

CITY OF HAYSVILLE

Agenda

July 25, 2011

CALL TO ORDER

ROLL CALL

INVOCATION BY: Pastor Erin David, River of Life Church

PLEDGE OF ALLEGIANCE

SPECIAL ORDER OF BUSINESS

PRESENTATION AND APPROVAL OF MINUTES

- A. Minutes of July, 11, 2011

ITEM #1 CITIZENS TO BE HEARD

ITEM #2 APPROVAL OF LICENSES AND BONDS

- A. VFW Post 6957, 7507 S. Broadway Re: Private Club Transfer

ITEM #3 INTRODUCTION OF ORDINANCES AND RESOLUTIONS

- A. AN ORDINANCE CONCERNING THE AMENDMENT OF CHAPTER 3, SECTIONS 3-301, 3-304, 3-307, 3-407, 3-411, AND 3-415 AND CHAPTER 17, SECTIONS 17-313, 17-328, 17-364, AND 17-371 OF THE CITY CODE OF HAYSVILLE, KANSAS, IN CONNECTION WITH ESTABLISHING A BIENNIAL FEE SCHEDULE FOR ALCOHOLIC BEVERAGE LICENSING, ALL WITHIN THE CITY OF HAYSVILLE, SEDGWICK COUNTY, KANSAS

ITEM #4 NOTICES AND COMMUNICATIONS

- A. Governing Body Announcements

ITEM #5 EXECUTIVE SESSION

- A. Executive Session for Attorney/Client Privilege Not to Exceed 20 Minutes

ITEM #6 OTHER BUSINESS

- A. Presentation of Concrete vs. Asphalt

- B. Approval of Publication of Notice of Hearing 2012 Budget

ITEM #7 OLD BUSINESS

- A. Consideration of Bids for the Paving of Broadway Court

ITEM #8 DEPARTMENT REPORTS

- A. City Clerk – Janie Cox
- B. Governmental Services – Carol Neugent
- C. Police – Jeff Whitfield
- D. Public Works – Randy Dorner
- E. Recreation – Georgie Carter

ITEM #9 APPOINTMENTS

ITEM #10 OFF AGENDA CITIZENS TO BE HEARD

ITEM #11 BILLS TO BE PAID

- A. Bills to be Paid for the Last half of July

ITEM #12 CONSENT AGENDA

ITEM #13 COUNCIL ITEMS

- A. Council Action Request Update
- B. Council Concerns Update
- C. New Council Concerns

ITEM #14 ADJOURNMENT

The Regular Council Meeting was called to order by President of Council Mike Kanaga at 7:01 p.m. in the Haysville Municipal Building, 200 West Grand Avenue. Mayor Ken Hampton was absent.

President of Council Mike Kanaga advised he would be voting on agenda items.

Roll was taken by Recording Secretary Jessica Chilcote: Conrady here, Slocum here, Ewert here, Kanaga here, Kessler here, Rardin here, Konkel here and Pierce here.

Invocation was given by Pastor Dennis Miller, River of Life Worship Center.

President of Council Mike Kanaga led everyone present in the Pledge of Allegiance.

There was no Special Order of Business.

Under Presentation and Approval of Minutes, President of Council presented for approval The Minutes of June 27, 2011.

Motion by Konkel- Second by Ewert

Mr. Mayor, if there is no questions, I move that we approve the minutes from the June 27, 2011 Council meeting.

Conrady abstain, Slocum yea, Ewert yea, Kanaga yea, Kessler yea, Rardin yea, Konkel yea, Pierce yea.

Motion declared carried

There were no citizens to be heard.

There were no Licenses or Bonds.

President of Council Mike Kanaga introduced AN ORDINANCE CONCERNING THE AMENDMENT OF CHAPTER 1, ARTICLE 6, OF THE CITY CODE OF HAYSVILLE, KANSAS, IN CONNECTION WITH CREATION OF A CITY PARKS AND COMMUNITY FORESTRY BOARD, AND REPEALLING THE TREE BOARD, ALL WITHIN THE CITY OF HAYSVILLE, SEDGWICK COUNTY, KANSAS.

President of Council Mike Kanaga explained the ordinance was combining the Park Board with the Tree Board.

Motion by Slocum- Second by Rardin

If there is no other discussion, I move to approve AN ORDINANCE CONCERNING THE AMENDMENT OF CHAPTER 1, ARTICLE 6, OF THE CITY CODE OF HAYSVILLE, KANSAS, IN CONNECTION WITH CREATION OF A CITY PARKS AND COMMUNITY FORESTRY BOARD, AND REPEALLING THE TREE BOARD, ALL WITHIN THE CITY OF HAYSVILLE, SEDGWICK COUNTY, KANSAS.

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Councilperson Keith Pierce asked if Councilperson Russ Kessler would be the Chairperson of both boards. President of Council Mike Kanaga stated, if approved, Kessler would be chairperson of one board, since the boards were being combined.

Conrady yea, Slocum yea, Ewert yea, Kanaga yea, Kessler yea, Rardin yea, Konkel yea, Pierce yea.

Motion declared carried.

Under Notices and Communications, President of Council Mike Kanaga asked for Governing Body Announcements.

Councilperson Pat Ewert announced the Senior Breakfast would be held on July 23<sup>rd</sup>.

President of Council Mike Kanaga reminded everyone about the Budget Workshop that would be held on July 21<sup>st</sup> at 7:00 p.m. downstairs in City Hall. Kanaga stated the workshop would also be broadcast.

President of Council Mike Kanaga advised the City had received a letter from Cox Communications about channel name changes.

Under Other Business, President of Council Mike Kanaga presented a Consideration of Bids for Willow Lane Street Improvements.

Public Works Director Randy Dorner advised the City had sent out for bids on Willow Lane, going from Mimosa to Basswood, including an apron. Dorner stated there were three options on the bids including, asphalt, poured concrete, and roller compacted concrete. Dorner stated the bids were pretty close and competitive and he asked approval of the bid from Andale Ready Mix in the amount of \$115,049.75. Councilperson Russ Kessler asked if Andale Ready Mix had used the roller compacted concrete before. Dorner stated they had quite a bit of history with it and he has checked some of their work in Maize. Councilperson Bob Rardin asked how many of the companies that bid have used roller compacted concrete. Dorner stated Andale has the most experience with it. Dorner advised that Kansas Paving was doing a test strip for Broadway Court.

Motion by Konkel- Second by Pierce

I would make the motion that we approve option three with Andale Ready Mix for \$115,049.75 for the Willow Lane Street Improvements.

Conrady yea, Slocum yea, Ewert yea, Kanaga yea, Kessler yea, Rardin yea, Konkel yea, Pierce yea.

Motion declared carried.

President of Council Mike Kanaga presented a Consideration of Contract with PEC for Riggs Park Spillway.

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City Engineer Joe Hickle advised the contract was with Professional Engineering Consultants for the design to replace the spillway at Riggs Park. Hickle explained the existing spillway was failing and needed to be replaced. Hickle stated the contract was for a lump sum design fee of \$8,000.00.

Motion by Konkel- Second by Ewert

If there is no questions, I move that we approve the contract with PEC for the Riggs Park spillway.

Conrady yea, Slocum yea, Ewert yea, Kanaga yea, Kessler yea, Rardin yea, Konkel yea, Pierce yea.

Motion declared carried.

There was no Old Business.

President of Council Mike Kanaga asked for Department Reports.

Comptroller Will Black had nothing to report.

Director of Governmental Services Carol Neugent had nothing to report.

Chief of Police Jeff Whitfield had nothing to report.

Public Works Director Randy Dorner presented some project updates. Dorner stated the test strip for Broadway Court would be poured on July 13<sup>th</sup> and if everything passed they would start on Broadway Court. Dorner also stated after the approval of Willow Lane improvements it would take about two weeks for the paperwork to get started, and a schedule would follow. Dorner advised because of the warm weather the pond at River Forest had dried out and crews had been out working. Dorner stated Mead Drive was completed and the hotel contractor was now working on their second story and their time frame of opening in October or November would be pretty close. Dorner advised Southern Star would be doing a visual test on the central gas pipeline that runs down Main Street, so they would be digging a hole by the bridge on Seneca and another hole behind the Shamrock gas station. Councilperson Bob Rardin asked where Kansas Paving would be doing the test strip. Dorner advised they would be doing it at their yard in case of failure. Councilperson Mike Conrady asked if there was a time difference between pouring regular concrete and the roller compacted concrete. Dorner stated regular concrete takes 7-10 days to set up, whereas roller compacted sets up in 3-5 days.

Recreation Director Georgie Carter announced the Activity Center had started taking Latchkey enrollments for the 2011-2012 school year, and enrollment forms are available at the Haysville Activity Center as well as the City web page. Carter also stated they would have half day Playhouse program for kindergarten that would start enrollment on July 12<sup>th</sup>. Carter advised they would only offer the half-day program in the p.m. for those students enrolled in a.m. kindergarten.

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Under Appointments, President of Council Mike Kanaga advised Mayor Ken Hampton had submitted a list of nominees he would like to have appointed to the Park/Forestry Board.

President of Council Mike Kanaga presented Russ Kessler, 751 S. Windrose St. Re: Chairperson of Park/Forestry Board.

Motion by Ewert- Second by Slocum

I'll make a motion that we let the mayor appoint Russ Kessler as the chairperson of the Park/Forestry Board.

Conrady yea, Slocum yea, Ewert yea, Kanaga yea, Kessler yea, Rardin yea, Konkel yea, Pierce yea.

Motion declared carried.

President of Council Mike Kanaga presented Kelly Sullivan, 556 Caleb and Tom Coleman, 149 Wayne Re: Two Year Terms to Park/Forestry Board as well as Luetta Yoder, 141 Wayne and Ken Bell 138 Ranger Re: One Year Terms to Park/Forestry Board.

Motion by Ewert- Second by Kessler

I'd like to make a motion that we let the Mayor appoint Kelly Sullivan for a two year term and Tom Coleman for a two year term, Luetta Yoder for a one year term and Ken Bell for a one year term to the Forestry Board.

Conrady yea, Slocum yea, Ewert yea, Kanaga yea, Kessler yea, Rardin yea, Konkel yea, Pierce yea.

Motion declared carried.

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There was no Off Agenda Citizens To Be Heard.

There was no Executive Session.

President of Council Mike Kanaga presented the Bills to be Paid for the First Half of July.

Motion by Ewert- Second by Slocum

Yes, I would like to make a motion that we go ahead and pay the first half of July bills.

Conrady yea, Slocum yea, Ewert yea, Kanaga yea, Kessler yea, Rardin yea, Konkel yea, Pierce yea.

Motion declared carried.

There was nothing on the Consent Agenda.

Under Council Items President of Council Mike Kanaga asked for comments or new Council concerns.

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There were no Council Action Request Updates.

Under Council Concerns, Councilperson Bob Rardin stated he did not have any concerns, but wanted to announce Haysville Pride's Pool Day and asked Recreation Director Georgie Carter about the date. Carter stated she believed it was July 23<sup>rd</sup>. Rardin stated he wanted to remind everyone it was a free day to swim.

Councilperson Seth Konkol asked what the process was for receiving the budget before the Budget Workshop. Director of Governmental Services Carol Neugent stated the budget would be emailed to them the Friday before the workshop.

President of Council Mike Kanaga advised he wanted to thank Council and City staff for their patience with him.

President of Council Mike Kanaga presented for approval Adjournment.

Motion by Pierce- Second by Ewert

Mr. President and Council, I move that we adjourn tonight's meeting.

Conrady yea, Slocum yea, Ewert yea, Kanaga yea, Kessler yea, Rardin yea, Konkol yea, Pierce yea.

Motion declared carried.

The Regular Council Meeting adjourned at 7:21 p.m.

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Janie Cox, City Clerk

# MEMORANDUM

TO: Mayor Ken Hampton; City Council  
FROM: Misti Elliott  
DATE: July 20, 2011  
RE: Private Club Transfer – Keever-Wire VFW

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Keever-Wire VFW Post 6957 have met the requirements to transfer the private club license to 7507 S. Broadway. Approval is recommended.

Sincerely,

Misti Elliott  
Administrative Secretary

ORDINANCE NO: \_\_\_\_\_

AN ORDINANCE CONCERNING THE AMENDMENT OF CHAPTER 3, SECTIONS 3-301, 3-304, 3-307, 3-407, 3-411, AND 3-415, AND CHAPTER 17, SECTIONS 17-313, 17-328, 17-364, AND 17-371 OF THE CITY CODE OF HAYSVILLE, KANSAS, IN CONNECTION WITH ESTABLISHING A BIENNIAL FEE SCHEDULE FOR ALCOHOLIC BEVERAGE LICENSING, ALL WITHIN THE CITY OF HAYSVILLE, SEDGWICK COUNTY, KANSAS.

BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF HAYSVILLE, KANSAS:

SECTION 1: Amending Chapter 3 of the Haysville Code as follows:

- 3-301. OCCUPATION TAX. There is hereby levied a biennial occupation tax on each retailer of alcoholic liquor (including beer containing more than three and two tenths percent (3.2%) of alcohol by weight for consumption off of the premises (sales in the original package only) as set out in Chapter 17, in the city who has a retailer's license issued by the State Director of Alcoholic Beverage Control.
- 3-304. OCCUPATION TAX; PENALTY; GENERAL PENALTY PROVISION. Any person, co-partnership, association or other entity having a state license to sell retail alcoholic liquor by the package who shall fail to pay the occupation tax herein levied within the time prescribed or who shall violate any other provisions of this article shall upon conviction be fined not more than one-hundred dollars (\$100) for each day's violation. Nothing herein shall be construed to prohibit the city from collecting the occupation tax by any procedure authorized by law.
- 3-307. RESERVED
- 3-407. SAME, LICENSE FEE. (a) There is hereby levied a biennial license fee on each drinking establishment located in the city that has a drinking establishment license issued by the State Director of Alcoholic Beverage Control as set out in the Chapter 17.
- (b) All applications for new or renewal city licenses shall be submitted to the city clerk. Upon presentation of a state license or within five (5) days of the effective date of the state license, payment of the city license fee and the license application, the city clerk shall issue a city license for the period covered by the state license, if there are no conflicts with any zoning or alcoholic beverage ordinances of the city. An additional fee as set out in

Chapter 17 will be assessed if more than five (5) days have lapsed after the effective date of the state license.

(c) The license period shall extend for the period covered by the state license. No license fee shall be refunded for any reason.

(d) Every licensee shall cause the city drinking establishment license to be placed in plain view next to or below the state license in a conspicuous place on the licensed premises.

3-411. SAME, LICENSE FEE. (a) There is hereby levied a biennial license fee on each private club located in the city that has a private club license issued by the state director of alcoholic beverage control, which fee shall be paid before business is begun under an original state license and within five (5) days after any renewal of a state license. The fee shall be as set out in Chapter 17.

(b) All applications for new or renewal city licenses shall be submitted to the city clerk. Upon presentation of a state license, payment of the city license fee and the license application, the city clerk shall issue a city license for the period covered by the state license, if there are no conflicts with any zoning or alcoholic beverage ordinances of the city. An additional fee as set out in Chapter 17 will be assessed if more than five (5) days have lapsed after the effective date of the state license.

(c) The license period shall extend for the period covered by the state license. No license fee shall be refunded for any reason.

(d) Every licensee shall cause the city club license to be placed in plain view next to or below the state license in a conspicuous place on the licensed premises.

3-415. SAME, LICENSE. (a) There is hereby levied a biennial license fee as set out in Chapter 17, on each caterer doing business in the city who has a caterer's license issued by the State Director of Alcoholic Beverage Control, which fee shall be paid before business is begun under an original license and within five (5) days after any renewal of a state license.

(b) All applications for new or renewal city licenses shall be submitted to the city clerk. Upon presentation of a state license, payment of the city license fee and the license application, the city clerk shall issue a city license for the period covered by the state license, if there are no conflicts with any zoning or alcoholic beverage ordinances of the city.

(c) The license period shall extend for the period covered by the state license. No license fee shall be refunded for any reason.

(d) Every licensee shall cause the caterer license to be placed in plain view on any premises within the city where the caterer is serving or mixing alcoholic liquor for consumption on the premises.

SECTION 2: Amending Chapter 17 of the Haysville Code as follows:

- 17-313. CATERERS SELLING OR SERVING ALCOHOLIC LIQUOR. The biennial fee required by section 3-415 of this code to be paid to the city clerk by each applicant for a caterer's license authorizing said applicant to sell or serve alcoholic liquor by the drink (including beer containing more than three and two-tenths percent [3.2 percent] of alcohol by weight) shall be five hundred dollars (\$500.00).
- 17-328. DRINKING ESTABLISHMENTS. Each drinking establishment located in the city and operating pursuant to a drinking establishment license issued by the state of Kansas and the provisions of this code regulating such establishments shall pay to the city a biennial license fee of five hundred dollars (\$500.00) pursuant to section 3-407. The city license shall run concurrently with the state drinking establishment license and must be obtained within five (5) days of issuance of the state license. If more than five (5) days elapse before purchase of the city license, a penalty of fifty dollars (\$50.00) is hereby established.
- 17-364. PRIVATE CLUBS. The biennial license fee to be paid to the city by each private club located within the city pursuant to section 3-411 of this code shall be five hundred dollars (\$500.00). Said fee shall be paid before commencing business under an originally-issued state license, and within five (5) days after the effective renewal date of any subsequently granted state license.
- 17-371. RETAIL LIQUOR OCCUPATION/LICENSE TAX. There is hereby levied, pursuant to section 3-301, a biennial occupation tax on each retailer of alcoholic liquor within the city (including beer containing more than three and two-tenths percent [3.2 percent] of alcohol by weight) and for consumption off the premises (sales in the original packages only), and to whom the state of Kansas has issued a retailer's license, of five hundred dollars (\$500.00) payable within five (5) days of the issuance of the state license.

SECTION 3: Effective Date.

This Ordinance shall take effect and be in force from and after its publication in the official city newspaper.

Passed by the City Council this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

Approved by the Mayor this \_\_\_\_\_ day of \_\_\_\_\_, 2011.

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MAYOR KEN HAMPTON

ATTEST:

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CITY CLERK JANIE COX

SEAL

# Concrete v Asphalt Basics

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July 25, 2011

## CONCRETE

- Low maintenance over life span of the product
- Rut resistant
- Better skid resistance
- Radiates less heat back into the air, creating a cooler neighborhood
- Can be colored and textured to enhance appearance
- Reported average before **major** repair is 27 years
- Higher initial cost/lower maintenance cost
- Able to be recycled
- Is created from recycled materials
- Reflectivity of concrete means less light is needed to illuminate areas at night
- Reduction in energy required for maintenance and repairs
- Concrete is manufactured locally
- Concrete needs rehabilitation in 12-16 year increments; replacement at 30-40 years

## ASPHALT

- Potentially faster construction time
- Absorbs heat to resist ice formation
- Potentially smoother and quieter surface
- Reported average before **major** repair is 17 years
- Lower initial cost/higher maintenance cost
- Increased labor cost with increased maintenance
- Creates ruts and potholes
- Asphalt needs maintenance every 2-4 years; resurfacing every 8-14 years.

# Life-Cycle Cost Comparison of Asphalt and Concrete Pavements on Low-Volume Roads

## Case Study Comparisons

Rebecca A. Embacher and Mark B. Snyder

The costs of pavement construction, maintenance, and rehabilitation are primary factors considered by most local agencies in the selection of pavement type [hot-mix asphalt concrete (HMAC) or portland cement concrete (PCC)] for new construction. The optimal use of agency funds for any given project can be determined only through an economic analysis of all associated agency costs and the performance of the pavement. Life-cycle cost analyses were performed on HMAC and PCC highway pavements in Olmsted and Waseca Counties, Minnesota. The Means Heavy Construction Historical Cost Index and the Minnesota Department of Transportation Surfacing Indices were used to convert all expenditures over time into equivalent constant-dollar values. Direct comparisons were made on roadway sections with similar traffic volumes, ages, and environmental conditions. For Olmsted County, the favored pavement type depended somewhat on the cost index values that were used in the analysis; however, index selection had no effect on the outcome for the Waseca County comparisons. When the results were normalized for traffic volumes (i.e., cost per lane mile per million vehicles carried), PCC pavements were clearly more cost-effective in all Olmsted County cases and all but one Waseca County case, regardless of the cost index value used. PCC pavements generally incurred significantly lower maintenance and rehabilitation costs than HMAC roadways in both counties.

The costs of pavement construction, maintenance, and rehabilitation are primary factors considered by most local governmental agencies in the selection of pavement type [hot-mix asphalt concrete (HMAC) or portland cement concrete (PCC)] for new construction. Initial cost of construction is clearly an important and sometimes overriding consideration in pavement type selection. However, the optimal use of agency funds for any given project can be determined only through an economic analysis of all associated agency costs and the performance of the pavement.

Unfortunately, the costs of pavement maintenance and rehabilitation are often difficult to determine because of the use of local agency work crews rather than outside contracts. Furthermore, the performance of local agency pavements is not routinely monitored in an objective manner. Thus, historically, it has been difficult to obtain valid comparisons of the complete costs and performances associated with HMAC and PCC pavements constructed to serve similar traffic flows in comparable environments. As a result, pave-

ment types for local roads have been selected based on initial costs alone, anecdotal evidence, or other subjective criteria.

There is a need to perform case studies of pavements constructed by local road agencies to provide objective assessments of the true agency costs of constructing, maintaining, and rehabilitating typical HMAC and PCC local highway pavements. Only by documenting the actual costs of constructing and maintaining different types of pavement structures over their performance lives can highway agency engineers make well-informed decisions concerning pavement type selection.

### OBJECTIVE AND BENEFITS

The objective of this research study was to perform and document comparisons of the agency costs associated with HMAC and PCC pavements constructed and maintained by local highway and road agencies (i.e., township, city, and county highway departments) in Minnesota.

The case studies performed under this study provide objective assessments of the true agency costs of constructing, maintaining, and rehabilitating typical HMAC and PCC local highway pavements in Minnesota. This information will be of great use to highway agency engineers in making well-informed pavement type selection decisions in a manner that improves the use of agency funds and increases the service life and overall performance of the highway pavement network.

### DATA ACQUISITION AND REDUCTION

#### Study Project Selection Criteria

The following project selection criteria were established to ensure that subsequent comparisons of project performance and economics would be valid.

- The initial cost of construction and a complete history of maintenance and rehabilitation activities must be available for all selected study projects.
- Selected pairs of study projects must have been constructed at approximately the same time (within 1 or 2 years) and intended to serve comparable volumes and types of traffic.
- Selected pairs of study projects must have been constructed in similar climates over similar roadbed soils.
- Projects selected for comparison should have been in service for at least 10 years.

## Selection and Description of Study Projects

The Olmsted and Waseca County (Minnesota) Highway Departments were selected as the first and second sources of data, respectively, for this study because of their reputations for maintaining detailed records of pavement costs and of pavement maintenance and rehabilitation activities, their use of both HMA and PCC pavements, and their expressed willingness to participate in this project.

The project team met with the staffs of the Olmsted and Waseca County Highway Departments during the falls of 1998 and 1999, respectively. During these meetings, County State Aid Highways (CSAHs) that met the selection criteria described above were identified. Tables 1 and 2 list the roadways identified for consideration in Olmsted and Waseca Counties, respectively.

The CSAHs were subdivided into project study sections with relatively uniform properties with respect to

- Pavement type,
- Time since construction,
- Geometry,
- Structural characteristics,
- Present condition, and
- Traffic characteristics.

These project study sections (also called uniform sections) were created to facilitate comparisons of project cost and performance data.

Tables 1 and 2 list the uniform pavement sections that were identified and selected by the project team and provide details concerning the section length, actual or projected life, surface type, major rehabilitation activities, and traffic volumes for each section. Twenty-eight uniform sections from Olmsted County and 35 uniform sections from Waseca County were considered in the final project analyses.

## Initial Construction Costs

Initial construction cost data were found on contract vouchers. State aid project (SAP) numbers were used to differentiate between different construction projects. The vouchers also included project locations and boundaries, descriptions of the work performed (e.g., grading, base, or surface construction), comments, and itemized lists of expenses (i.e., descriptions, unit prices, quantities, and total costs for each pay item). Care was taken to ensure that the quantities and total costs collected were “certified to date,” not the bid quantities and costs. It also was important to identify and collect cost and quantity data from the final contract voucher.

TABLE 1 Study Project Uniform Section Descriptions (Olmsted County)

Section No./Uniform Section	Section Length (km)	Actual or Projected Life*	Surface Type	Major Rehabilitation	1-Way Traffic Volume (Million Vehicles)
CSAH 4					
1. CSAH 5 to CSAH 3S	3.4	1984-2011	AC	'98 OL	7.86
2. CSAH 3S to CSAH 3N	2.8	1984-2011	AC	'98 OL	11.53
3. CSAH 3N to 60 Ave. NW	1.2	1977-2009	PCC		11.59
4. 60 Ave. NW to 50 Ave. NW	2.2	1977-2009	PCC		14.46
5. 50 Ave. NW to CSAH 22	1.2	1977-2009	PCC		16.5
6. CSAH 22 to R/R Tracks	1.0	1977-2009	PCC		24.55
7. CR151 to 19 <sup>th</sup> St. NW	1.0	1972-2009	AC	'89	36
8. 19 <sup>th</sup> St. NW to 21 <sup>st</sup> Ave.	0.8	1972-2009	AC	'89	25.78
CSAH 5					
9. CSAH 3 to CSAH 16	12.9	1987-2012	PCC		5.22
10. CSAH 16 to CSAH 4	3.2	1983-2012	PCC		9.11
11. CSAH 4 to 23 St. NW	1.2	1983-2012	PCC		11.17
12. 23 St. NW to 13 St. NW	1.6	1983-2012	PCC		11.7
13. US14 to Frontier Road	0.8	1984-1999	AC		2.28
14. Frontier Road to CSAH 25	5.5	1984-1999	AC		1.24
CSAH 9					
15. 19 <sup>th</sup> Ave. SE to CSAH 22	1.6	1969-2009	AC	'88 OL	50.59
16. CSAH 22 to R/R Tracks	2.2	1969-2006	AC	'88 OL	19.31
17. R/R Tracks to CR119S	3.5	1967-2006	AC	'74 OL, '88 OL	13.96
18. CR119S to TH42	8.1	1974-2001	PCC		7.63
19. TH42 to CSAH 7S	1.6	1979-1993	AC		1.86
20. TH42 to CSAH 7S	1.6	1994-2024	PCC		8.78
21. CSAH 7S to CSAH 10	7.2	1994-2024	PCC		5.5
22. 0.5 Mi. E. CSAH 7S to CSAH 7N	2.4	1974-1993	AC		2.62
23. CSAH 7N to CR132	0.9	1974-1993	AC		2.22
24. CR132 to CSAH 10	3.2	1979-1993	AC		1.7
25. CSAH 10 to County Line	4.8	1979-1996	AC		1.7
26. CSAH 10 to County Line	4.8	1998-2028	PCC		6.24
CSAH 22					
27. US63 to CSAH 2	2.6	1989-2019	PCC		79.8
28. CSAH 2 to CSAH 9	3.1	1989-2019	PCC		79.83

NOTE: AC = hot-mix asphalt concrete; OL = overlay.

\*Pavement section life projections are estimates provided by the Olmsted County Highway Department.

TABLE 2 Study Project Uniform Section Descriptions (Waseca County)

Section No./Uniform Section	Section Length (km)	Actual or Projected Life*	Surface Type	Major Rehabilitation	1-Way Traffic Volume (Million Vehicles)
CSAH 1					
1. S. County Line - TH30	7.9	1977-2002	AC		1.3
CSAH 2					
2. W. County Line - CSAH 3	4.8	1983-1999	AC		2.53
3. CSAH 3 - CSAH 33	3.2	1976-2001	PCC		2.75
4. CSAH 33 - CSAH 17	3.6	1976-2001	PCC		2.82
5. CSAH 17 - 85th St.	2.0	1975-2001	PCC		3.26
6. 85th St. - CSAH 27	4.0	1975-2001	PCC		3.55
CSAH 3					
7. S. County Line - TH30	4.8	1974-2003	AC		3.14
8. N. Limits Waldorf - CSAH 4	1.2	1983-2002	AC		3.19
9. CSAH 4 - CSAH 9	8.1	1991-2026	PCC		13.47
10. CSAH 9 - CSAH 2	6.9	1985-2020	PCC		9.54
11. CSAH 2 - S. Limits Janesville	3.2	1983-2018	PCC		16.43
12. 412 Ave. - CSAH 5	6.0	1987-2022	PCC		13.88
CSAH 4					
13. CSAH 3 - CSAH 11	5.6	1981-2002	AC		1.76
14. CSAH 11 - CSAH 12	1.6	1981-2002	AC		1.75
15. CSAH 12 - CSAH 29	3.5	1981-2002	AC		1.92
16. CSAH 29 - 0.5 Mi. NE	0.8	1983-2002	AC		1.58
17. 0.5 Mi. NE CSAH 29 - CSAH 23	6.2	1983-2002	AC		1.68
18. East County Line	2.9	1977-2010	AC	'95 OL	2.96
CSAH 5					
19. CSAH 19 - CSAH 17	0.4	1992-2028	PCC		7.91
20. CSAH 17 - S. JCT. CSAH 35	4.2	1992-2028	PCC		8.31
CSAH 35					
21. N. JCT. CSAH 5 - 403 Ave.	7.0	1997-2012	AC		0.84
22. 403 Ave. - S. JCT. CSAH 5	2.0	1997-2012	AC		0.82
CSAH 8					
23. CSAH 12 - TH13	1.0	1992-2007	AC		0.52
CSAH 9					
24. W. County Line - CSAH 3	5.6	1990-2005	AC		1.5
25. CSAH 3 - 70 St.	5.6	1982-2010	AC	'95 OL	2.62
26. 70 St. - 75 St.	0.8	1981-2010	AC	'95 OL	2.66
27. 75 St. - CSAH 29	0.8	1970-2010	AC	'81 OL, '95 OL	3.35
28. CSAH 29 - CR75	0.6	1970-2010	AC	'95 OL	3.54
29. CR75 - CSAH 26	4.8	1970-2010	AC	'95 OL	3.34
CSAH 17					
30. US14 - 0.25 Mi. S. CSAH 5	2.2	1995- 2030	PCC		2.49
CSAH 19					
31. CSAH 3 - OLD CSAH 17	5.2	1992-2027	PCC		2.59
CSAH 20					
32. CR 56N - CR 56S	0.8	1971-2007	AC	'92 OL	2.29
33. CR 56S - E. County Line	4.7	1971-2007	AC	'92 OL	1.39
CR 57					
34. CSAH 27 - CR57N	1.6	1980-2015	PCC		3.79
35. CR57N - CSAH 4	1.6	1980-2015	PCC		7.6

\*Pavement section life projections are estimates provided by the Waseca County Highway Department.

For the purposes of this project, initial construction costs included only the costs associated with construction above the finished grade (i.e., costs associated with base and surfacing construction, and maintenance costs required during the life of the pavement to improve pavement serviceability or ride quality). This allowed direct comparisons of the costs associated with different projects without considering construction costs that are related more to site conditions than pavement type (e.g., varying amounts of cut and fill, debris removal, and so forth). Representative items that were specifically included in and excluded from the cost analyses in this study are listed in Table 3. Details of the included and excluded costs are provided in the project final reports (1, 2).

Overall construction costs were assigned to uniform sections proportionately by section length and number of lanes. Details concerning the estimation of construction costs and the distribution of those costs over the uniform sections are provided in the project final reports (1, 2).

**Overlay Costs**

Asphalt concrete overlay projects were generally contracted out and assigned SAP numbers. The costs associated with these activities were easily tracked and distributed over each section in the manner

TABLE 3 Cost Items Included in and Excluded from Cost Analysis

<b>Items Included in Cost Analysis</b>
<ul style="list-style-type: none"> <li>▪ <b>HMAC Surfacing</b> (bituminous material for prime/tack coat and mixture, wearing and leveling course mixture, deductions for paving changes/errors, striping)</li> </ul>
<ul style="list-style-type: none"> <li>▪ <b>Base Construction</b> (crushed rock base, aggregate base class 2 and/or 5, road-mixed bituminous surface [aggregate, bituminous material for prime/tack coat and mixture])</li> </ul>
<ul style="list-style-type: none"> <li>▪ <b>Bituminous Overlay</b> (pavement profiling, bituminous material for prime/tack coat and mixture, wearing and leveling course mixture, base course, adjustment of gage valve, adjustment of frame and ring castings, temporary lane marking, seal coat, sawing bituminous pavement, remove bituminous pavement, mill bituminous surface, bituminous material for fog seal, traffic control, ride/density incentive, deductions for paving changes/errors, striping, cold recycle-inplace bituminous mixture)</li> </ul>
<ul style="list-style-type: none"> <li>▪ <b>Maintenance Costs</b> (hand patching, blade patching, repair/crackfill, pavement markings, seal coating, mudjacking, repairing frost boils, repairing mud pockets)</li> </ul>
<ul style="list-style-type: none"> <li>▪ <b>PCC Surfacing</b> (concrete pavement standard width, expansion joint, dowel bars/dowel bar assemblies, concrete curing compound, ride/smoothness/water-cement ratio incentive, deductions for paving changes/errors, water-reducing agent, traffic control, "Extra Cement or Type III Cement," permanent terminal header, striping)</li> </ul>
<b>Select Items Excluded from Cost Analysis</b>
<ul style="list-style-type: none"> <li>▪ <b>Common Laborers</b> (Perform undocumented miscellaneous tasks)</li> </ul>
<ul style="list-style-type: none"> <li>▪ <b>Drainage Systems</b></li> </ul>
<ul style="list-style-type: none"> <li>▪ <b>Dust Treatments</b> (Influenced by variability of moisture during construction)</li> </ul>
<ul style="list-style-type: none"> <li>▪ <b>Easements</b></li> </ul>
<ul style="list-style-type: none"> <li>▪ <b>Engineering</b> (Costs influenced by complexity of project)</li> </ul>
<ul style="list-style-type: none"> <li>▪ <b>Motor Grader/Scraper/Dozer</b> (Used for shaping ditches and grading/excavation work)</li> </ul>
<ul style="list-style-type: none"> <li>▪ <b>Material Testing</b> (Dependent on site/project)</li> </ul>
<ul style="list-style-type: none"> <li>▪ <b>Shouldering Items</b> (Shouldering type is not dependent on pavement type)</li> </ul>
<ul style="list-style-type: none"> <li>▪ <b>Subgrade Preparation Items</b> (Costs related to site condition)</li> </ul>
<ul style="list-style-type: none"> <li>▪ <b>Approaches/Entrances</b> (Influenced by number of intersecting roadways with the uniform section)</li> </ul>

described for initial pavement construction costs. The costs associated with bituminous overlays that were included in the cost analysis are listed in Table 3.

### Maintenance Costs

Table 3 also presents a listing of the types of maintenance costs collected from each county. Details describing these activities, along with the costs per lane mile, are provided in the project final reports (1, 2).

#### *Olmsted County*

Olmsted County pavement maintenance records are kept in maintenance log books. These records go back to 1947 and consist primarily of maps that highlight or label the locations of maintenance activities; they present little cost or quantity information. Actual maintenance labor and equipment costs (along with some material costs) for 1991–1998 were found in accounting ledgers. These costs were used as the basis for estimating maintenance costs for the study.

#### *Waseca County*

Waseca County pavement maintenance records are kept in the Waseca County Annual Reports. These reports go back to the 1960s and consist primarily of maps that highlight or label the location of current and future maintenance activities. They also include a table containing total costs for routine maintenance, repairs and replace-

ments, betterments, and special work for each roadway; however, they present no quantity information. Actual maintenance labor and equipment costs (along with some material costs) for 1991–1999 were found in accounting ledgers. These costs were used as the basis for estimating maintenance costs for the study.

#### *Determining Material Costs*

When maintenance cost records included only labor costs, estimates of the cost of maintenance materials were based on the assumption that the cost of materials for a specific maintenance activity could be estimated as percentage of the cost of labor for that activity. Ratios of material costs to labor costs were computed for activities for which the material and labor costs were known. The Olmsted County staff provided estimates of the average material and labor costs for items such as hand patching, blade patching, filling and sealing cracks, and seal coating. Waseca County records were not sufficient to allow the county staff to provide estimates of the maintenance material costs, so these costs could not be included in the life-cycle cost analyses for Waseca County, which resulted in the use of lower estimated maintenance costs.

#### *Distributing Costs over Uniform Sections*

Whenever possible, maintenance costs were assigned to uniform sections in the manner described previously for initial construction costs (i.e., proportional to section length). However, maintenance activity locations were generally given broadly, and the exact locations of maintenance activities were often unknown. Olmsted and

Waseca County personnel assisted in determining the locations of the maintenance activities; the costs of maintenance activities before 1991 and after 1998–1999 were assumed to be evenly distributed over entire maintenance sections.

### Backcasting and Forecasting

Maintenance costs were forecasted through the end of the projected life of each pavement section. In some cases, it was also necessary to “backcast” maintenance costs to periods for which no records exist. Backcasting and forecasting of maintenance costs was performed using a graph that plotted average cumulative maintenance costs per lane mile (1998 dollars) versus the number of years since construction or last major rehabilitation activity (i.e., overlay).

The graph generated for Olmsted and Waseca County HMAC and PCC pavements, developed using 1991–1999 maintenance data, is illustrated in Figure 1. The development and use of this graph are described in the project final reports (1, 2). Figure 1 shows that the average cumulative maintenance costs for Waseca County’s HMAC and PCC pavements significantly exceed those incurred for similar pavement types in Olmsted County. Waseca County HMAC maintenance costs tended to increase earlier and at a faster rate than those of Olmsted County.

This significant difference can be attributed to the different maintenance practices in each county. Waseca County typically seal coats its HMAC pavements 1 or 2 years after construction and builds a minimal number of overlays, if any, on the roadways prior to complete reconstruction, thereby requiring more maintenance to keep the road functional. In addition, Waseca County repairs and “crackfills” its concrete roads more often than does Olmsted County, which is reflected in the difference in PCC maintenance costs.

### Cost Index Values

A key component of most economic analyses is the conversion of expenditures incurred at different times into equivalent constant-dollar values. The assumed “time value of money” can significantly affect the results of the analysis. For example, many economists use discount rates that adjust cash flows based on the difference between treasury bill interest rates and the rate of inflation. Numerous con-

sumer and industrial cost indices are also available and can be used in cost analyses.

The Means Heavy Construction Historical Cost Index was determined to be appropriate for use in this study. Index values were published for 1949–1998 (and for 1999, when the Waseca study was performed) and were estimated through 2028 using averages of index values for previous years (e.g., the 1988–1998 average was used for projections between 1998 and 2003, the 1983–1998 average was used for projections between 2003 and 2008, and so forth). Details concerning the use of the Means Heavy Construction Historical Cost Index are presented in the project final reports (1, 2).

Additional index values were obtained from the Minnesota Department of Transportation (DOT) cost estimating unit. Construction index values were divided into categories for three types of construction: excavation, structures, and surfacing. The Minnesota DOT Surfacing Indices were further subdivided into the Bituminous Surfacing Index and the Concrete Surfacing Index, which were available for 1967–1998 (and for 1999, when the Waseca County study was performed). Index values for years before 1967 were estimated using index value average trends for subsequent years [e.g., the 1962–1966 index values were based on the average of the first 10 years available (1968–1979), the 1957–1961 index values were based on the average of the first 15 years available (1968–1983), and so forth].

Large differences were sometimes observed between the values from the Means Heavy Construction Historical Cost Index and the Minnesota DOT Surfacing Indices, so each project was analyzed using two techniques. In the first, the Means Heavy Construction Historical Cost Index was used to adjust all cost items (i.e., maintenance, base construction, surfacing, overlays, and so forth). In the second, the Means Heavy Construction Historical Cost Index was used to adjust only maintenance and base construction costs, and the Minnesota DOT Surfacing Indices were used to adjust surfacing costs. Results obtained using both of these analyses are summarized in the project final reports (1, 2) and in this paper.

Traditional economic analyses often make use of a *discount rate*, which is defined as the difference between the investment (or interest) rate and the inflation rate. A typical value for the discount rate, based on 30-year averages of treasury bill returns and inflation, is approximately 3.5 percent. This value compares favorably with the average rates of increase of the Means Heavy Construction Historical Cost Index and Minnesota DOT Surfacing Indices used in this study (3.93 percent for the Olmsted County sections and 3.30 percent for the Waseca County sections) and suggests that the results of the analyses performed in this study probably would not change significantly if more traditional analysis techniques were used.

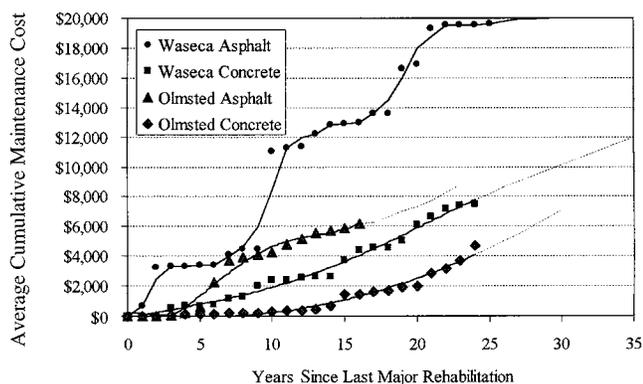


FIGURE 1 Effect of time on Olmsted and Waseca County cumulative maintenance costs per lane mile (in 1998 dollars).

### Traffic Data

Two-way average daily traffic (ADT) volume maps were available for Olmsted and Waseca County highways for 3- to 6-year intervals from 1936–1994 and 1969–1995, respectively. In addition, unpublished traffic count data were obtained from Minnesota DOT for Olmsted County (1998) and Waseca County (1999). These data were used to estimate the ADT for each uniform section, as described in the project final reports (1, 2).

Graphs of one-way ADT versus time were constructed for each uniform section. These graphs were used to project future traffic levels and to estimate accumulated traffic since construction or major rehabilitation. Accumulated traffic estimates were used to normalize pavement costs for traffic volume, as described later.

### Pavement Performance

Pavement quality indices (PQIs), a form of performance rating, were found for 1994, 1995, and 1997 for Olmsted County. These ratings were derived from a condition survey performed by Olmsted County technicians and engineers and are summarized in the project final report (1). Performance ratings could not be found for any Waseca County study sections.

Plots of PQI versus pavement age can be used to project pavement performance and to plan rehabilitation activities. They can also be used to normalize cost data with respect to pavement performance (e.g., to compute costs per unit of performance time). However, the PQI is a subjective rating that is not highly precise, and only three data points were available to establish a performance trend for Olmsted County uniform sections, so these data were not considered sufficient for performance projection or cost normalization. Waseca County has not collected performance data for any of their roadways, so performance trends could not be constructed for Waseca County uniform sections.

Minnesota DOT inspected the Olmsted County projects using a PavTech van in 1997. A copy of the results of this survey is included as an appendix to the final report (1). In addition, the project team visually assessed the current condition of each pavement section and estimated pavement ride quality during visits to the Olmsted County project sites in June 1999. The results of the project team assessments are presented in the project final report (1).

### DATA ANALYSES

#### Techniques

Many techniques are available for analyzing and comparing cost data: net present cost/worth, equivalent uniform annual cost/worth, rate of return, benefit-cost ratio, and others. When used properly, these techniques consistently rank alternate construction or rehabilitation options in the same order (or always identify the same option as being the most cost-effective). Some of these types of analyses are easily misused and can lead to incorrect conclusions. It can also be argued that public agencies incur only costs and do not derive an easily quantifiable benefit, which leaves a benefit-cost ratio analysis open to interpretation (or manipulation). These considerations are discussed at length in any number of papers and books and are not discussed further here [or in the final reports (1, 2)].

For the purposes and scope of this study, the project team determined that the most appropriate analyses were the net present cost (NPC) and equivalent uniform annual cost (EUAC) approaches.

#### Net Present Cost

The NPC approach converts all costs incurred over the project life into equivalent values of today's currency (1998, for this study) and then adds these "converted" or adjusted costs to produce a single cost for the option.

The Means Heavy Construction Historical Cost Index and the Minnesota DOT Surfacing Indices were used to convert costs into equivalent values of 1998 currency through the following expression:

$$\text{Year A Value of Cost Incurred in Year B} = \left( \frac{\text{Index Value for Year A}}{\text{Index Value for Year B}} \right) \times \text{Cost in Year B}$$

The following example illustrates the conversion of the cost of bituminous surfacing in 1967 to 1998 costs by using the Means Heavy Construction Historical Cost Index and the Minnesota DOT Bituminous Surface Index.

<i>Uniform Section</i>	<i>R/R Tracks to CR119S, CSAH 9</i>
Bituminous Surfacing Cost (1967 dollars)	\$5,466.82/lane-mi
Means Heavy Construction Historical Cost Index	
1998	115.1
1967	23.5
Minnesota DOT Bituminous Surfacing Index	
1998	124.06
1967	31.2

Means Heavy Construction Historical Cost Index:

$$1967 \text{ bituminous surfacing cost in 1998 dollars} = (\$5,466.82) \times (115.1/23.5) = \$26,775.79/\text{lane-mi}$$

Minnesota DOT Bituminous Surfacing Index:

$$1967 \text{ bituminous surfacing cost in 1998 dollars} = (\$5,466.82) \times (124.06/31.2) = \$21,737.62/\text{lane-mi}$$

#### Equivalent Uniform Annual Cost

The EUAC approach is often used in economic analyses when comparisons are being made between alternatives with different lives. The EUAC is the cost that, if incurred annually over the life of the project, yields the same present worth of costs as the actual expenses at the times they are incurred. Therefore, if the project is continued for more than one cycle, the equivalent annual cost for the next cycle and all succeeding cycles would be exactly the same as for the first, assuming all cash flows were the same for each period (3).

The capital recovery factor is used to determine the EUAC of each cost item given that the NPC of the item is already known. The capital recovery factor is expressed as follows:

$$(A/P, i, n) = \frac{i(1+i)^n}{(1+i)^n - 1}$$

where

A/P = ratio of the EUAC to the NPC,

i = annual percent increase in Means Heavy Construction Historical Cost Index or Minnesota DOT Surfacing Indices, and

n = analysis period (in years).

The i value can be estimated as the average percent increase over the years of life of the pavement. Therefore, the EUAC of the bituminous surfacing in the previous example would be calculated as follows:

<i>Uniform Section</i>	<i>R/R Tracks to CR119S, CSAH 9</i>
Life	1967–2006

Means Heavy Construction Historical Cost Index EUAC:

Avg. increase in Means Heavy Construction Historical Cost Index (1967–2006)	4.6 percent
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NPC (1998 dollars, Means Heavy Construction Historical Cost Index)	\$26,775.79/lane-mi
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$$\text{Capital recovery factor} = \frac{0.046(1 + 0.046)^{39}}{(1 + 0.046)^{39} - 1} = 0.05563$$

$$\text{Bituminous surface EUAC} = \$26,775.79 \cdot 0.05563 = \$1,489.54/\text{lane-mi/year}$$

Minnesota DOT Bituminous Surface Index EUAC:

Average increase in Minnesota DOT Bituminous Surface Index (1967–2006) 4.45 percent  
 NPC (1998 dollars, Minnesota DOT Bituminous Surface Index) \$21,737.62/lane-mi  

$$\text{Capital recovery factor} = \frac{0.0445(1 + 0.0445)^{39}}{(1 + 0.0445)^{39} - 1} = 0.05447$$
  
 Bituminous surface EUAC = \$21,737.62 × 0.05447 = \$1,184.05/lane-mi/year

Salvage Year

In addition to cost data and an analysis technique, economic analyses require the selection of an analysis period, which is often selected to coincide with the performance life of the option being studied. For the purposes of this study, the Olmsted and Waseca County engineering staff provided estimates of the year during which each study section would require major rehabilitation or reconstruction. This year (called the *salvage year*) was used to determine the expected life of each pavement section (in years) and was used as the end point for cost analyses. The interest rate (*i*) was estimated as the

average percent increase over the years representing the life of the pavement. It was further assumed that each pavement section would have no residual value (either positive or negative) at the salvage year.

Results

Tables 4 and 5 summarize the results of the economic analyses for the Olmsted and Waseca County uniform sections included in this study. The tables are divided into two major case headings: one that uses only Means Heavy Construction Historical Cost Index values, and one that uses values from the Minnesota DOT Surfacing Indices, as discussed previously. Under each index case heading, costs are presented in terms of EUAC per lane mile and EUAC per lane mile per million vehicles (i.e., normalized for traffic volume). Cost data associated with concrete pavement sections are shaded in gray.

The most accurate comparisons of HMAC and PCC pavement cost data are generally obtained when construction year, cumulative traffic, and environmental conditions are comparable. Although environmental conditions throughout Olmsted and Waseca County are

TABLE 4 Effects of Pavement Type on Life-Cycle Costs (Olmsted County)

Uniform Section	Section No.	Life	Surface Type	1-Way Traffic Volume (Million Vehicles)	Using Means Heavy Construction Cost Index Values for ALL Items		Using Minnesota DOT Surfacing and Means Heavy Construction Cost Index Values for Maintenance Items	
					EUAC/Lane Mile (1998 dollars)	EUAC/Lane Mile/ Million Vehicles	EUAC/Lane Mile (1998 dollars)	EUAC/Lane Mile/ Million Vehicles
CSAH 4								
CSAH 5 to CSAH 3S	1	1984-2011	AC	7.86	\$7,605	\$968	\$6,697	\$852
CSAH 3S to CSAH 3N	2	1984-2011	AC	11.53	\$7,866	\$682	\$6,886	\$597
CSAH 3N to 60 Ave. NW	3	1977-2009	PCC	11.59	\$7,504	\$647	\$7,843	\$677
60 Ave. NW to 50 Ave. NW	4	1977-2009	PCC	14.46	\$7,563	\$523	\$7,903	\$547
50 Ave. NW to CSAH 22	5	1977-2009	PCC	16.5	\$7,519	\$456	\$7,859	\$476
CSAH 22 to R/R Tracks	6	1977-2009	PCC	24.55	\$7,680	\$313	\$8,020	\$327
CR151 to 19 <sup>th</sup> St. NW	7	1972-2009	AC	36	\$12,127	\$337	\$11,380	\$316
19 <sup>th</sup> St. NW to 21 <sup>st</sup> Ave.	8	1972-2009	AC	25.78	\$12,044	\$467	\$11,297	\$438
CSAH 5								
CSAH 3 to CSAH 16	9	1987-2012	PCC	5.22	\$6,064	\$1,162	\$6,257	\$1,199
CSAH 16 to CSAH 4	10	1983-2012	PCC	9.11	\$6,402	\$703	\$6,562	\$720
CSAH 4 to 23 St. NW	11	1983-2012	PCC	11.17	\$6,402	\$573	\$6,563	\$588
23 St. NW to 13 St. NW	12	1983-2012	PCC	11.7	\$6,389	\$546	\$6,580	\$560
US14 to Frontier Road	13	1984-1999	AC	2.28	\$6,579	\$2,885	\$5,839	\$2,561
Frontier Road to CSAH 25	14	1984-1999	AC	1.24	\$6,562	\$5,292	\$5,823	\$4,696
CSAH 9								
19 <sup>th</sup> Ave. SE to CSAH 22	15	1969-2009	AC	50.59	\$12,736	\$252	\$12,803	\$253
CSAH 22 to R/R Tracks	16	1969-2006	AC	19.31	\$10,540	\$546	\$10,617	\$550
R/R Tracks to CR119S	17	1967-2006	AC	13.96	\$11,455	\$821	\$10,524	\$754
CR119S to TH42	18	1974-2001	PCC	7.63	\$8,761	\$1,148	\$7,181	\$941
TH42 to CSAH 7S	19	1979-1993	AC	1.86	\$8,029	\$4,317	\$7,080	\$3,806
TH42 to CSAH 7S	20	1994-2024	PCC	8.78	\$8,413	\$958	\$9,729	\$1,108
CSAH 7S to CSAH 10	21	1994-2024	PCC	5.5	\$8,381	\$1,524	\$9,696	\$1,763
0.5 Mi. E. CSAH 7S to CSAH 7N	22	1974-1993	AC	2.62	\$4,550	\$1,736	\$3,470	\$1,325
CSAH 7N to CR132	23	1974-1993	AC	2.22	\$7,430	\$3,347	\$6,211	\$2,798
CR132 to CSAH 10	24	1979-1993	AC	1.7	\$7,413	\$4,361	\$6,423	\$3,778
CSAH 10 to County Line	25	1979-1996	AC	1.7	\$6,493	\$3,819	\$5,588	\$3,287
CSAH 10 to County Line	26	1998-2028	PCC	6.24	\$10,479	\$1,679	\$10,426	\$1,671
CSAH 22								
0.5 Mi. SE US62 to CSAH 2	27	1989-2019	PCC	79.8	\$9,561	\$120	\$11,064	\$139
CSAH 2 to CSAH 9	28	1989-2019	PCC	79.83	\$10,605	\$133	\$12,109	\$152

TABLE 5 Effects of Pavement Type on Life-Cycle Costs (Waseca County)

Uniform Section	Section No.	Life	Surface Type	1-Way Traffic Volume (Million Vehicles)	Using Means Heavy Construction Cost Index Values for ALL Items		Using Minnesota DOT Surfacing and Means Heavy Construction Cost Index Values for Maintenance Items	
					EUAC/Lane Mile (1998 dollars)	EUAC/Lane Mile/ Million Vehicles	EUAC/Lane Mile (1998 dollars)	EUAC/Lane Mile/ Million Vehicles
CSAH 1								
S. County Line - TH30	1	1977-2002	AC	1.3	\$2,898.92	\$2,229.94	\$3,088.85	\$2,376.04
CSAH 2								
W. County Line - CSAH 3	2	1983-1999	AC	2.53	\$6,260.32	\$2,474.43	\$5,875.14	\$2,322.19
CSAH 3 - CSAH 33	3	1976-2001	PCC	2.75	\$6,893.45	\$2,506.71	\$6,744.20	\$2,452.44
CSAH 33 - CSAH 17	4	1976-2001	PCC	2.82	\$6,768.51	\$2,400.18	\$6,613.23	\$2,345.12
CSAH 17 - 85th St.	5	1975-2001	PCC	3.26	\$7,158.74	\$2,195.93	\$7,404.86	\$2,271.43
85th St. - CSAH 27	6	1975-2001	PCC	3.55	\$7,158.74	\$2,016.55	\$7,404.86	\$2,085.88
CSAH 3								
S. County Line - TH30	7	1974-2003	AC	3.14	\$8,711.47	\$2,774.35	\$8,683.95	\$2,765.59
N. Limits Waldorf - CSAH 4	8	1983-2002	AC	3.19	\$9,369.83	\$2,937.25	\$7,868.43	\$2,466.59
CSAH 4 - CSAH 9	9	1991-2026	PCC	13.47	\$6,133.87	\$455.37	\$6,845.05	\$508.17
CSAH 9 - CSAH 2	10	1985-2020	PCC	9.54	\$6,222.96	\$652.30	\$7,612.25	\$797.93
CSAH 2 - S. Limits Janesville	11	1983-2018	PCC	16.43	\$6,827.51	\$415.55	\$7,644.77	\$465.29
412 Ave. - CSAH 5	12	1987-2022	PCC	13.88	\$5,418.65	\$390.39	\$6,048.53	\$435.77
CSAH 4								
CSAH 3 - CSAH 11	13	1981-2002	AC	1.76	\$6,718.90	\$3,817.56	\$6,200.21	\$3,522.85
CSAH 11 - CSAH 12	14	1981-2002	AC	1.75	\$4,194.24	\$2,396.71	\$4,038.82	\$2,307.90
CSAH 12 - CSAH 29	15	1981-2002	AC	1.92	\$5,028.75	\$2,619.14	\$4,617.21	\$2,404.80
CSAH 29 - 0.5 Mi. NE	16	1983-2002	AC	1.58	\$6,645.42	\$4,205.96	\$6,498.05	\$4,112.69
0.5 Mi. NE CSAH 29 - CSAH 23	17	1983-2002	AC	1.68	\$6,421.44	\$3,822.29	\$6,359.44	\$3,785.38
East County Line	18	1977-2010	AC	2.96	\$5,804.45	\$1,960.96	\$6,272.79	\$2,119.19
CSAH 5								
CSAH 19 - CSAH 17	19	1992-2028	PCC	7.91	\$5,781.31	\$730.89	\$7,671.07	\$969.79
CSAH 17 - S. JCT. CSAH 35	20	1992-2028	PCC	8.31	\$5,781.31	\$695.70	\$7,671.07	\$923.11
CSAH 35								
N. JCT. CSAH 5 - 403 Ave.	21	1997-2012	AC	0.84	\$5,988.00	\$7,128.57	\$6,932.89	\$8,253.44
403 Ave. - S. JCT. CSAH 5	22	1997-2012	AC	0.82	\$6,164.33	\$7,517.48	\$7,246.05	\$8,836.65
CSAH 8								
CSAH 12 - TH13	23	1992-2007	AC	0.52	\$5,092.56	\$9,793.39	\$5,912.04	\$11,369.30
CSAH 9								
W. County Line - CSAH 3	24	1990-2005	AC	1.5	\$6,716.49	\$4,477.66	\$7,018.75	\$4,679.16
CSAH 3 - 70 St.	25	1982-2010	AC	2.62	\$6,898.46	\$2,633.00	\$6,632.92	\$2,531.65
70 St. - 75 St.	26	1981-2010	AC	2.66	\$7,389.21	\$2,777.90	\$6,598.19	\$2,480.52
75 St. - CSAH 29	27	1970-2010	AC	3.35	\$9,061.54	\$2,704.94	\$8,470.10	\$2,528.39
CSAH 29 - CR75	28	1970-2010	AC	3.54	\$7,354.37	\$2,077.51	\$7,111.88	\$2,009.01
CR75 - CSAH 26	29	1970-2010	AC	3.34	\$6,917.99	\$2,071.26	\$6,669.18	\$1,996.76
CSAH 17								
US14 - 0.25 Mi. S. CSAH 5	30	1995-2030	PCC	2.49	\$6,084.41	\$2,443.54	\$7,261.75	\$2,916.37
CSAH 19								
CSAH 3 - OLD CSAH 17	31	1992-2027	PCC	2.59	\$6,020.99	\$2,324.71	\$7,968.06	\$3,076.47
CSAH 20								
CR 56N - CR 56S	32	1971-2007	AC	2.29	\$6,527.24	\$2,850.33	\$6,259.91	\$2,733.58
CR 56S - E. County Line	33	1971-2007	AC	1.39	\$6,530.05	\$4,697.88	\$6,262.82	\$4,505.62
CR 57								
CSAH 27 - CR57N	34	1980-2015	PCC	3.79	\$6,153.80	\$1,623.69	\$5,414.54	\$1,428.64
CR57N - CSAH 4	35	1980-2015	PCC	7.6	\$6,179.65	\$813.11	\$5,441.14	\$715.94

reasonably constant, it was difficult to identify sets of HMAC and PCC pavement sections with comparable construction dates and cumulative traffic volumes for the purposes of direct comparison. For example, several Olmsted County HMAC and PCC pavement sections were constructed in the mid-1970s, but the traffic volumes carried by these sections varied widely.

*Olmsted County*

Three direct comparisons were made using the following uniform sections:

- Case 1: PCC (Section 11) vs. HMAC (Section 2);
- Case 2: PCC (Section 9) vs. HMAC (Sections 13 and 14); and
- Case 3: PCC (Section 10) vs. HMAC (Section 1).

**Case 1** Table 4 shows that, when the Minnesota DOT Surfacing Indices are used, Sections 11 and 12 (PCC sections built in 1983) have an average EUAC of approximately \$6,500/lane-mi/year, whereas Section 2 (HMAC section built in 1984) has an EUAC of approximately \$6,900/lane-mi/year. The traffic volume for the PCC sections ranged from 11.2 million to 11.7 million vehicles and was 11.5 million vehicles for the HMAC section. When traffic is factored in, the PCC sections have an average EUAC of \$574/lane-mi/year

per million vehicles, whereas the HMAC section has an EUAC of \$597/lane-mi/year per million vehicles. In these cases, the PCC generally appears to be slightly more cost-effective. Similar conclusions can be drawn using the Means Heavy Construction Historical Cost Index analyses.

**Case 2** A similar comparison can be made between Section 9 (PCC section constructed in 1987) and Sections 13 and 14 (HMAC sections constructed in 1984), with traffic volumes ranging from 5.2 million to 2.3 million and 1.2 million vehicles, respectively. Using the Minnesota DOT Surfacing Indices, the PCC section has an EUAC of approximately \$6,300/lane-mi/year, whereas the HMAC sections have an average EUAC of \$5,800/lane-mi/year. Using the Means Heavy Construction Historical Cost Index, the PCC section has an EUAC of approximately \$6,000/lane-mi/year, whereas the HMAC sections have an average EUAC of \$6,600/lane-mi/year.

When traffic is factored in, the PCC section is consistently more cost-effective (using the Minnesota DOT Surfacing Indices, an EUAC of \$1,200/lane-mi/year per million vehicles for the PCC sections, whereas the average EUAC of the HMAC sections is \$3,600/lane-mi/year per million vehicles).

**Case 3** Using the analyses for the Minnesota DOT Surfacing Indices, Section 10 (PCC section built in 1983) has an EUAC of approximately \$6,600/lane-mi/year. Section 1 (HMAC section built in 1984) has an EUAC of approximately \$6,700/lane-mi/year. The traffic volumes for the PCC and HMAC sections were 9.1 and 7.9 million vehicles, respectively. When traffic is factored in, the PCC section has an EUAC of \$720/lane-mi/year per million vehicles, whereas the HMAC section has an EUAC of \$852/lane-mi/year per million vehicles, suggesting that the PCC appears to be slightly more cost-effective. Similar conclusions can be drawn using the Means Heavy Construction Historical Cost Index analyses.

### *Waseca County*

Three direct comparisons were made using the following uniform sections:

- Case 1: PCC (Sections 5 and 6) vs. HMAC (Section 7);
  - Case 2: PCC (Sections 3 and 4) vs. HMAC (Sections 1 and 18);
- and
- Case 3: PCC (Section 34) vs. HMAC (Sections 25 and 26).

**Case 1** Table 5 shows that, when using the Minnesota DOT Surfacing Indices, Sections 5 and 6 (PCC sections built in 1975) have an average EUAC of \$7,405/lane-mi/year, whereas Section 7 (HMAC section built in 1974) has an EUAC of \$8,684/lane-mi/year. The traffic volume for the PCC sections ranged from 3.3 million to 3.6 million vehicles and was 3.2 million vehicles for the HMAC section. When traffic is factored in, the PCC sections have an average EUAC of \$2,179/lane-mi/year per million vehicles, whereas the HMAC section has an EUAC of \$2,766/lane-mi/year per million vehicles. In these cases, PCC appears to be more cost-effective. Similar conclusions can be drawn using the Means Heavy Construction Historical Cost Index analyses.

**Case 2** Using the Minnesota DOT Cost Index analyses, Sections 3 and 4 (PCC sections built in 1976) have an average EUAC of

\$6,679/lane-mi/year. Sections 1 and 18 (HMAC sections built in 1977) have an average EUAC of \$4,681/lane-mi/year. The traffic volume for the PCC sections was 2.8 million vehicles; traffic ranged from 1.3 million to 3.0 million vehicles for the HMAC sections. When traffic is factored in, the PCC sections have an average EUAC of \$2,399/lane-mi/year per million vehicles, whereas the HMAC sections have an average EUAC of \$2,248/lane-mi/year per million vehicles. In these cases, the HMAC appears to be slightly more cost-effective. Similar results are obtained when using the Means Heavy Construction Historical Cost Index analyses.

**Case 3** Using the Minnesota DOT Cost Index analyses, Section 34 (PCC section built in 1980) has an EUAC of \$5,415/lane-mi/year. Sections 25 and 26 (HMAC sections built in 1980–1982) have an average EUAC of \$6,616/lane-mi/year. The traffic volume for the PCC section was 3.8 million vehicles; traffic volumes ranged from 2.6 million to 2.7 million vehicles for the HMAC sections. When traffic is factored in, the PCC section has an EUAC of \$1,429/lane-mi/year per million vehicles, whereas the HMAC sections have an average EUAC of \$2,506/lane-mi/year per million vehicles. In these cases, the PCC appears to be much more cost-effective. Similar results are obtained when using the Means Heavy Construction Historical Cost Index analyses and factoring in traffic volumes.

### *General Cost Comparisons by Pavement Type*

It is possible to make very broad-based comparisons of the costs generally associated with the construction of HMAC and PCC pavements in each county. For the 28 pavement sections in Olmsted County considered in this study for which the Minnesota DOT Surfacing Indices were used, the 14 PCC pavements had an average EUAC of \$8,412/lane-mi/year (\$776/lane-mi/year per million vehicles), whereas the 14 HMAC pavements had an average EUAC of \$7,903/lane-mi/year (\$1,858/lane-mi/year per million vehicles). For the 35 pavement sections considered in Waseca County for which the Minnesota DOT Surfacing Indices were used, the 14 PCC pavements had an average EUAC of \$6,982/lane-mi/year (\$1,528/lane-mi/year per million vehicles), whereas the 21 HMAC pavements had an average EUAC of \$6,410/lane-mi/year (\$3,815/lane-mi/year per million vehicles).

Although such gross analyses provide interesting information, they may well be comparisons of “apples and oranges”; factors other than pavement surface type (e.g., traffic, pavement age, foundation support, and so forth) are uncontrolled and are likely to bias the results of the analysis. The most valid analyses result from comparisons of pavement sections that are selected to control as many factors as possible, as was done in the case studies described previously.

## CONCLUSIONS

The following conclusions are based on the analyses documented in this report for the 28 uniform sections selected from Olmsted County and 35 uniform sections selected from Waseca County.

1. Several useful analysis techniques and tools developed during the course of this study will facilitate future work in this area. They also may be useful in the development of Olmsted and Waseca County maintenance budgets and documenting resource needs. They include developing

–A graph of cumulative maintenance cost versus time for HMAC and PCC pavements in Olmsted and Waseca Counties in Minnesota;

–Innovative yet rational techniques for estimating missing maintenance cost information, as well as for backcasting and forecasting maintenance costs; and

–Innovative techniques for performing economic analyses on public works projects through the use of industry-specific cost index values instead of economywide inflation and discount rates, which may be biased by factors that do not directly influence heavy construction costs.

2. Of the 28 uniform sections considered for Olmsted County, 8 were used in three direct comparisons of pavements with comparable age and traffic; 13 of the 35 uniform sections considered for Waseca County were used in three direct comparisons:

–For Olmsted County, the favored pavement type depended somewhat on the cost index values that were used in the analysis; the index selection generally had no effect on the outcome for the Waseca County comparisons.

–When the results were normalized for traffic volumes (i.e., cost per lane mile per million vehicles carried), PCC pavements were clearly more cost-effective in all Olmsted County cases and for all but one case in Waseca County, regardless of the cost index values used.

–Insufficient data were available to normalize the results for ESALs or other measures of heavy traffic effects. However, it is believed that such normalization would further favor PCC pavements because the sections that were subjected to higher proportions of heavy commercial traffic in Olmsted and Waseca County had been constructed using PCC.

–Insufficient data were available to normalize the results for performance or ride quality.

–Maintenance costs for HMAC were significantly greater than those for PCC over the pavement life in both Olmsted and Waseca Counties.

## RECOMMENDATIONS

- Additional maintenance cost data should be collected to supplement data currently used to plot average cumulative maintenance costs versus years since last rehabilitation.

- Additional cost, traffic, and performance data should be collected from other city, township, and county highways to facilitate additional direct comparisons between PCC and HMAC pavement sections.

- Highway agencies should be encouraged to routinely collect and store accurate information concerning pavement construction, maintenance, and rehabilitation costs; traffic volume and composition; and pavement performance. Furthermore, the practice of discarding old cost, traffic, and performance information should be abandoned, because the analysis of this information represents the best chance for improving the effectiveness of decision-making processes.

## ACKNOWLEDGMENTS

The authors express their appreciation to the Concrete Paving Association of Minnesota (CPAM) for support of this research. Special thanks are offered to Daniel Frentress, executive director of CPAM, for enthusiastic participation throughout the project.

Thanks are also offered to the Olmsted County Public Works Office (especially Michael Sheehan, Kaye Bieniek, Don Brennan, Curt Bolles, and Chuck Meyer) and to the Waseca County Highway Department (especially Jeff Blue, Lyle Sopkowiak, and Deb Westphal) for technical assistance and support. The successful completion of this project would not have been possible without their contributions.

## REFERENCES

1. Embacher, R. A., and M. B. Snyder. *A Comparison of Life-Cycle Costs of Asphalt Concrete and Portland Cement Concrete Pavements in Olmsted County, Minnesota*. Final Report to Concrete Paving Association of Minnesota. University of Minnesota, Department of Civil Engineering, Minneapolis, Minn., January 2000.
2. Embacher, R. A., and M. B. Snyder. *A Comparison of Life-Cycle Costs of Asphalt Concrete and Portland Cement Concrete Pavements in Waseca County, Minnesota*. Final Report to Concrete Paving Association of Minnesota. University of Minnesota, Department of Civil Engineering, Minneapolis, Minn., September 2000.
3. Blank, L. T., and A. J. Tarquin. *Engineering Economy*, 3rd ed. McGraw-Hill, New York, 1989.

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*Publication of this paper sponsored by Committee on Low-Volume Roads.*

NOTICE OF HEARING 2012 BUDGET

The governing body of the City of Haysville, Kansas will meet on the 8th day of August, 2011 at 7:00 p.m. at the Municipal Building for the purpose of hearing and answering objections of taxpayers relating to the proposed use of all funds and the amount of tax to be levied.

Detailed budget information is available at Haysville Municipal Building, 200 West Grand, Haysville, KS and will be available at this hearing.

BUDGET SUMMARY

The Expenditures and the Amount of '11 Tax to be Levied (as shown below) establish the maximum limits of the 2012 budget. The "Est. Tax Rate" in the far right column, shown for comparative purposes, is subject to slight change depending on final assessed valuation.

FUND	2010		2011		PROPOSED BUDGET 2012		
	Actual Expendit.	Actual Tax Rate*	Budget or Est. of Expendit.	Actual Tax Rate*	Expendit.	Amount of '11 Tax to be Levied	Est. Tax Rate*
GENERAL	4,783,354	31.744	4,971,391	31.704	5,035,376	1,697,253	31.340
LIBRARY	318,596	5.252	330,738	5.261	332,884	284,320	5.250
DEBT SERVICE	1,743,136	9.087	2,057,896	9.107	2,131,988	498,558	9.206
LAW ENFORCEMENT	191,346	2.000	190,844	2.004	256,800	108,312	2.000
SPECIAL LIABILITY	32,096	0.342	36,000	0.345	39,000	33,844	0.625
SPECIAL HIGHWAY FUND	425,545		452,222		441,418		
HIGHWAY IMPROVEMENT RESERVE FUND	45,000		0		109,414		
OFFICE EQUIPMENT	0		2,000		30,754		
MUNICIPAL POOL	86,954		98,685		107,050		
SPECIAL PARK & RECREATION	6,030		9,828		17,580		
SPECIAL ALCOHOL	4,237		4,237		57,535		
WATER/WASTEWATER	2,371,165		2,679,126		2,984,592		
STORMWATER UTILITY	145,464		146,205		155,085		
CAPITAL IMPROVEMENTS	269,757		822,134		1,171,102		
RECREATION DEPARTMENT	533,826		554,056		609,104		
WASTEWATER DEBT SERVICE RESERVE	461,596		463,565		465,021		
SPECIAL PARK IMPROVEMENT RESERVE	60,375		25,000		105,337		
WATER/WASTEWATER SURPLUS FUND	68,435		0		97,563		
EQUIPMENT RESERVE	78,302		0		437,390		
RISK MANAGEMENT RESERVE	231,030		515,426		717,480		
TRANSIENT GUEST TAX	0		0		32,000		
<b>TOTALS</b>	<b>11,856,244</b>	<b>48.425</b>	<b>13,359,353</b>	<b>48.421</b>	<b>15,334,473</b>	<b>2,622,287</b>	<b>48.421</b>
<b>LESS : TRANSFERS</b>	<b>1,710,986</b>		<b>1,898,965</b>		<b>1,908,987</b>		
<b>NET EXPENDITURES</b>	<b>10,145,258</b>		<b>11,460,388</b>		<b>13,425,486</b>		
<b>TOTAL TAX LEVIED</b>	<b>2,627,698</b>		<b>2,602,263</b>		<b>xxxxxxx</b>		
<b>ASSESSED VALUATION</b>	<b>54,262,203</b>		<b>53,742,913</b>		<b>54,156,182</b>		
<b>Outstanding Indebtedness,</b>							
January 1	---2009---		---2010---		---2011---		
G.O. Bonds	17,705,000		16,415,000		19,165,000		
Revenue Bonds	2,700,000		2,400,000		2,095,000		
Temporary Notes	1,500,000		2,420,500		0		
Lease Purchase Principal	604,141		527,049		464,549		
Total	22,509,141		21,762,549		21,724,549		

\* Tax Rates are expressed in Mills.

*Janie Cox*  
 City Clerk / Treasurer

# MEMO

**TO:** The Honorable Ken Hampton, Mayor  
Haysville City Councilmembers

**FROM:** Carol C. Neugent, Director of Governmental Services

**SUBJECT:** Contract Award – Broadway Court

**DATE:** July 20, 2011

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During the June 13, 2011 City Council meeting, subsequent to discussion, the Council made the following motion in regards to Consideration of Bids for the Paving of Broadway Court:

Motion by Kanaga-Second by Pierce  
Mr. Mayor, I move that we accept the bid for paving option number three from Kansas Paving, contingent on satisfactory completion of testing.  
Conrady yea, Slocum yea, Ewert yea, Kanaga yea, Kessler yea, Rardin nay,  
Konkel yea, Pierce yea.  
Motion declared carried.

Option number three referred to the process of Roller Compacted Concrete. The testing referred to a satisfactory “test strip” due to the fact that Kansas Paving could not provide proof of prior experience as required in the Bid Package.

Professional Engineering Consultants (PEC) notified Kansas Paving, Inc. of the contingent award in a letter dated June 20, 2011. The letter stated:

The City of Haysville will award the project contingent upon the satisfactory results of a test strip to be constructed by Kansas Paving.

The same letter contained requirements for the test strip in addition to standard specifications for Roller Compacted Concrete.

On July 13, 2011 Kansas Paving constructed a test strip of roller compacted concrete. Due to deficiencies and concerns, PEC issued a Memo to the City stating that: “Professional Engineering Consultants does not recommend awarding the Roller Compacted Concrete Option to Kansas Paving, Inc.”

On July 15, 2011 Kansas Paving constructed another test strip. By appearance (final testing is not complete), the deficiencies and concerns noted in the sanctioned test strip were resolved. The second test strip, however, was made outside the original contract award contingency.

This item is being returned to the City Council for further consideration and action. Additional information and options will be presented during the meeting.

Thank you for your attention to this matter. If you should have any concerns in regards to this item, please do not hesitate to contact me.

VENDOR NO NAME	PAYMENT AMT
10 A & E ANALYTICAL	80.00
100 AMSAN	235.66
150 ACME LITHOGRAPH	979.00
195 A-FORD-ABLE	43.96
215 AIRGAS MID SOUTH INC	96.93
490 A T & T	1,284.60
495 AT&T MOBILITY	94.19
530 AUSTIN DISTRIBUTING	581.17
635 BNY MELLON TRUST- MO	64,387.50
653 BARKER GREGORY K	1,200.00
680 BAYSINGER POLICE SUPPLY	101.98
695 BEALL MITCHELL SULLIVAN	1,200.00
836 BRENNTAG SW	1,015.30
966 CDW GOVERNMENT INC	79.58
996 CAPITAL ONE BANK N A	3,783.68
1100 CENTRAL KEY & SAFE INC	124.00
1493 DE LAGE LANDEN PUBLIC FIN	203.27
1781 EXPRESS SERVICES INC	3,366.67
1782 EXPRESS POLICE SUPPLY	250.00
1860 FERGUSON ENTERPRISES INC	162.62
2065 GLATT SABRINA	830.00
2345 HAYSVILLE RENTAL CENTER	75.00
2500 HOMELAND STORES INC	357.58
2560 HUBER M S	197.79
2677 ISG TECHNOLOGY INC	145.00

VENDOR NO NAME	PAYMENT AMT
2843 JOHN DEERE LANDSCAPES	30.00
2844 JOHN DEERE FINANCIAL	989.62
2850 JOHNSTONE SUPPLY	1,177.95
3045 KANSAS FAMILY PARTNERSHIP	50.00
3055 KANSAS FLAGPOLE	85.00
3070 KDHE #K6000	487.00
3300 KANSAS PAVING INC	406.35
3385 KANSAS USSSA	90.00
3420 KELLY'S CORP APPAREL	707.80
3500 KONICA MINOLTA BUS SYS	290.10
3694 LIES TRASH SERVICE	851.75
4070 MICHAEL L WATSON	69.00
4348 NEW MEDICAL HEALTH CARE	47.50
4406 PACE ANALYTICAL SERVICES	83.00
4520 PETTY CASH	2,654.90
4780 PRO-KEM SUPPLIES INC	88.00
4860 QUILL CORPORATION	49.76
4943 RAND GRAPHICS INC	764.00
5326 SEDG CTY ANIMAL CONTROL	377.00
5345 SEDG CTY CODE ENFORCE	378.43
5441 SIGNATURE PEST	50.00
5690 STAR ELECTRIC SUPPLY INC	102.83
5770 SUPERIOR COMP SUPPLY INC	644.08
5776 SUPERIOR SERVICE COMPANY	480.49
5883 TENNANT SALES & SERVICE	1,816.56

VENDOR NO NAME	PAYMENT AMT
6030 UNITED STATES POSTAL SERV	950.00
6070 UNIVERSITY OF KS	250.00
6135 UNIFIRST CORPORATION	609.92
6275 VORTEX	243.77
6300 WAL-MART COMMUNITY	258.28
6472 WICHITA AIR FILTER SUPPLY	657.36
6600 WICHITA STAMP & SEAL INC	21.84
	=====
REPORT TOTAL	96,637.77

FUND	NAME	TOTAL
01	GENERAL FU	12,742.24
10	SEWER FUND	3,423.32
11	WATER FUND	4,799.91
12	MUNICIPAL	2,436.99
14	STORMWATER	36.89
21	STREET FUN	3,000.03
24	LAW ENFORC	294.20
30	RECREATION	68,116.12
32	HAYSVILLE	240.92
36	CAPITAL IM	1,014.08
51	SPECIAL PA	533.07
		=====
	TOTAL	96,637.77

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
-----													
INTRUST													
GENERAL FUND													
4520 PETTY CASH													
PO#10920	6 I	7/26/2011	7/21/2011	REIMBURSE FUND	20.00		20.00		20.00	01			1
								01-00-5005	GENERAL ANIMAL LICENSES				
	7 I			REIMBURSE FUND	35.00		35.00		35.00	01			1
								01-00-5012	GENERAL MISCELLANEOUS				
	8 I			REIMBURSE FUND	200.00		200.00		200.00	01			1
								01-00-5016	GENERAL BUILDING RENTAL FEES				
				* INVOICE TOTALS	255.00		255.00		255.00				
				** VENDOR TOTALS *	255.00		255.00		255.00				
5345 SEDGWICK COUNTY													
JUNE 2011	1 I	7/26/2011	7/08/2011	MONTHLY PERMIT FEES PER SCHEDULE	378.43		378.43		378.43	01			1
								01-00-5008	GENERAL PERMITS				
				** VENDOR TOTALS *	378.43		378.43		378.43				
				REVENUE FUNDS	633.43		633.43		633.43				
490 A T & T													
JULY 2011	1 I	7/26/2011	7/11/2011	MONTHLY PHONE BILL	114.48		114.48		114.48	01			1
								01-01-2002	CITY CLERK TELEPHONE				
				** VENDOR TOTALS *	114.48		114.48		114.48				
4520 PETTY CASH													
PO#10920	1 I	7/26/2011	7/21/2011	REIMBURSE FUND	10.00		10.00		10.00	01			1
								01-01-2015	CITY CLERK TRG/EDUC/TRAVEL				
				** VENDOR TOTALS *	10.00		10.00		10.00				
				CITY CLERK	124.48		124.48		124.48				
490 A T & T													
JULY 2011	2 I	7/26/2011	7/11/2011	MONTHLY PHONE BILL	341.92		341.92		341.92	01			1
								01-02-2002	POLICE TELEPHONE				
	3 I			CHECK LINE 529-5911 SER	55.00		55.00		55.00	01			1
								01-02-2006	POLICE EQUIPMENT MAINTENANCE				
				* INVOICE TOTALS	396.92		396.92		396.92				
				** VENDOR TOTALS *	396.92		396.92		396.92				
680 BAYSINGER POLICE SUPPLY INC													
52268	1 I	7/26/2011	7/19/2011	2 PR UNIFORM PANTS @ 50	101.98		101.98		101.98	01			1
								01-02-2016	POLICE UNIFORMS & EQUIPMENT				
				** VENDOR TOTALS *	101.98		101.98		101.98				
966 CDW GOVERNMENT INC													
XZF0475	1 I	7/26/2011	7/13/2011	1 5/PK DVD+RW 4.7GB MED	6.97		6.97		6.97	01			1

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
	2 I			SHIPPING	.98		.98		.98	01			1
				* INVOICE TOTALS	7.95		7.95		7.95				
XZK2225	1 I	7/26/2011	7/14/2011	9-5/PK DVD+RW 4.7GB MED	62.73		62.73		62.73	01			1
	2 I			SHIPPING	8.90		8.90		8.90	01			1
				* INVOICE TOTALS	71.63		71.63		71.63				
				** VENDOR TOTALS *	79.58		79.58		79.58				
				1782 EXPRESS POLICE SUPPLY									
19232-11	1 I	7/26/2011	7/06/2011	5038 PUSH BUMPER 03-07	205.00		205.00		205.00	01			1
	2 I			SHIPPING	45.00		45.00		45.00	01			1
				* INVOICE TOTALS	250.00		250.00		250.00				
				** VENDOR TOTALS *	250.00		250.00		250.00				
				2500 HAC INC									
PO 10903	1 I	7/26/2011	7/15/2011	CLEANING SUPPLIES	5.49		5.49		5.49	01			1
				* INVOICE TOTALS	5.49		5.49		5.49				
				** VENDOR TOTALS *	5.49		5.49		5.49				
				3045 KANSAS FAMILY PARTNERSHIP INC									
71311	1 I	7/26/2011	7/13/2011	KADEC CONFERENCE REGIST 8/10/11 TOPEKA - ANN ME	50.00		50.00		50.00	01			1
				* INVOICE TOTALS	50.00		50.00		50.00				
				** VENDOR TOTALS *	50.00		50.00		50.00				
				3500 KONICA MINOLTA BUSINESS									
218360907	1 I	7/26/2011	7/07/2011	COPIER MAINTENANCE CONT	33.00		33.00		33.00	01			1
				* INVOICE TOTALS	33.00		33.00		33.00				
				** VENDOR TOTALS *	33.00		33.00		33.00				
				4520 PETTY CASH									
PO#10920	2 I	7/26/2011	7/21/2011	REIMBURSE FUND	38.80		38.80		38.80	01			1
	3 I			REIMBURSE FUND	12.99		12.99		12.99	01			1
				* INVOICE TOTALS	51.79		51.79		51.79				
				** VENDOR TOTALS *	51.79		51.79		51.79				
				4780 PRO-KEM SUPPLIES INC									
5644	2 I	7/26/2011	7/13/2011	AIR FRESHENER SERVICE	40.00		40.00		40.00	01			1
				* INVOICE TOTALS	40.00		40.00		40.00				
				** VENDOR TOTALS *	40.00		40.00		40.00				
				4860 QUILL CORPORATION									
5208127	1 I	7/26/2011	6/30/2011	OFFICE SUPPLIES	13.78		13.78		13.78	01			1

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
5267837	1 I	7/26/2011	7/06/2011	OFFICE SUPPLIES	35.98		35.98		35.98	01			1
								01-02-2004	POLICE OFFICE EXPENSE				
				** VENDOR TOTALS *	49.76		49.76		49.76				
				5326 SEDGWICK COUNTY									
MAY-JUN 11	1 I	7/26/2011	7/06/2011	13 DOGS PICKED UP @ \$29 MAY AND JUNE 2011 SERVI	377.00		377.00		377.00	01			1
								01-02-2013	POLICE ANIMAL CONTROL				
				** VENDOR TOTALS *	377.00		377.00		377.00				
				6070 UNIVERSITY OF KANSAS									
25183-1	1 I	7/26/2011	7/20/2011	BASIC INTERNAL AFFAIRS AUG 11-12 R LAMARCHE	50.00		50.00		50.00	01			1
								01-02-2015	POLICE TRAINING/EDUC/TRAVEL				
25235-1	1 I	7/26/2011	7/20/2011	OFFICER INVOLVED SHOOTI 8/25/11 RENE LAMARCHE	25.00		25.00		25.00	01			1
								01-02-2015	POLICE TRAINING/EDUC/TRAVEL				
25236-1	1 I	7/26/2011	7/20/2011	OFFICER INVOLVED SHOOTI 8/25/11 MARK MULLIN	25.00		25.00		25.00	01			1
								01-02-2015	POLICE TRAINING/EDUC/TRAVEL				
25271-1	1 I	7/26/2011	7/20/2011	BASIC CRIME PREVENTION SEPT 13-14 LT CRITES	50.00		50.00		50.00	01			1
								01-02-2015	POLICE TRAINING/EDUC/TRAVEL				
25272-1	1 I	7/26/2011	7/20/2011	BASIC CRIME PREVENTION SEPT 13-14 GRADY GERMA	50.00		50.00		50.00	01			1
								01-02-2015	POLICE TRAINING/EDUC/TRAVEL				
25275-1	1 I	7/26/2011	7/20/2011	BASIC CRIME PREVENTION SEPT 13-14 BRADY SIMMO	50.00		50.00		50.00	01			1
								01-02-2015	POLICE TRAINING/EDUC/TRAVEL				
				** VENDOR TOTALS *	250.00		250.00		250.00				
				6600 WICHITA STAMP & SEAL INC									
183247	1 I	7/26/2011	7/08/2011	SELF-INKING SIGNATURE S CHIEF WHITFIELD	18.75		18.75		18.75	01			1
								01-02-2004	POLICE OFFICE EXPENSE				
	2 I			POSTAGE & HANDLING	3.09		3.09		3.09	01			1
								01-02-2004	POLICE OFFICE EXPENSE				
				* INVOICE TOTALS	21.84		21.84		21.84				
				** VENDOR TOTALS *	21.84		21.84		21.84				
				POLICE	1707.36		1707.36		1707.36				
				490 A T & T									
JULY 2011	6 I	7/26/2011	7/11/2011	MONTHLY PHONE BILL	10.88		10.88		10.88	01			1
								01-03-2002	PARK TELEPHONE				
				** VENDOR TOTALS *	10.88		10.88		10.88				
				1781 EXPRESS SERVICES INC									
997016605	3 I	7/26/2011	7/05/2011	C BRASWELL-31.18 HR @ 1	379.15		379.15		379.15	01			1
								01-03-2040	PARK CONTRACTUAL				

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
	4	I		M PETERSON-40 HR @ 12.1 .35 HR @ 18.24 PARK	492.78		492.78		492.78	01			1
								01-03-2040	PARK CONTRACTUAL				
				* INVOICE TOTALS	871.93		871.93		871.93				
997375019	3	I	7/26/2011	7/13/2011	CLYDE BRASWELL- PARK WO 23.55 HR @ 12.16	286.37		286.37	286.37	01			1
								01-03-2040	PARK CONTRACTUAL				
	4	I		MAX PETERSON- PARK WORK 31.89 HR @ 12.16	387.78		387.78		387.78	01			1
								01-03-2040	PARK CONTRACTUAL				
				* INVOICE TOTALS	674.15		674.15		674.15				
				** VENDOR TOTALS *	1546.08		1546.08		1546.08				
				2345 HAYSVILLE RENTAL CENTER									
5036	1	I	7/26/2011	7/12/2011	TORO TRACKED TRENCHER R EQUIPMENT RENTAL	75.00		75.00	75.00	01			1
								01-03-2046	PARK P-C SPORTS COMPLEX				
				** VENDOR TOTALS *	75.00		75.00		75.00				
				2844 JOHN DEERE FINANCIAL									
407260	1	I	7/26/2011	6/02/2011	V-BELT 797 Z TRACK	61.00		61.00	61.00	01			1
								01-03-2006	PARK EQUIPMENT MAINTENANCE				
415266	1	I	7/26/2011	6/11/2011	RADIATOR - 797 Z TRACK	580.00		580.00	580.00	01			1
								01-03-2006	PARK EQUIPMENT MAINTENANCE				
	2	I		GUARD	74.00		74.00		74.00	01			1
								01-03-2006	PARK EQUIPMENT MAINTENANCE				
	3	I		FREIGHT	9.21		9.21		9.21	01			1
								01-03-2006	PARK EQUIPMENT MAINTENANCE				
				* INVOICE TOTALS	663.21		663.21		663.21				
				** VENDOR TOTALS *	724.21		724.21		724.21				
				2850 JOHNSTONE SUPPLY									
187848	1	I	7/26/2011	7/14/2011	INDOOR HP 115V A/C UNIT	381.71		381.71	381.71	01			1
								01-03-2046	PARK P-C SPORTS COMPLEX				
	2	I		OUTDOOR HP 115V A/C UNI	587.51		587.51		587.51	01			1
								01-03-2046	PARK P-C SPORTS COMPLEX				
	3	I		DSS LINSET	110.25		110.25		110.25	01			1
								01-03-2046	PARK P-C SPORTS COMPLEX				
	4	I		PULLOUT HANDLE	3.94		3.94		3.94	01			1
								01-03-2046	PARK P-C SPORTS COMPLEX				
	5	I		KIT SUPER SEAL A/C	46.55		46.55		46.55	01			1
								01-03-2046	PARK P-C SPORTS COMPLEX				
	6	I		155 IR THERMOMETER ANNOUNCER'S BOOTH @ P/C	47.99		47.99		47.99	01			1
								01-03-2046	PARK P-C SPORTS COMPLEX				
				* INVOICE TOTALS	1177.95		1177.95		1177.95				
				** VENDOR TOTALS *	1177.95		1177.95		1177.95				
				3055 KANSAS FLAGPOLE									
145977	1	I	7/26/2011	6/24/2011	FLAGPOLE & INSTALLATION	85.00		85.00	85.00	01			1

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
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CITY'S PORTION-VFW PD B													
								01-03-2046					
				** VENDOR TOTALS *	85.00		85.00		85.00				
PARK P-C SPORTS COMPLEX													
3420 KELLY'S CORPORATE APPAREL LLC													
27338	3 I	7/26/2011	7/05/2011	UNIFORM SHIRTS & FRT	235.94		235.94		235.94	01			1
				66 TOTAL/ ASST SIZES									
				** VENDOR TOTALS *	235.94		235.94		235.94				
PARK MISCELLANEOUS													
3694 LIES TRASH SERVICE													
JULY 2011	9 I	7/26/2011	7/08/2011	PARK TRASH SERVICE	160.00		160.00		160.00	01			1
				** VENDOR TOTALS *	160.00		160.00		160.00				
PARK MISCELLANEOUS													
5690 STAR ELECTRIC SUPPLY INC													
299941	1 I	7/26/2011	7/15/2011	ELECTRIC-FLAG POLE PROJ	102.83		102.83		102.83	01			1
				** VENDOR TOTALS *	102.83		102.83		102.83				
PARK P-C SPORTS COMPLEX													
6135 UNIFIRST CORPORATION													
PO 10905	4 I	7/26/2011	7/15/2011	2 WK UNIFORM RENT/CLEAN	72.34		72.34		72.34	01			1
				** VENDOR TOTALS *	72.34		72.34		72.34				
PARK MISCELLANEOUS													
				PARK	4190.23		4190.23		4190.23				
490 A T & T													
JULY 2011	7 I	7/26/2011	7/11/2011	MONTHLY PHONE BILL	10.91		10.91		10.91	01			1
				** VENDOR TOTALS *	10.91		10.91		10.91				
PL COMM TELEPHONE													
996 CAPITAL ONE BANK N A													
JUNE 2011	11 I	7/26/2011	7/05/2011	SECURITY STORE-PORTABLE MICROPHONE, CD PLAYER &	622.55		622.55		622.55	01			1
				** VENDOR TOTALS *	622.55		622.55		622.55				
PL COMM HISTORIC DISTRICT													
				PLANNING COMMISSI	633.46		633.46		633.46				
150 ACME LITHOGRAPHERS & ENVELOPE													
980-L	1 I	7/26/2011	7/06/2011	2.75 UNIFORM COMPLAINT NOTICE TO APPEAR CITATI	979.00		979.00		979.00	01			1
				** VENDOR TOTALS *	979.00		979.00		979.00				
MUN COURT LEGAL PRINTING													
490 A T & T													
JULY 2011	4 I	7/26/2011	7/11/2011	MONTHLY PHONE BILL	83.37		83.37		83.37	01			1
				** VENDOR TOTALS *	83.37		83.37		83.37				
MUN COURT TELEPHONE													

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
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653 GREGORY K BARKER													
JULY 2011	1 I	7/26/2011	7/18/2011	COURT APPOINTED ATTORNE SERVICES FOR JULY 2011	1200.00		1200.00		1200.00	01			1
								01-06-2037	MUN COURT CT APPOINTED ATTY				
				** VENDOR TOTALS *	1200.00		1200.00		1200.00				
695 BEALL, MITCHELL & SULLIVAN LLC													
JULY 2011	2 I	7/26/2011	7/18/2011	JULY 2011 PROSECUTION S	1000.00		1000.00		1000.00	01			1
								01-06-1100	MUN COURT PERSONNEL SERVICES				
				** VENDOR TOTALS *	1000.00		1000.00		1000.00				
				MUNICIPAL COURT	3262.37		3262.37		3262.37				
2677 ISG TECHNOLOGY INC													
1026100	1 I	7/26/2011	6/29/2011	MILESTONE SECURITY SYST REMOTE WORK - 1 HOUR CH	145.00		145.00		145.00	01			1
								01-09-2048	BLDG & GROUNDS LIBRARY BLDG				
				** VENDOR TOTALS *	145.00		145.00		145.00				
2843 JOHN DEERE LANDSCAPES													
58563838	1 I	7/26/2011	7/13/2011	2 JUNIPER BUSHES @ 15.0	30.00		30.00		30.00	01			1
								01-09-2025	BLDG & GROUNDS BUILDING MAINT				
				** VENDOR TOTALS *	30.00		30.00		30.00				
3694 LIES TRASH SERVICE													
JULY 2011	1 I	7/26/2011	7/08/2011	CITY BLDG TRASH REMOVAL	40.00		40.00		40.00	01			1
								01-09-2040	BLDG & GROUNDS CONTRACTUAL				
	11 I			COMMUNITY BLDG TRASH SE	50.00		50.00		50.00	01			1
								01-09-2040	BLDG & GROUNDS CONTRACTUAL				
	13 I			FUEL SURCHARGE	1.75		1.75		1.75	01			1
								01-09-2040	BLDG & GROUNDS CONTRACTUAL				
				* INVOICE TOTALS	91.75		91.75		91.75				
				** VENDOR TOTALS *	91.75		91.75		91.75				
4520 PETTY CASH													
PO#10920	4 I	7/26/2011	7/21/2011	REIMBURSE FUND	43.38		43.38		43.38	01			1
								01-09-2009	BLDG & GROUNDS MATERIALS				
				** VENDOR TOTALS *	43.38		43.38		43.38				
4780 PRO-KEM SUPPLIES INC													
5644	3 I	7/26/2011	7/13/2011	AIR FRESHENER SERVICE	32.00		32.00		32.00	01			1
								01-09-2012	BLDG & GROUNDS MISCELLANEOUS				
				** VENDOR TOTALS *	32.00		32.00		32.00				
6472 WICHITA AIR FILTER SUPPLY CO													
108751	1 I	7/26/2011	6/30/2011	24-20X20X1 AIR FILTERS	76.08		76.08		76.08	01			1
								01-09-2009	BLDG & GROUNDS MATERIALS				
	2 I			24-18X18X2 AIR FILTERS	145.20		145.20		145.20	01			1
								01-09-2009	BLDG & GROUNDS MATERIALS				
	6 I			12-20X30X1 FILTERS-CITY	62.88		62.88		62.88	01			1
								01-09-2009	BLDG & GROUNDS MATERIALS				

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
7	I			48-16X25X1 FILTERS PD/C	150.72		150.72		150.72	01			1
								01-09-2009	BLDG & GROUNDS MATERIALS				
				* INVOICE TOTALS	434.88		434.88		434.88				
				** VENDOR TOTALS *	434.88		434.88		434.88				
				CITY BUILDINGS &	777.01		777.01		777.01				
695 BEALL, MITCHELL & SULLIVAN LLC													
JULY 2011	1	I	7/26/2011	7/18/2011 ASST CITY ATTORNEY SERV	200.00		200.00		200.00	01			1
								01-10-1100	SP FUNDS PERSONNEL SERVICES				
				** VENDOR TOTALS *	200.00		200.00		200.00				
996 CAPITAL ONE BANK N A													
JUNE 2011	6	I	7/26/2011	7/05/2011 ORIENTAL TRADING-JUL 4	67.00		67.00		67.00	01			1
								01-10-2054	SP FUNDS SPECIAL EVENTS				
	12	I		DOLLAR GENERAL-JUL 4 IT	237.35		237.35		237.35	01			1
								01-10-2054	SP FUNDS SPECIAL EVENTS				
				* INVOICE TOTALS	304.35		304.35		304.35				
				** VENDOR TOTALS *	304.35		304.35		304.35				
2500 HAC INC													
PO 10903	2	I	7/26/2011	7/15/2011 MISC GROCERIES	36.17		36.17		36.17	01			1
								01-10-2054	SP FUNDS SPECIAL EVENTS				
				** VENDOR TOTALS *	36.17		36.17		36.17				
3500 KONICA MINOLTA BUSINESS													
218222466	1	I	7/26/2011	6/29/2011 ADMIN COPIER MAINTENANC	239.50		239.50		239.50	01			1
								01-10-2040	SP FUNDS CONTRACTUAL				
				** VENDOR TOTALS *	239.50		239.50		239.50				
5770 SUPERIOR COMPUTER SUPPLY INC													
207171	1	I	7/26/2011	7/07/2011 OFFICE SUPPLIES	81.97		81.97		81.97	01			1
								01-10-2077	SP FUNDS SHARED OFFICE EXPENSE				
				** VENDOR TOTALS *	81.97		81.97		81.97				
6300 WAL-MART COMMUNITY/GEMB													
JULY 2011	1	I	7/26/2011	7/16/2011 MISC ITEMS-JULY 4TH EVE	55.82		55.82		55.82	01			1
								01-10-2054	SP FUNDS SPECIAL EVENTS				
				** VENDOR TOTALS *	55.82		55.82		55.82				
				SPECIAL FUNDS	917.81		917.81		917.81				
490 A T & T													
JULY 2011	5	I	7/26/2011	7/11/2011 MONTHLY PHONE BILL	27.18		27.18		27.18	01			1
								01-12-2003	SR CENTER UTILITIES				
				** VENDOR TOTALS *	27.18		27.18		27.18				

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
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3500 KONICA MINOLTA BUSINESS													
218367909	1 I	7/26/2011	7/08/2011	SR CTR COPIER MAINTENAN	17.60		17.60		17.60	01			1
								01-12-2004	SR CENTER OFFICE EXPENSE				
				** VENDOR TOTALS *	17.60		17.60		17.60				
3694 LIES TRASH SERVICE													
JULY 2011	5 I	7/26/2011	7/08/2011	SR CTR TRASH SERVICE	50.00		50.00		50.00	01			1
								01-12-2003	SR CENTER UTILITIES				
				** VENDOR TOTALS *	50.00		50.00		50.00				
4520 PETTY CASH													
PO#10920	5 I	7/26/2011	7/21/2011	REIMBURSE FUND	10.00		10.00		10.00	01			1
								01-12-2015	SR CENTER TRG/EDUC/TRAVEL				
				** VENDOR TOTALS *	10.00		10.00		10.00				
4780 PRO-KEM SUPPLIES INC													
5644	1 I	7/26/2011	7/13/2011	AIR FRESHENER SERVICE	16.00		16.00		16.00	01			1
								01-12-2025	SR CENTER BUILDING MAINTENANCE				
				** VENDOR TOTALS *	16.00		16.00		16.00				
				SENIOR CENTER	120.78		120.78		120.78				
490 A T & T													
JULY 2011	8 I	7/26/2011	7/11/2011	MONTHLY PHONE BILL	38.34		38.34		38.34	01			1
								01-18-2002	GEN GOVT TELEPHONE/POSTAGE				
	16 I			COMM DEV PHONE BILL	28.24		28.24		28.24	01			1
								01-18-2002	GEN GOVT TELEPHONE/POSTAGE				
				* INVOICE TOTALS	66.58		66.58		66.58				
				** VENDOR TOTALS *	66.58		66.58		66.58				
996 CAPITAL ONE BANK N A													
JUNE 2011	2 I	7/26/2011	7/05/2011	USTREAMTV ONLINE-CH7-JU	49.00		49.00		49.00	01			1
								01-18-2012	GEN GOVT MISCELLANEOUS				
	3 I			USTREAMTV ONLINE-CH7-JU	49.00		49.00		49.00	01			1
								01-18-2012	GEN GOVT MISCELLANEOUS				
	19 I			MI CASA- LUNCH MEETING KS STAR CASINO	34.77		34.77		34.77	01			1
								01-18-2015	GEN GOVT TRAINING/EDUC/TRAVEL				
				* INVOICE TOTALS	132.77		132.77		132.77				
				** VENDOR TOTALS *	132.77		132.77		132.77				
				GENERAL GOVERNMEN	199.35		199.35		199.35				
490 A T & T													
JULY 2011	11 I	7/26/2011	7/11/2011	MONTHLY PHONE BILL	40.79		40.79		40.79	01			1
								01-20-2002	INSPECTION TELEPHONE				
				** VENDOR TOTALS *	40.79		40.79		40.79				

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
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5770 SUPERIOR COMPUTER SUPPLY INC													
207171	2 I	7/26/2011	7/07/2011	OFFICE SUPPLIES	103.43		103.43		103.43	01			1
								01-20-2004	INSPECTION OFFICE EXPENSE				
				** VENDOR TOTALS *	103.43		103.43		103.43				
6135 UNIFIRST CORPORATION													
PO 10905	5 I	7/26/2011	7/15/2011	2 WK UNIFORM LEASE	10.00		10.00		10.00	01			1
								01-20-2016	INSPECTION UNIFORMS				
				** VENDOR TOTALS *	10.00		10.00		10.00				
				INSPECTION	154.22		154.22		154.22				
490 A T & T													
JULY 2011	9 I	7/26/2011	7/11/2011	MONTHLY PHONE BILL	10.87		10.87		10.87	01			1
								01-21-2002	INFORMATION SYS TELEPHONE				
				** VENDOR TOTALS *	10.87		10.87		10.87				
				INFORMATION SYSTE	10.87		10.87		10.87				
490 A T & T													
JULY 2011	10 I	7/26/2011	7/11/2011	MONTHLY PHONE BILL	10.87		10.87		10.87	01			1
								01-22-2002	MEDIA SPECIALIST TELEPHONE				
				** VENDOR TOTALS *	10.87		10.87		10.87				
				MEDIA SPECIALIST	10.87		10.87		10.87				
				GENERAL FUND	12742.24		12742.24		12742.24				

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
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SEWER FUND													
10 A & E ANALYTICAL LAB INC													
1714	1 I	7/26/2011	7/08/2011	E COLI ANALYSIS	40.00		40.00		40.00	10			1
								10-30-2040	SEWER CONTRACTUAL				
1722	1 I	7/26/2011	7/15/2011	E COLI ANALYSIS	40.00		40.00		40.00	10			1
								10-30-2040	SEWER CONTRACTUAL				
				** VENDOR TOTALS *	80.00		80.00		80.00				
215 AIRGAS MID SOUTH INC													
106969771	1 I	7/26/2011	6/30/2011	CYLINDER RENTAL INVOICE	32.31		32.31		32.31	10			1
								10-30-2040	SEWER CONTRACTUAL				
				** VENDOR TOTALS *	32.31		32.31		32.31				
490 A T & T													
JULY 2011	12 I	7/26/2011	7/11/2011	MONTHLY PHONE BILL	123.51		123.51		123.51	10			1
								10-30-2002	SEWER TELEPHONE				
				** VENDOR TOTALS *	123.51		123.51		123.51				
495 AT&T MOBILITY													
JULY 2011	2 I	7/26/2011	7/12/2011	MONTHLY CELL PHONE BILL	11.02		11.02		11.02	10			1
								10-30-2002	SEWER TELEPHONE				
				** VENDOR TOTALS *	11.02		11.02		11.02				
996 CAPITAL ONE BANK N A													
JUNE 2011	15 I	7/26/2011	7/05/2011	NTL HOME CARE-SWAMP COO	67.13		67.13		67.13	10			1
								10-30-2012	SEWER MISCELLANEOUS				
	18 I			ENGINEERSUPPLY.COM-MAG MAG LOCATOR & CASE	646.24		646.24		646.24	10			1
								10-30-2012	SEWER MISCELLANEOUS				
				* INVOICE TOTALS	713.37		713.37		713.37				
				** VENDOR TOTALS *	713.37		713.37		713.37				
1781 EXPRESS SERVICES INC													
997016605	1 I	7/26/2011	7/05/2011	BILLY HERMAN-WASTEWATER	479.47		479.47		479.47	10			1
								10-30-2040	SEWER CONTRACTUAL				
997375019	1 I	7/26/2011	7/13/2011	DAVID BILSON-WASTEWATER 34.4 HR @ 12.16	418.30		418.30		418.30	10			1
								10-30-2040	SEWER CONTRACTUAL				
				** VENDOR TOTALS *	897.77		897.77		897.77				
3420 KELLY'S CORPORATE APPAREL LLC													
27338	1 I	7/26/2011	7/05/2011	UNIFORM SHIRTS & FRT	235.93		235.93		235.93	10			1
								10-30-2016	SEWER UNIFORMS				
				** VENDOR TOTALS *	235.93		235.93		235.93				
3694 LIES TRASH SERVICE													
JULY 2011	2 I	7/26/2011	7/08/2011	CITY BLDG TRASH REMOVAL	40.00		40.00		40.00	10			1
								10-30-2040	SEWER CONTRACTUAL				
	6 I			PUB WKS TRASH SERVICE	33.34		33.34		33.34	10			1
								10-30-2040	SEWER CONTRACTUAL				
				* INVOICE TOTALS	73.34		73.34		73.34				

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
** VENDOR TOTALS *					73.34		73.34		73.34				
4406 PACE ANALYTICAL SERVICES INC													
110696523	1 I	7/26/2011	7/15/2011	ANALYTICAL SAMPLES & SH	83.00		83.00		83.00	10			1
								10-30-2040	SEWER CONTRACTUAL				
** VENDOR TOTALS *					83.00		83.00		83.00				
4520 PETTY CASH													
PO#10920	15 I	7/26/2011	7/21/2011	REIMBURSE FUND	3.34		3.34		3.34	10			1
								10-30-2015	SEWER TRAINING/EDUC/TRAVEL				
** VENDOR TOTALS *					3.34		3.34		3.34				
5770 SUPERIOR COMPUTER SUPPLY INC													
207171	3 I	7/26/2011	7/07/2011	OFFICE SUPPLIES	355.25		355.25		355.25	10			1
								10-30-2004	SEWER OFFICE EXPENSE				
** VENDOR TOTALS *					355.25		355.25		355.25				
5776 SUPERIOR SERVICE COMPANY INC													
3115	1 I	7/26/2011	7/05/2011	POWER WASHER REPAIR JOB	240.24		240.24		240.24	10			1
								10-30-2006	SEWER EQUIPMENT MAINTENANCE				
** VENDOR TOTALS *					240.24		240.24		240.24				
6030 UNITED STATES POSTAL SERVICE													
JULY 2011	1 I	7/26/2011	7/19/2011	PAYMENT ON PERMIT #1	316.67		316.67		316.67	10			1
								10-30-2011	SEWER POSTAGE				
** VENDOR TOTALS *					316.67		316.67		316.67				
6135 UNIFIRST CORPORATION													
PO 10905	1 I	7/26/2011	7/15/2011	SHOP SUPPLIES & SHOP TO	24.96		24.96		24.96	10			1
								10-30-2009	SEWER MATERIALS				
	6 I			2 WK UNIFORM RENT/CLEAN	158.45		158.45		158.45	10			1
								10-30-2016	SEWER UNIFORMS				
* INVOICE TOTALS					183.41		183.41		183.41				
** VENDOR TOTALS *					183.41		183.41		183.41				
6472 WICHITA AIR FILTER SUPPLY CO													
108751	3 I	7/26/2011	6/30/2011	24-TOTAL 20X25X1 FILTER	27.92		27.92		27.92	10			1
								10-30-2009	SEWER MATERIALS				
	8 I			48-TOTAL 16X20X1 FILTER	46.24		46.24		46.24	10			1
								10-30-2009	SEWER MATERIALS				
* INVOICE TOTALS					74.16		74.16		74.16				
** VENDOR TOTALS *					74.16		74.16		74.16				
SEWER					3423.32		3423.32		3423.32				
SEWER FUND					3423.32		3423.32		3423.32				

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
-----													
WATER FUND													
4520 PETTY CASH													
PO#10920	9 I	7/26/2011	7/21/2011	REIMBURSE FUND	76.11		76.11		76.11	11			1
								11-00-5012	WATER MISCELLANEOUS				
				** VENDOR TOTALS *	76.11		76.11		76.11				
				REVENUE FUNDS	76.11		76.11		76.11				
215 AIRGAS MID SOUTH INC													
106969771	2 I	7/26/2011	6/30/2011	CYLINDER RENTAL INVOICE	32.31		32.31		32.31	11			1
								11-31-2040	WATER CONTRACTUAL				
				** VENDOR TOTALS *	32.31		32.31		32.31				
490 A T & T													
JULY 2011	13 I	7/26/2011	7/11/2011	MONTHLY PHONE BILL	123.51		123.51		123.51	11			1
								11-31-2002	WATER TELEPHONE				
				** VENDOR TOTALS *	123.51		123.51		123.51				
495 AT&T MOBILITY													
JULY 2011	3 I	7/26/2011	7/12/2011	MONTHLY CELL PHONE BILL	11.01		11.01		11.01	11			1
								11-31-2002	WATER TELEPHONE				
				** VENDOR TOTALS *	11.01		11.01		11.01				
530 AUSTIN DISTRIBUTING													
1243036	1 I	7/26/2011	7/01/2011	400' SPIRAFLEX HOSE	493.40		493.40		493.40	11			1
								11-31-2009	WATER MATERIALS				
	2 I			3 ADPT X HOSE SHANKS	23.76		23.76		23.76	11			1
								11-31-2009	WATER MATERIALS				
	3 I			3 COUPLER X HOSE SHANKS	37.15		37.15		37.15	11			1
								11-31-2009	WATER MATERIALS				
	4 I			RV DUMP REPAIR SUPPLIES	26.86		26.86		26.86	11			1
								11-31-2009	WATER MATERIALS				
				* INVOICE TOTALS	581.17		581.17		581.17				
				** VENDOR TOTALS *	581.17		581.17		581.17				
996 CAPITAL ONE BANK N A													
JUNE 2011	16 I	7/26/2011	7/05/2011	SWAMP COOLER REPAIR PAR	67.14		67.14		67.14	11			1
								11-31-2012	WATER MISCELLANEOUS				
				** VENDOR TOTALS *	67.14		67.14		67.14				
1781 EXPRESS SERVICES INC													
997016605	2 I	7/26/2011	7/05/2011	A LONG-WATER 40 HR @ 1 2.34 HR @ 18.24	529.08		529.08		529.08	11			1
								11-31-2040	WATER CONTRACTUAL				
997375019	2 I	7/26/2011	7/13/2011	AARON LONG- WATER TECH 32.38 HR @ 12.16	393.74		393.74		393.74	11			1
								11-31-2040	WATER CONTRACTUAL				
				** VENDOR TOTALS *	922.82		922.82		922.82				

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
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1860 FERGUSON ENTERPRISES INC #216													
513404	1 I	7/26/2011	7/12/2011	1.6 10 EB CLST BOWL WHI	68.60		68.60		68.60	11			1
								11-31-2009	WATER MATERIALS				
	2 I			1.5 10 ADA CLST BOWL WH	88.90		88.90		88.90	11			1
								11-31-2009	WATER MATERIALS				
	3 I			2 - BRASS SNAP BOLT SET	2.52		2.52		2.52	11			1
								11-31-2009	WATER MATERIALS				
	4 I			2 WAX RING W/HORN PEARTREE & PLAGENS PK R	2.60		2.60		2.60	11			1
								11-31-2009	WATER MATERIALS				
				* INVOICE TOTALS	162.62		162.62		162.62				
				** VENDOR TOTALS *	162.62		162.62		162.62				
3070 KANSAS DEPARTMENT OF HEALTH													
1ST QTR 11	1 I	7/26/2011	4/11/2011	ANALYTICAL SAMPLES-WATE	240.00		240.00		240.00	11			1
								11-31-2040	WATER CONTRACTUAL				
2ND QTR 11	1 I	7/26/2011	7/13/2011	ANALYTICAL SAMPLES-WATE	247.00		247.00		247.00	11			1
								11-31-2040	WATER CONTRACTUAL				
				** VENDOR TOTALS *	487.00		487.00		487.00				
3420 KELLY'S CORPORATE APPAREL LLC													
27338	2 I	7/26/2011	7/05/2011	UNIFORM SHIRTS & FRT	235.93		235.93		235.93	11			1
								11-31-2016	WATER UNIFORMS				
				** VENDOR TOTALS *	235.93		235.93		235.93				
3694 LIES TRASH SERVICE													
JULY 2011	3 I	7/26/2011	7/08/2011	CITY BLDG TRASH REMOVAL	40.00		40.00		40.00	11			1
								11-31-2040	WATER CONTRACTUAL				
	7 I			PUB WKS TRASH SERVICE	33.33		33.33		33.33	11			1
								11-31-2040	WATER CONTRACTUAL				
				* INVOICE TOTALS	73.33		73.33		73.33				
				** VENDOR TOTALS *	73.33		73.33		73.33				
4520 PETTY CASH													
PO#10920	16 I	7/26/2011	7/21/2011	REIMBURSE FUND	28.33		28.33		28.33	11			1
								11-31-2015	WATER TRAINING/EDUC/TRAVEL				
				** VENDOR TOTALS *	28.33		28.33		28.33				
4943 RAND GRAPHICS INC													
158297	1 I	7/26/2011	6/29/2011	PRINT WATER QUALITY RE CCR 2010	514.00		514.00		514.00	11			1
								11-31-2040	WATER CONTRACTUAL				
	2 I			AFFIX MAILING SEALS	250.00		250.00		250.00	11			1
								11-31-2040	WATER CONTRACTUAL				
				* INVOICE TOTALS	764.00		764.00		764.00				
				** VENDOR TOTALS *	764.00		764.00		764.00				
5770 SUPERIOR COMPUTER SUPPLY INC													
207171	4 I	7/26/2011	7/07/2011	OFFICE SUPPLIES	103.43		103.43		103.43	11			1
								11-31-2004	WATER OFFICE EXPENSE				
				** VENDOR TOTALS *	103.43		103.43		103.43				

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
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5776 SUPERIOR SERVICE COMPANY INC													
3115	2 I	7/26/2011	7/05/2011	POWER WASHER REPAIR JOB LABOR, PARTS, CLEANING	240.25		240.25		240.25	11			1
								11-31-2006	WATER EQUIPMENT MAINTENANCE				
				** VENDOR TOTALS *	240.25		240.25		240.25				
6030 UNITED STATES POSTAL SERVICE													
JULY 2011	2 I	7/26/2011	7/19/2011	WATER BILL MAILING ACCO	633.33		633.33		633.33	11			1
								11-31-2011	WATER POSTAGE				
				** VENDOR TOTALS *	633.33		633.33		633.33				
6135 UNIFIRST CORPORATION													
PO 10905	2 I	7/26/2011	7/15/2011	SHOP SUPPLIES & SHOP TO	24.97		24.97		24.97	11			1
								11-31-2009	WATER MATERIALS				
	7 I			2 WK UNIFORM RENT/CLEAN	158.49		158.49		158.49	11			1
								11-31-2016	WATER UNIFORMS				
				* INVOICE TOTALS	183.46		183.46		183.46				
				** VENDOR TOTALS *	183.46		183.46		183.46				
6472 WICHITA AIR FILTER SUPPLY CO													
108751	4 I	7/26/2011	6/30/2011	24-TOTAL 20X25X1 FILTER	27.92		27.92		27.92	11			1
								11-31-2009	WATER MATERIALS				
	9 I			48-TOTAL 16X20X1 FILTER	46.24		46.24		46.24	11			1
								11-31-2009	WATER MATERIALS				
				* INVOICE TOTALS	74.16		74.16		74.16				
				** VENDOR TOTALS *	74.16		74.16		74.16				
				WATER	4723.80		4723.80		4723.80				
				WATER FUND	4799.91		4799.91		4799.91				

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
-----													
MUNICIPAL POOL													
4520 PETTY CASH													
PO#10920	10 I	7/26/2011	7/21/2011	REIMBURSE FUND	550.00		550.00		550.00	12			1
								12-00-5016	MUN POOL RENTALS				
	11 I			REIMBURSE FUND	25.00		25.00		25.00	12			1
								12-00-5042	MUN POOL SWIMMING LESSONS				
				* INVOICE TOTALS	575.00		575.00		575.00				
				** VENDOR TOTALS *	575.00		575.00		575.00				
				REVENUE FUNDS	575.00		575.00		575.00				
490 A T & T													
JULY 2011	17 I	7/26/2011	7/11/2011	SEASONAL PHONE BILL	54.42		54.42		54.42	12			1
								12-32-2002	MUNICIPAL POOL TELEPHONE				
				** VENDOR TOTALS *	54.42		54.42		54.42				
836 BRENNTAG SOUTHWEST INC													
BSW267264	1 I	7/26/2011	7/19/2011	1350 LBS CHLORINES @ .6 9 - 150# CYLINDERS	915.30		915.30		915.30	12			1
								12-32-2009	MUNICIPAL POOL MATERIALS				
	2 I			FUEL SURCHARGE	75.00		75.00		75.00	12			1
								12-32-2009	MUNICIPAL POOL MATERIALS				
	3 I			SECURITY/INSURANCE	25.00		25.00		25.00	12			1
								12-32-2009	MUNICIPAL POOL MATERIALS				
				* INVOICE TOTALS	1015.30		1015.30		1015.30				
				** VENDOR TOTALS *	1015.30		1015.30		1015.30				
996 CAPITAL ONE BANK N A													
JUNE 2011	9 I	7/26/2011	7/05/2011	RADIOSHACK-PHONE, CABLE	147.47		147.47		147.47	12			1
								12-32-2004	MUN POOL OFFICE EXPENSE				
				** VENDOR TOTALS *	147.47		147.47		147.47				
2500 HAC INC													
PO 10903	3 I	7/26/2011	7/15/2011	HOT DOG BUNS, FROZEN TR	241.03		241.03		241.03	12			1
								12-32-2031	MUNICIPAL POOL CONCESSIONS				
				** VENDOR TOTALS *	241.03		241.03		241.03				
3694 LIES TRASH SERVICE													
JULY 2011	12 I	7/26/2011	7/08/2011	POOL TRASH SERVICE	160.00		160.00		160.00	12			1
								12-32-2003	MUNICIPAL POOL UTILITIES				
				** VENDOR TOTALS *	160.00		160.00		160.00				
6275 VORTEX													
12096	1 I	7/26/2011	7/05/2011	4" ACTIVATION CAP-UHMWP	203.77		203.77		203.77	12			1
								12-32-2006	MUNICIPAL POOL EQUIPMENT MAINT				
	2 I			FREIGHT	40.00		40.00		40.00	12			1
								12-32-2006	MUNICIPAL POOL EQUIPMENT MAINT				
				* INVOICE TOTALS	243.77		243.77		243.77				

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Fri Jul 22, 2011 10:35 AM

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City of Haysville  
SCHEDULED CLAIMS LIST

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OPER: DMH

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INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
-----													
				** VENDOR TOTALS *	243.77		243.77		243.77				
				MUNICIPAL POOL	1861.99		1861.99		1861.99				
				MUNICIPAL POOL	2436.99		2436.99		2436.99				

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City of Haysville  
SCHEDULED CLAIMS LIST

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INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
-----													
STORMWATER SEWER													
6135 UNIFIRST CORPORATION													
PO 10905	8 I	7/26/2011	7/15/2011	2 WK UNIFORM RENT/CLEAN	36.89		36.89		36.89	14			1
						14-34-2012			STORMWATER MISCELLANEOUS				
** VENDOR TOTALS *					36.89		36.89		36.89				
STORMWATER DEPART					36.89		36.89		36.89				
STORMWATER SEWER					36.89		36.89		36.89				

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
-----													
STREET FUND													
215 AIRGAS MID SOUTH INC													
106969771	3 I	7/26/2011	6/30/2011	CYLINDER RENTAL INVOICE	32.31		32.31		32.31	21			1
								21-41-2040	STREET CONTRACTUAL				
				** VENDOR TOTALS *	32.31		32.31		32.31				
490 A T & T													
JULY 2011	14 I	7/26/2011	7/11/2011	MONTHLY PHONE BILL	69.14		69.14		69.14	21			1
								21-41-2002	STREET TELEPHONE				
				** VENDOR TOTALS *	69.14		69.14		69.14				
495 AT&T MOBILITY													
JULY 2011	4 I	7/26/2011	7/12/2011	MONTHLY CELL PHONE BILL	11.01		11.01		11.01	21			1
								21-41-2002	STREET TELEPHONE				
				** VENDOR TOTALS *	11.01		11.01		11.01				
996 CAPITAL ONE BANK N A													
JUNE 2011	14 I	7/26/2011	7/05/2011	AMAZON.COM-STREET STDS	47.00		47.00		47.00	21			1
								21-41-2015	STREET TRAINING/EDUC/TRAVEL				
	17 I			MYLAMPARTS.COM-BIKE PA	105.67		105.67		105.67	21			1
								21-41-2009	STREET MATERIALS				
				* INVOICE TOTALS	152.67		152.67		152.67				
				** VENDOR TOTALS *	152.67		152.67		152.67				
2844 JOHN DEERE FINANCIAL													
412672	1 I	7/26/2011	6/08/2011	ARM - 1518 BATWING MOWE	190.00		190.00		190.00	21			1
								21-41-2006	STREET EQUIPMENT MAINTENANCE				
	2 I			FREIGHT ON ARM	61.21		61.21		61.21	21			1
								21-41-2006	STREET EQUIPMENT MAINTENANCE				
	3 I			LOCK NUTS, BOLTS & WASH	14.20		14.20		14.20	21			1
								21-41-2006	STREET EQUIPMENT MAINTENANCE				
				* INVOICE TOTALS	265.41		265.41		265.41				
				** VENDOR TOTALS *	265.41		265.41		265.41				
3300 KANSAS PAVING INC													
10058145	1 I	7/26/2011	6/30/2011	3.01 TONS UPM COLD PATC @ 135.00 / TON	406.35		406.35		406.35	21			1
								21-41-2009	STREET MATERIALS				
				** VENDOR TOTALS *	406.35		406.35		406.35				
3694 LIES TRASH SERVICE													
JULY 2011	8 I	7/26/2011	7/08/2011	PUB WKS TRASH SERVICE	33.33		33.33		33.33	21			1
								21-41-2040	STREET CONTRACTUAL				
				** VENDOR TOTALS *	33.33		33.33		33.33				
4520 PETTY CASH													
PO#10920	17 I	7/26/2011	7/21/2011	REIMBURSE FUND	11.94		11.94		11.94	21			1
								21-41-2006	STREET EQUIPMENT MAINTENANCE				
	18 I			REIMBURSE FUND	3.33		3.33		3.33	21			1
								21-41-2015	STREET TRAINING/EDUC/TRAVEL				
				* INVOICE TOTALS	15.27		15.27		15.27				

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
** VENDOR TOTALS *					15.27		15.27		15.27				
5883 TENNANT SALES & SERVICE CO													
910443604	1 I	7/26/2011	7/05/2011	WAND WLDT VACUUM 42.0	543.60		543.60		543.60	21			1
								21-41-2006	STREET EQUIPMENT MAINTENANCE				
	2 I			RETAINER	6.10		6.10		6.10	21			1
								21-41-2006	STREET EQUIPMENT MAINTENANCE				
	3 I			SWEEP BRUSH 51L PYP	524.79		524.79		524.79	21			1
								21-41-2006	STREET EQUIPMENT MAINTENANCE				
	4 I			DISK SWEEP BRUSH 38 OD	245.25		245.25		245.25	21			1
								21-41-2006	STREET EQUIPMENT MAINTENANCE				
	5 I			DISK SWEEP BRUSH 32 OD	313.02		313.02		313.02	21			1
								21-41-2006	STREET EQUIPMENT MAINTENANCE				
				* INVOICE TOTALS	1632.76		1632.76		1632.76				
910443605 1 I 7/26/2011 7/05/2011 2-SEAL BULB 90 12FT STREET SWEEPER PARTS													
								21-41-2006	STREET EQUIPMENT MAINTENANCE				
** VENDOR TOTALS *					1816.56		1816.56		1816.56				
6135 UNIFIRST CORPORATION													
PO 10905	3 I	7/26/2011	7/15/2011	SHOP SUPPLIES & SHOP TO	24.97		24.97		24.97	21			1
								21-41-2009	STREET MATERIALS				
	9 I			2 WK UNIFORM RENT/CLEAN	98.85		98.85		98.85	21			1
								21-41-2016	STREET UNIFORMS				
				* INVOICE TOTALS	123.82		123.82		123.82				
** VENDOR TOTALS *					123.82		123.82		123.82				
6472 WICHITA AIR FILTER SUPPLY CO													
108751	5 I	7/26/2011	6/30/2011	24-TOTAL 20X25X1 FILTER	27.92		27.92		27.92	21			1
								21-41-2009	STREET MATERIALS				
	10 I			48-TOTAL 16X20X1 FILTER STOCK AIR FILTER SUPPLY	46.24		46.24		46.24	21			1
								21-41-2009	STREET MATERIALS				
				* INVOICE TOTALS	74.16		74.16		74.16				
** VENDOR TOTALS *					74.16		74.16		74.16				
				STREET	3000.03		3000.03		3000.03				
				STREET FUND	3000.03		3000.03		3000.03				

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
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LAW ENFORCEMENT FUND													
4520 PETTY CASH													
PO#10920	19	I	7/26/2011	7/21/2011	REIMBURSE FUND	294.20		294.20	294.20	24			1
							24-44-2031		LAW ENF VENDING MACHINE EXPENS				
** VENDOR TOTALS *					294.20		294.20		294.20				
LAW ENFORCEMENT					294.20		294.20		294.20				
LAW ENFORCEMENT F					294.20		294.20		294.20				

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
RECREATION DEPARTMENT													
4520 PETTY CASH													
PO#10920	12	I	7/26/2011	7/21/2011	REIMBURSE FUND	10.00		10.00	10.00	30			1
								30-00-5077	RECREATION DEPT	PROGRAMS			
	13	I			REIMBURSE FUND	50.00		50.00	50.00	30			1
								30-00-5078	RECREATION DEPT	MISCELLANEOUS			
					* INVOICE TOTALS	60.00		60.00	60.00				
					** VENDOR TOTALS *	60.00		60.00	60.00				
					REVENUE FUNDS	60.00		60.00	60.00				
100 AMSAN													
248606394	1	I	7/26/2011	7/15/2011	4 CS HARD ROLL TOWELS	187.60		187.60	187.60	30			1
								30-50-2009	RECREATION DEPT	MATERIALS			
	2	I			1 CS BATH ROOM TISSUE	48.06		48.06	48.06	30			1
								30-50-2009	RECREATION DEPT	MATERIALS			
					* INVOICE TOTALS	235.66		235.66	235.66				
					** VENDOR TOTALS *	235.66		235.66	235.66				
195 A-FORD-ABLE-LOCKSMITHING INC													
110442	1	I	7/26/2011	7/12/2011	4-MASTER PADLOCKS #3 @	43.96		43.96	43.96	30			1
								30-50-2046	RECREATION DEPT	P-C SPORTS COM			
					** VENDOR TOTALS *	43.96		43.96	43.96				
490 A T & T													
JULY 2011	15	I	7/26/2011	7/11/2011	MONTHLY PHONE BILL	141.17		141.17	141.17	30			1
								30-50-2002	RECREATION DEPT	TELEPHONE			
					** VENDOR TOTALS *	141.17		141.17	141.17				
495 AT&T MOBILITY													
JULY 2011	1	I	7/26/2011	7/12/2011	MONTHLY CELL PHONE BILL	61.15		61.15	61.15	30			1
								30-50-2094	RECREATION DEPT	LATCHKEY PROG			
					** VENDOR TOTALS *	61.15		61.15	61.15				
635 BANK OF NEW YORK MELLON TRUST													
PO 10884	1	I	7/26/2011	7/15/2011	PRINCIPAL-2007 COPS	55000.00		55000.00	55000.00	30			1
								30-50-3023	RECREATION DEPT	COP PAYMENTS			
	2	I			INTEREST- TAS #698890	9387.50		9387.50	9387.50	30			1
								30-50-3023	RECREATION DEPT	COP PAYMENTS			
					* INVOICE TOTALS	64387.50		64387.50	64387.50				
					** VENDOR TOTALS *	64387.50		64387.50	64387.50				
996 CAPITAL ONE BANK N A													
JUNE 2011	4	I	7/26/2011	7/05/2011	CHILDCARE ASSOC-LK TRAI	216.00		216.00	216.00	30			1
								30-50-2094	RECREATION DEPT	LATCHKEY PROG			
	5	I			POWER SYSTEMS-WEIGHT EQ	218.52		218.52	218.52	30			1
								30-50-2006	RECREATION DEPT	EQUIP MAINT			
	7	I			TANGANIK PARK-ADMISSIO	354.00		354.00	354.00	30			1



INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
					30-50-3065		RECREATION DEPT P-C UTILITIES						
* INVOICE TOTALS					210.00		210.00		210.00				
** VENDOR TOTALS *					210.00		210.00		210.00				
4070 MICHAEL L WATSON													
42778	1 I	7/26/2011	7/01/2011	DIAGNOSTIC-OFFICE A/C U CHECKED & RESET ALL SYS	69.00		69.00		69.00	30			1
					30-50-2025		RECREATION DEPT BLDG MAINT						
** VENDOR TOTALS *					69.00		69.00		69.00				
4348 NEW MARKET HEALTH CARE LLC													
134492	1 I	7/26/2011	7/10/2011	J CLARK PRE-EMPLOYMENT	47.50		47.50		47.50	30			1
					30-50-2092		RECREATION DEPT PROGRAMS						
** VENDOR TOTALS *					47.50		47.50		47.50				
4520 PETTY CASH													
PO#10920	20 I	7/26/2011	7/21/2011	REIMBURSE FUND	10.00		10.00		10.00	30			1
					30-50-2015		RECREATION DEPT TRG/EDUC/DUES						
	21 I			REIMBURSE FUND	440.00		440.00		440.00	30			1
					30-50-2092		RECREATION DEPT PROGRAMS						
	22 I			REIMBURSE FUND	364.40		364.40		364.40	30			1
					30-50-2094		RECREATION DEPT LATCHKEY PROG						
* INVOICE TOTALS					814.40		814.40		814.40				
** VENDOR TOTALS *					814.40		814.40		814.40				
5441 SIGNATURE PEST CONTROL													
25865	1 I	7/26/2011	7/15/2011	INSECT CONTROL TREATMEN @ ACTIVITY CENTER	50.00		50.00		50.00	30			1
					30-50-2025		RECREATION DEPT BLDG MAINT						
** VENDOR TOTALS *					50.00		50.00		50.00				
6300 WAL-MART COMMUNITY/GEMB													
JULY 2011	2 I	7/26/2011	7/16/2011	PROGRAM SUPPLIES	202.46		202.46		202.46	30			1
					30-50-2092		RECREATION DEPT PROGRAMS						
** VENDOR TOTALS *					202.46		202.46		202.46				
RECREATION DEPART					68056.12		68056.12		68056.12				
RECREATION DEPART					68116.12		68116.12		68116.12				

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
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HAYSVILLE HISTORICAL FUND													
4520 PETTY CASH													
PO#10920	14	I	7/26/2011	7/21/2011	REIMBURSE FUND	30.00		30.00	30.00	32			1
								32-00-5012					
					** VENDOR TOTALS *	30.00		30.00	30.00				
					REVENUE FUNDS	30.00		30.00	30.00				
2500 HAC INC													
PO 10903	7	I	7/26/2011	7/15/2011	MISC GROCERIES	6.92		6.92	6.92	32			1
								32-52-2012					
					** VENDOR TOTALS *	6.92		6.92	6.92				
4520 PETTY CASH													
PO#10920	23	I	7/26/2011	7/21/2011	REIMBURSE FUND	204.00		204.00	204.00	32			1
								32-52-2012					
					** VENDOR TOTALS *	204.00		204.00	204.00				
					HAYSVILLE HISTORI	210.92		210.92	210.92				
					HAYSVILLE HISTORI	240.92		240.92	240.92				

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHK	CK SQ
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CAPITAL IMPROVEMENTS													
2065 SABRINA GLATT													
AUG 2011	1 I	7/26/2011	7/18/2011	240 S MAIN LEASE/PURCHA	830.00		830.00		830.00	36			1
								36-56-3001	CAP IMPR MISCELLANEOUS PROJECT				
				** VENDOR TOTALS *	830.00		830.00		830.00				
4520 PETTY CASH													
PO#10920	24 I	7/26/2011	7/21/2011	REIMBURSE FUND	184.08		184.08		184.08	36			1
								36-56-3001	CAP IMPR MISCELLANEOUS PROJECT				
				** VENDOR TOTALS *	184.08		184.08		184.08				
				CAPITAL IMPROVEME	1014.08		1014.08		1014.08				
				CAPITAL IMPROVEME	1014.08		1014.08		1014.08				

INVOICE#/LN	TY	DUE DATE	INV DATE	REFERENCE	GROSS	DISCOUNT	NET	DISCOUNT TAKEN	PAYMENT AMOUNT	DIST	MAN	CHCK	CK SQ
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SPECIAL PARK IMPR RESERVE													
1100 CENTRAL KEY & SAFE INC													
46401	1 I	7/26/2011	6/09/2011	10 MASTER PADLOCKS #1 @ RE: DISC GOLF	124.00		124.00		124.00	51			1
								51-00-2001	SPECIAL PARK IMP RES PRIOR YR				
				** VENDOR TOTALS *	124.00		124.00		124.00				
				REVENUE FUNDS	124.00		124.00		124.00				
996 CAPITAL ONE BANK N A													
JUNE 2011	1 I	7/26/2011	7/05/2011	DISC GOLF MACH V & FRT	409.07		409.07		409.07	51			1
								51-66-3005	SP PARK IMPR RES FIREWORKS EXP				
				** VENDOR TOTALS *	409.07		409.07		409.07				
				RESERVE/PROJECT F	409.07		409.07		409.07				
				SPECIAL PARK IMPR	533.07		533.07		533.07				
				BANK TOTALS	96637.77		96637.77		96637.77				
				TOTAL MANUAL CHECKS					.00				
				TOTAL E-PAYMENTS					.00				
				TOTAL PURCH CARDS					.00				
				TOTAL OPEN PAYMENTS					96637.77				
				GRAND TOTALS	96637.77		96637.77		96637.77				

CK #	DATE	PAYEE	DESCRIPTION	DEPARTMENT	AMOUNT
42531	06/01/11	Dollar General	Reconciling Item	Recreation - Latchkey	0.15
42616	07/06/11	VOID CHECK - Cynthia DeRee	Refund of Pool Rental Deposit - Rcpt. #9325	Pool Revenue - Rentals	(50.00)
42619	07/07/11	Wellington Family Aquatic Center	Latchkey Admissions	Recreation - Latchkey	117.00
42620	07/08/11	Sheri Giles	Refund of Pool Rental Deposit - Rcpt. #9498	Pool Revenue - Rentals	50.00
42621	07/11/11	Murdock Companies	Part for 6610 Mower - Inv. #158621-00	Street - Equipment Maintenance	11.94
42622	07/12/11	Larry Farmer	Refund Farmer Market Fee Due to Conflict - Rcpt. #41303	Historic Revenue - Miscellaneous	30.00
42623	07/12/11	Tammy McCarty	Refund of Pool Rental Deposit - Rcpt. #9383	Pool Revenue - Rentals	50.00
42624	07/12/11	Richard Bowles	Refund of Pool Rental Deposit - Rcpt. #9026	Pool Revenue - Rentals	50.00
42625	07/12/11	Rachel Butts	Refund of Pool Rental Deposit - Rcpt. #9153	Pool Revenue - Rentals	50.00
42626	07/12/11	Jeff Zimmerman	Refund Fee Due to Cancellation - Rcpt. #9232	Pool Revenue - Swim Lessons	25.00
42627	07/12/11	Melisa Shetlar	Refund of Pool Rental Deposit - Rcpts. #9054 & 9562	Pool Revenue - Rentals	50.00
42628	07/12/11	Renee Humbolt	Refund of Pool Rental Deposit - Rcpts. #9038 & 9531	Pool Revenue - Rentals	50.00
42629	07/12/11	Prichard Animal Hospital	Refund Payment for City Dog Tags	General Rev. - Animal Licenses	20.00
42630	07/13/11	Galls	Uniforms & Equipment - Inv. #510702007	Police - Uniforms & Equipment	12.99
42631	07/13/11	Brian Bloyd	Refund of Overpayment on Final Bill	Water Revenue - Miscellaneous	76.11
42632	07/13/11	Bill Green	Horse Rides on June 18 & July 9 at Hometown Market	Historic - Miscellaneous	70.00
42633	07/13/11	Joetta Branch	Face Painting at Hometown Market	Historic - Miscellaneous	20.00
42634	07/13/11	Haysville Heat	Baseball Camp July 5th through 7th	Recreation - Programs	440.00
42635	07/14/11	Kaufman Museum	Latchkey Admissions	Recreation - Latchkey	58.00
42636	07/14/11	Newton Swimming Pool	Latchkey Admissions	Recreation - Latchkey	119.25
42637	07/15/11	Sam's Club	Cleaning Supplies and Vending Machine Product	Police - Miscellaneous	38.80
				Bldg. & Grounds - Materials	43.38
				LE - Vending Machine	294.20
42638	07/15/11	SG County Treasurer	2009/2010 Taxes for Property South of WW Treatment Facility	Capital Impr. - Miscellaneous	184.08
42639	07/15/11	Mary Ellen Shockey	Refund Deposit on Comm. Bldg. Rental 7/3 - Rcpt. #86057	General Revenue - Bldg. Rentals	50.00
42640	07/15/11	Tess Haws	Refund Deposit on Comm. Bldg. Rental 7/9 - Rcpt. #85548	General Revenue - Bldg. Rentals	50.00
42641	07/18/11	David Caldwell	Refund Deposit on Comm. Bldg. Rental 6/4 - Rcpt. #85290	General Revenue - Bldg. Rentals	50.00
42642	07/18/11	Signs & Design	Signs for Historic District	Historic - Miscellaneous	114.00
42643	07/18/11	April Stowe	Refund Deposit on HAC Rental - Rcpt. #41042	Recreation Revenue - Misc.	50.00
42644	07/19/11	KDHE	Class II Water Operator Exam Fee for Levi McMillan	Water - Training/Educ/Travel	25.00
42645	07/19/11	Kathleen Grado	Refund Fee Due to Cancellation - Rcpt. #42060	Recreation - Programs	10.00
42646	07/20/11	Trinda Allee	Refund Lion's Shelter Rental Fee - Rcpt. #86730	General Revenue - Miscellaneous	35.00
42647	07/20/11	Zabrina Mireles	Refund Deposit on Comm. Bldg. Rental 7/17 - Rcpt. #86775	General Revenue - Bldg. Rentals	50.00
42648	07/21/11	Haysville Chamber of Commerce	Chamber Lunch	City Clerk - Training/Educ/Travel	10.00
				Sr. Ctr. - Training/Educ/Travel	10.00
				Wastewater - Training/Educ/Travel	3.34
				Water - Training/Educ/Travel	3.33
				Street - Training/Educ/Travel	3.33
				Recreation - Training/Educ/Dues	10.00
42649	07/21/11	Chris Cheatham	Refund of Pool Rental Deposit - Rcpt. #9383	Pool Revenue - Rentals	50.00
42650	07/21/11	Jennifer Bush	Refund of Pool Rental Deposit - Rcpt. #9035	Pool Revenue - Rentals	50.00
42651	07/21/11	Melissa Sanchez	Refund of Pool Rental Deposit - Rcpt. #9333	Pool Revenue - Rentals	50.00
42652	07/21/11	Aubrey Gabbard	Refund of Pool Rental Deposit - Rcpt. #9036	Pool Revenue - Rentals	50.00

CK #	DATE	PAYEE	DESCRIPTION	DEPARTMENT	AMOUNT
42653	07/21/11	Richelle Walker	Refund of Pool Rental Deposit - Rcpt. #9039	Pool Revenue - Rentals	50.00
42654	07/21/11	Machaelle Shetlar	Refund of Pool Rental Deposit - Rcpt. #9241	Pool Revenue - Rentals	50.00
42655	07/21/11	Sedgwick County Zoo	Outreach Program on 07/26/11	Recreation - Latchkey	70.00
				<b>TOTAL CHECKS WRITTEN</b>	<b>2,654.90</b>

No Supporting Documents