 191.01(v), with the following adjustments:
  - A. Deduct any amount included in wages if the amount constitutes compensation attributable to a plan or program described in section 125 of the Internal Revenue Code.
  - B. Add any amount not included in wages solely because the employee was employed by the employer prior to April 1, 1986, and thereby exempt from the Medicare tax. The wages shall be taxed as if they were subject to the Medicare tax.
  - C. Add any amount not included in wages because the amount arises from the sale, exchange, or other disposition of a stock option, the exercise of a stock option, or the sale, exchange, or other disposition of stock purchased under a stock option and the municipal corporation has not, by resolution or ordinance, exempted the amount from withholding and tax. This subsection applies only to those amounts constituting ordinary income. Further, an employer is not required to make any withholding with respect to an individual's disqualifying disposition of an incentive stock option if, at the time of the disqualifying disposition, the individual is not an employee of the corporation with respect to whose stock the option has been issued.
  - D. Add any amount not included in wages if the amount is an amount described in section 401(k) or 457 of the Internal Revenue Code. This subsection applies only to employee contributions and employee deferrals.
  - E. Add any amount that is supplemental unemployment compensation benefits described in section 3402(o)(2) of the Internal Revenue Code and not included in wages.

(b) All employers who or which maintain an office or other place of business in North Canton are required to make the collections and deductions in this section specified, regardless of the fact that the services on account of which any particular deduction is required as to residents of the City, were performed at a place of business of any such employer situated outside the City.

(c) The mere fact that the tax is not withheld will not relieve the employee of the responsibility of filing a return and paying the tax on the compensation received. If the employer has withheld the tax and failed to pay the tax withheld to the Commissioner, the employee is not liable for the tax so withheld.

(d) Commissions and fees paid to professionals, brokers, and others who are independent contractors and not employees of the payor, are not subject to withholding or collection of the tax at the source. Such taxpayers must in all instances file returns and pay the tax pursuant to the provisions of Section 191.14 et seq.

(e) Where a non-resident receives compensation for personal services rendered or performed partly within and partly outside North Canton, the withholding employer shall deduct, withhold and remit that portion of the compensation which is earned with North Canton in accordance with the following rules of apportionment:

- (1) If the non-resident is a salesman, agent or other employee whose compensation on the basis of commissions depends directly on the volume of business transacted or chiefly effected by him, the deducting and withholding shall attach to the portion of the entire compensation which the volume of business transacted by the employee within the City bears to the total volume of business transacted by him, except as clarified in Sections 191.04(d) and 191.05(d).
- (2) The deducting and withholding of personal service compensation of all other employees (including officers of corporations) shall attach to the portion of the personal service compensation of such employee which the number of working days employed within the City bears to the employee's total number of working days.
- (3) If it is impossible to apportion the earnings as provided above because of the nature of the service or the basis of compensation, the percentage of time worked in North Canton shall be computed on the basis of a forty-hour week.

(f) An employer shall withhold the tax on the full amount of any advances made to an employee on account of commissions (whether by way of drawing account or otherwise).

(g) For taxable years prior to 2004, an employer required to withhold the tax on compensation paid to an employee shall, in determining the amount on which the tax is to be withheld, ignore any amount allowed and paid by the employer to the employee for expenses necessarily and actually incurred by the employee in the actual performance of his services, provided that such expenses are incurred in earning compensation, including commissions, and are not deducted as a business expense by the employee.

(h) All employers that provide any contractual service within the City, and who employ subcontractors in conjunction with that service, shall provide the City the names and addresses of the subcontractors. The subcontractors shall be responsible for all income tax withholding requirements under this ordinance.

(Ord. 145-04. Passed 11-15-04.)



145 North Main St. · North Canton, OH 44720  
Phone: 330-499-8223 Fax: 330-305-0603

**CITY OF NORTH CANTON**  
**Michael J. Grimes**  
Director of Administration

Legislation Request

To: Jon Snyder, Council President  
Date: March 29, 2011  
Subject: Loose Coin Payment of Fines & Permits

EMERGENCY REQUESTED  YES  NO

The Chief of Police has requested Council establish a policy that person(s) paying monies for fines, permits, or any other purpose are not permitted to pay with more than twenty (20) loose coins.

The rationale is that this causes a hardship when only one dispatcher is working and needs to count, receipt and turn in the coins for deposit. This is almost always perpetrated by a person who purposely desires to cause a hardship and interfere with the efficient operation of the police department. I would propose that the policy be established for all city departments that take monies.

Respectfully Submitted,

Michael J. Grimes  
c: Director of Finance

**RECEIVED**

**MAR 30 2011**

**COUNCIL OFFICE  
NORTH CANTON, OHIO**

**MEMO:** From The Desk Of **MIKE WURGLER** - Chief of Police

**To: Michael Grimes, Director of Administration**

**Date: March 29, 2011**

**Re: Penny/coin policy**

---

**Mr. Grimes,**

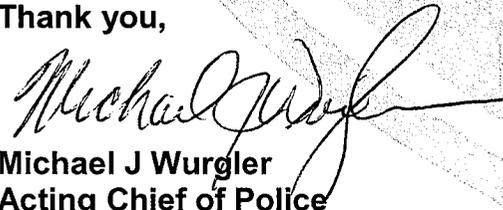
**As you are aware, we have an issue with one particular resident who likes to pay his parking tickets with unrolled pennies. He normally comes in on the weekends when we only have one dispatcher working and leaves the loose coin in the PD window slot, then departs prior to them being counted. It makes it hard for the dispatcher to count the coin, and handle the phone and radio traffic. Lately he has been leaving more money than the cost of the ticket causing a lot of time and effort to get a refund check issued.**

**I asked the Law Director if we could establish a policy of not accepting pennies for payment of fines/parking tickets. His opinion is attached, but he has concluded that we could make such a policy, but that it would be better if it came from the city council. I am hereby making a legislation/resolution request for a policy on accepting loose coins as follows:**

***In order to maintain efficiency of each of the city's departments, the North Canton City Council hereby establishes a policy that persons paying monies to the city for fines, permits, or for any other purpose are not permitted to pay with more than twenty (20) loose coins.***

**Please let me know if you have any suggestions or comments.**

**Thank you,**

  
**Michael J Wurgler  
Acting Chief of Police**

## Mike Wurgler

---

**From:** Hans Nilges [hnilges@northcantonohio.com]  
**Sent:** Thursday, March 24, 2011 5:50 PM  
**To:** Mike Wurgler  
**Cc:** Gail Kalpac; Mike Grimes  
**Subject:** Paying with Pennies

Chief Wurgler: You asked whether you could establish a policy of refusing to accept payment in pennies.

First, it appears that it is legal to establish such a policy:

*Under the fourth assignment of error it is asserted the court erred in refusing to accept the 12,300 loose and unrolled pennies as payment of the fine and costs. We disagree.*

*Appellant contends that since United States coins are defined in 31 U.S. CA 5103 as legal **tender [\*10]** "for all debts, public charges taxes and dues" they can be tendered in any amount, here 12,300 pennies, which the clerk is required to accept. It defies logic and common sense that this Congress intended such a wooden and broad application of the statute beyond any control of the payee regardless of circumstances.*

*The General Assembly in R.C. 1901.31(F) granted authority to the clerk to "receive, collect, and issue receipts for all costs, fees, fines, bail, and other moneys payable to the office or to any officer of the court." Manifestly, the General Assembly granted implied authority to the clerk to provide a reasonable procedure for the place, time and manner of accepting fines consistent with the efficient operation of the clerk's office.*

*The procedure of the clerk in requiring loose coins to be placed in wrappers was found by the court below to be reasonable. We agree with the trial court. A disgruntled defendant desiring to protest his fines must comply with such reasonable rule. In this case appellant sought to pay his fine and costs with 12,300 pennies which, if accepted would require several hours of her time to count. In the event the fine was much greater, such as \$ 500 **[\*11]** the office of the clerk would conceivable require, in effect, a partial shut down for hours of the clerk's office, diverting the office from other required and necessary duties.*

*We hold the trial court correctly held the clerk was not required to accept loose pennies, even if legal **tender**, in payment of a fine. The fourth assignment of error is overruled.*

*The judgment is reversed and remanded for the entry of a new order of commitment consistent with this opinion.*

Second, I do not believe it would take councilmanic action to establish such a policy. Rather, I believe that this is a matter of administrative prerogative. To ensure enforceability, however, I cannot see any harm in submitting a legislative request asking council to formally adopt the policy by ordinance.

Feel free to contact me if you have any questions regarding this matter.

Regards,

Hans

3/29/2011

An ordinance establishing a policy limiting the number of loose coins to a maximum of twenty (20) for payment to the City of North Canton for fines, permits, fees, or any other necessary payments.

BE IT ORDAINED BY THE COUNCIL OF THE CITY OF NORTH CANTON, COUNTY OF STARK, STATE OF OHIO:

- Section 1. That a policy limiting the number of loose coins to a maximum of twenty (20) for payment to the City of North Canton for fines, permits, fees, or any other necessary payments, be, and the same is hereby established.
- Section 2. That said policy will help alleviate a possible hardship and interference with the efficient operation of City departments that take monetary payments.
- Section 3. That if a provision of this ordinance is or becomes illegal, invalid or unenforceable, that shall not affect the validity or enforceability of any other provision of this ordinance.
- Section 4. That this ordinance shall take effect and be in force from and after the earliest period allowed by law.

North Canton, OH  
Passed:

\_\_\_\_\_  
MAYOR

SIGNED: \_\_\_\_\_, 2011

ATTEST:

\_\_\_\_\_  
CLERK OF COUNCIL



145 North Main St. · North Canton, OH 44720  
Phone: 330-499-8223 Fax: 330-305-0603

**CITY OF NORTH CANTON**  
**Michael J. Grimes**  
Director of Administration

**Legislation Request**

To: Jon Snyder, Council President  
Date: March 31, 2011  
Subject: Gasoline and Diesel Fuel Contracts

Please place the following legislative request on the Committee of the Whole agenda for Monday, April 4<sup>th</sup>, 2011 to authorize the Director of Administration to advertise and receive bids for the purchase of Gasoline and Diesel Fuel; and authorizing the Mayor, through the Board of Control, to enter into a contract for Gasoline and Diesel Fuel. Our current contracts expire May 31, 2011.

EMERGENCY REQUESTED     YES     NO

Respectfully,

Michael J. Grimes  
c: Director of Finance

**RECEIVED**

**MAR 31 2011**

**COUNCIL OFFICE  
NORTH CANTON, OHIO**

An ordinance authorizing the Director of Administration of the City of North Canton to advertise and receive bids; and for the Mayor of the City of North Canton to enter into a contract for the purchase of gasoline and diesel fuel for use by all city departments, for either a one (1) year or two (2) year period commencing June 1, 2011 and declaring the same to be an emergency.

BE IT ORDINANCE BY THE COUNCIL OF THE CITY OF NORTH CANTON, COUNTY OF STARK, STATE OF OHIO:

Section 1. That the Director of Administration of the City of North Canton, be, and is hereby authorized to advertise and receive bids according to specifications now on file in the office of the Director of Administration.

Section 2. That the Mayor of the City of North Canton, through the Board of Control, be, and is hereby authorized to enter into a contract for the purchase of gasoline and diesel fuel for use by all city departments, for either a one (1) year or two (2) year period commencing June 1, 2011.

Section 3. That the Director of Finance of the City of North Canton, be, and is hereby authorized to draw funds necessary for the payment of the above specified contract upon receipt of vouchers duly approved by the proper departmental authority from appropriations applicable thereto.

Section 4. That if a provision of this ordinance is or becomes illegal, invalid or unenforceable, that shall not affect the validity or enforceability of any other provision of this ordinance.

Section 5. That this ordinance is hereby declared to be an emergency measure necessary for the preservation of the health, safety and peace of the City of North Canton and further necessary to ensure the continued and efficient operation of all city departments; wherefore, provided it receives the affirmative **vote** of six (6) or more members of Council elected thereto, this ordinance shall take effect and be in full force immediately upon its adoption by Council and approval by the Mayor. Otherwise, it shall take effect and be in force from and after the earliest period allowed by law.

North Canton, OH  
Passed:

\_\_\_\_\_  
MAYOR

SIGNED: \_\_\_\_\_, 2011

ATTEST:

\_\_\_\_\_  
CLERK OF COUNCIL  
g:\2011 draft legislation\gasoline & diesel fuel contract.docx

END OF THE MONTH FOR THE CITY OF NORTH CANTON  
 FOR THE MONTH ENDING FEBRUARY 28, 2011

C/W: 4/4/11  
 Item 6d

	Beginning Month Balance	Month-to-date Actual Receipts	Month-to-date Withdrawals	Month-to-date Adjustments	Month-to-date Balance
10%B 10% BOND	0.00	0.00	0.00	0.00	0.00
B BOND	0.00	0.00	0.00	0.00	0.00
BC BANK CHARGES	0.00	0.00	0.00	0.00	0.00
CC COURT COSTS	0.00	3,534.00	3,534.00	0.00	0.00
COMP COMPUTER ACCOUNT	0.00	311.00	311.00	0.00	0.00
CTCOP CERTIFIED COURT COPY	0.00	0.00	0.00	0.00	0.00
EXP CITY EXPUNGEMENT ACCT	0.00	0.00	0.00	0.00	0.00
EXPS EXPUNGEMENT TO STATE	0.00	0.00	0.00	0.00	0.00
GR GENERAL REVENUE	0.00	0.00	1,266.00	1,266.00	0.00
INT MONTHLY BANK INTEREST	0.00	0.00	0.47	0.47	0.00
OF ORDNCE FINE	0.00	2,094.00	2,094.00	0.00	0.00
PF PARKING FINES	0.00	0.00	0.00	0.00	0.00
REL FEE FORFEITURE RELEASE FEE	255.00	0.00	0.00	0.00	255.00
SBD SEAT BELT DRIVER STATE FINE	0.00	30.00	30.00	0.00	0.00
SBP SEAT BELT PASSENGER STATE FINE	0.00	0.00	0.00	0.00	0.00
SC NSF SERVICE CHG	0.00	0.00	0.00	0.00	0.00
SF STATE FINE CHILD RESTRAINT	0.00	0.00	0.00	0.00	0.00
SUSP SUSPENCE ACCOUNT	0.00	0.00	0.00	0.00	0.00
VC VICTIM CRIME	0.00	567.00	567.00	0.00	0.00
<b>GRAND TOTALS</b>	<b>\$ 255.00</b>	<b>\$ 6,536.00</b>	<b>\$ 7,802.47</b>	<b>\$ 1,266.47</b>	<b>\$ 255.00</b>

**RECEIVED**

**MAR 31 2011**

**COUNCIL OFFICE  
 NORTH CANTON, OHIO**

Bank.	Account Description.....	Beg-Mo-Bal..	Mtd-Receipts	Mtd-Withdr..	Mtd-Adjust..	Balance.....
CS	IDSF      Indigent Defense Support Fund	0.00	1266.00	1266.00	0.00	0.00
***		0.00	1266.00	1266.00	0.00	0.00
***		0.00	1266.00	1266.00	0.00	0.00

# FIRSTMERIT<sup>®</sup>

Bank

FirstMerit Bank, N.A.  
295 FirstMerit Circle  
Akron Ohio 44307-2359

MAYOR CITY OF NORTH CANTON  
145 N MAIN ST  
N CANTON OH 44720-2501

Statement Period  
Feb 1, 2011 to  
Feb 28, 2011  
Primary Account  
20 3079 3107

Questions?  
330-996-6000 (in Akron)  
1-888-554-4362 (toll-free)

0

74066 - 33

## Summary of Accounts

### Deposit Accounts

INTEREST CHECKING	20,187.41
<b>Total Deposit Accounts</b>	<b>20,187.41</b>

**INTEREST CHECKING**  
**20 3079 3107**

MAYOR CITY OF NORTH CANTON

### Account Summary

Beginning Balance as of Feb 1, 2011	9,004.94
3 Deposits and Credits	11,182.00
Interest Paid	0.47
Ending Balance as of Feb 28, 2011	20,187.41

### Other Transactions

Date	Description	Withdrawals	Deposits
Feb 4	DEPOSIT		2,750.00
Feb 14	DEPOSIT		4,093.00
Feb 28	DEPOSIT		4,339.00
Feb 28	Interest Paid		.47

### Daily Balance Information

Date	Balance	Date	Balance	Date	Balance
Jan 31	9,004.94	Feb 14	15,847.94	Feb 28	20,187.41
Feb 4	11,754.94				

### Interest Detail

Interest Paid Year-to-Date	0.73	Annual Percentage Yield Earned	0.05%
Interest Paid this Period	0.47	Days in this Period	28
Interest Earned this Period	0.47		

~~KEVIN L. BOYCE~~  
 Treasurer of State  
 P O Box 665  
 Columbus, OH 43216-0665

REPARATIONS ROTARY REPORTING FOR COURTS

TOS ACCOUNT NUMBER (REQUIRED)		7654	
COURT NAME AND ADDRESS		City of North Canton 145 N Main St N Canton 44720	
REPORTING PERIOD		Month 2	Year 2011
1. Victims of Crime - ORC 2743.70		\$ 567.00	
2. ADDITIONAL COSTS/FINES - ORC 2949.091, 4511.19, 120.08, 2949.094 (A), 4503.235 (B), 5502.67, 5502.68			
a. General Revenue Fund		\$	
b. Indigent Drivers Alcohol Treatment Fund -		\$	
c. Indigent Defense Support Fund -		\$ 1266.00	
d. Drug Law Enforcement/Justice Program Services -		\$ 630.00	
3. State Highway Patrol - ORC 5503.04		\$	
4. Liquor Control Fines - ORC 4301.57		\$	
5. Expungements - ORC 2953.1 - 2953.36		\$	
6. Child Safety Restraint - ORC 4511.99		\$	
7. State Highway Safety Fund - ORC 4510.13 (A) (9)		\$	
8. Legal Aid Society Fund - ORC 1901.26, 1907.24, 2303.201 (less 1% admin costs)			
# of Small Claims Cases @ \$11			
# of Civil Cases @ \$26			
# of no fee cases			
# of cases moving from Small Claims to Civil @ \$15			
Legal Aid Society Fund Total		\$	
9. Child Abuse Prevention Fees - ORC 3109.13 - .18 (less 3% admin costs)		\$	
Family Violence Prevention Fees - ORC 3705.242 (less 3% admin costs)		\$	
Penalty (if applicable)		\$	
# of Dissolutions	# of Divorces	# of Birth Certificates	# of Death Certificates
10. Seat Belt Fines - ORC 4513.263		\$ 30.00	
# of Driver Tickets 1		# of Passenger Tickets	
11. Ohio Putative Fathers Registry (OPFR) - ORC 3107.062		\$	
TOTAL AMOUNT REMITTED		\$ 2493.00	

Name/Title T. Dolan, Clerk Phone # 330.499.5081

**YOU CAN ALSO REMIT FORM AND PAYMENT ON OUR WEBSITE**  
<http://payments.tos.ohio.gov>

Bank.	Account	Description.....	Beg-Mo-Bal..	Mtd-Receipts	Mtd-Withdr..	Mtd-Adjust..	Balance.....
CS	10%B	10% BOND	0.00	0.00	0.00	0.00	0.00
CS	B	BOND	0.00	0.00	0.00	0.00	0.00
CS	BC	BANK CHARGES	0.00	0.00	0.00	0.00	0.00
CS	CC	COURT COSTS	0.00	3534.00	0.00	0.00	3534.00
CS	COMP	COMPUTER ACCOUNT	0.00	311.00	0.00	0.00	311.00
CS	CTCOP	CERTIFIED COURT COPY	0.00	0.00	0.00	0.00	0.00
CS	EXP	CITY EXPUNGEMENT ACCT	0.00	0.00	0.00	0.00	0.00
CS	EXPS	EXPUNGEMENT TO STATE	0.00	0.00	0.00	0.00	0.00
CS	GR	GENERAL REVENUE	0.00	0.00	0.00	0.00	0.00
CS	IDSF	Indigent Defense Support Fund	0.00	1266.00	0.00	0.00	1266.00
CS	INT	MONTHLY BANK INTEREST	0.00	0.00	0.00	0.47	0.47
CS	MVCC	MOVING VIOLATION COURT COST	0.00	630.00	0.00	0.00	630.00
CS	OF	ORDNCE FINE	0.00	2094.00	0.00	0.00	2094.00
CS	OP	OVERPAYMENTS	0.00	0.00	0.00	0.00	0.00
CS	PF	PARKING FINES	0.00	0.00	0.00	0.00	0.00
CS	RELFEF	FORFEITURE RELEASE FEE	255.00	0.00	0.00	0.00	255.00
CS	SBD	SEAT BELT DRIVER STATE FINE	0.00	30.00	0.00	0.00	30.00
CS	SBP	SEAT BELT PASSENGER STATE FINE	0.00	0.00	0.00	0.00	0.00
CS	SC	NSF SERVICE CHG	0.00	0.00	0.00	0.00	0.00
CS	SF	STATE FINE CHILD RESTRAINT	0.00	0.00	0.00	0.00	0.00
CS	SUSP	SUSPENCE ACCOUNT	0.00	0.00	0.00	0.00	0.00
CS	VC	VICTIM CRIME	0.00	567.00	0.00	0.00	567.00
***			255.00	8432.00	0.00	0.47	8687.47
***			255.00	8432.00	0.00	0.47	8687.47

MAYOR/CITY OF NORTH CANTON

CITY HALL, 145 N. MAIN ST.  
NORTH CANTON, OH 44720

1894

DATE 3.30.11

56-55/412  
29220

PAY TO THE ORDER OF

City of North Canton

\$ 5939.47/100

Five thousand nine hundred thirty nine dollars <sup>47</sup>/<sub>100</sub>

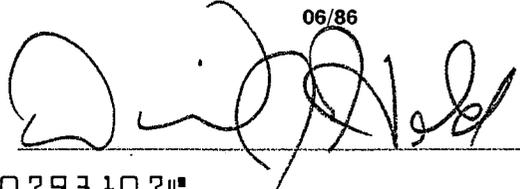
DOLLARS

Security features are included. Details on back.

FIRSTMERIT North Canton Office

www.firstmerit.com

FOR CC3534 comp 311 of 2094 int. 47

06/86  


⑈001894⑈ ⑆041200555⑆ ⑈2030793107⑈

MAYOR/CITY OF NORTH CANTON

CITY HALL, 145 N. MAIN ST.  
NORTH CANTON, OH 44720

1895

DATE 3.30.11

56-55/412  
29220

PAY TO THE ORDER OF

Treasurer State of Ohio

\$ 2493.00/100

Two thousand four hundred ninety three dollars <sup>00</sup>/<sub>100</sub>

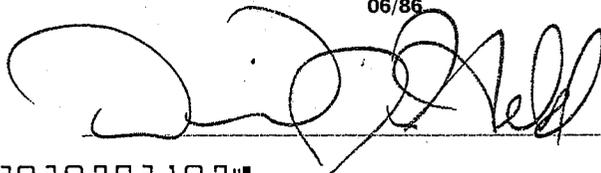
DOLLARS

Security features are included. Details on back.

FIRSTMERIT North Canton Office

www.firstmerit.com

FOR 1266 SBD 30 VC 507 MUCC630  
105F

06/86  


⑈001895⑈ ⑆041200555⑆ ⑈2030793107⑈