



INVER GROVE HEIGHTS CITY COUNCIL AGENDA
MONDAY, OCTOBER 22, 2012
8150 BARBARA AVENUE
7:00 P.M.

1. CALL TO ORDER
2. ROLL CALL
3. PRESENTATIONS

A. Future of our Parks – Parks and Recreation System Plan

4. CONSENT AGENDA – All items on the Consent Agenda are considered routine and have been made available to the City Council at least two days prior to the meeting; the items will be enacted in one motion. There will be no separate discussion of these items unless a Council member or citizen so requests, in which event the item will be removed from this Agenda and considered in normal sequence.

A. i) Minutes – October 8, 2012 Council Work Session _____
ii) Minutes – October 8, 2012 Regular Council Meeting _____

B. Resolution Approving Disbursements for Period Ending October 17, 2012 _____

C. Approve Revised Master Plan for Heritage Village Park _____

D. Certification of Delinquent Utility Bills _____

E. Change Order No. 3 and Pay Voucher No. 5 for City Project No. 2012–09D, Urban Street Reconstruction, 65th Street Neighborhood and Cahill Court _____

F. Approve Concept Plan and Resolution for MRRT Trailhead Facility _____

G. Resolution Adopting Northwest Area Collector Street System Study Report _____

H. Dakota County’s 2013–2017 Capital Improvement Program _____

I. Resolution Approving Assessment Against Dakota County Tax Parcel No. 20–01700–07–120 with Respect to City’s Local Improvement Project to Abate Cesspool Nuisance on Property Owned by David D. Lethert and Margaret P. Lethert _____

J. Approval of Railing for Overlook Stairs _____

K. Approve 2013 Park & Recreation Fees _____

L. Resolution Approving Dakota County 2013 Community Funding Application for Waste Abatement Activities _____

M. Schedule Public Hearing – 2013 Liquor License Renewals _____

N. Approve Temporary 3.2 Liquor License – Inver Hills Community College _____

O. Schedule Special Council Meeting (11/9/12 – Canvassing) _____

P. Schedule Public Hearing – 2013 Fees _____

Q. Accept Resignation of Parks and Recreation Advisory Commissioner _____

R. Personnel Actions _____

S. Approve Purchase of 2013 Ford FPI Utility

5. **PUBLIC COMMENT:** Public comment provides an opportunity for the public to address the Council on items that are not on the Agenda. Comments will be limited to three (3) minutes per person.

6. **PUBLIC HEARINGS:**

A. **CITY OF INVER GROVE HEIGHTS;** Public Hearing for Special Assessments for 2012
Nuisance Abatement _____

7. **REGULAR AGENDA:**

COMMUNITY DEVELOPMENT:

A. **BITUMINOUS ROADWAYS;** Consider the following resolutions for property located at
11201 Rich Valley Boulevard:

- i) An Ordinance Amendment for the Renewal of a Five Year Sand and Gravel Overlay Permit _____
- ii) A Conditional Use Permit Amendment for the Mining and Processing of Sand and Gravel and to Operate an Asphalt Plant and Contractors Yard with Open Storage _____

ADMINISTRATION:

B. **CITY OF INVER GROVE HEIGHTS;** Consider First Reading of an Ordinance Amending City Code Title 3, Chapter 4, Sections 3-4-2-2 and 3-4-2-3 and 10-3-8 Adjusting Development Fees _____

8. **MAYOR & COUNCIL COMMENTS:**

9. **ADJOURN**

*This document is available upon 3 business day request in alternate formats such as Braille, large print, audio recording, etc. Please contact Melissa Kennedy at 651.450.2513 or mkennedy@invergroveheights.org

CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

Future of Our Parks – Park & Recreation System Plan

Meeting Date: October 22, 2012
 Item Type: Presentations
 Contact: Eric Carlson – 651.450.2587
 Prepared by: Eric Carlson
 Reviewed by: Mark Borgwardt
 Tracy Petersen
 Bethany Adams

Fiscal/FTE Impact:	
<input checked="" type="checkbox"/>	None
<input type="checkbox"/>	Amount included in current budget
<input type="checkbox"/>	Budget amendment requested
<input type="checkbox"/>	FTE included in current complement
<input type="checkbox"/>	New FTE requested – N/A
<input type="checkbox"/>	Other

PURPOSE/ACTION REQUESTED

The Council and Community will be provided an update regarding the Future of Our Parks – Parks & Recreation System Plan in an effort to keep the Council and Community engaged in the process and knowledgeable about opportunities to provide input and ideas about what the future of our parks will be. The review of the system does not include Inver Wood or the VMCC/Grove.

SUMMARY

In August 2012 the Council hired HKGI to help lead the process to update our Park and Recreation System Plan.

We hosted a public open house on Tuesday, October 16th from 6:30pm – 8:30pm at the Veterans Memorial Community Center. There were approximately 20 residents that attended. The presentation and other materials used at the Open House will be posted on our website.

An on-line survey that asks residents a number of questions about how they use and access the system is available to anyone that choosing to access it. Please visit the City’s website at www.invergroveheights.org and navigate to the Parks and Recreation page to take the survey. To date we have had in excess of 400 surveys completed on-line.

If you know of a group that you think would benefit from a presentation of information about the park system please contact Eric Carlson at 651.450.2587 for more information.

Some key points about our park and recreation system include:

- We have approximately \$11,500,000 worth of capital improvements in the existing park system
- The current budget includes funding for the Park Maintenance Fund (Fund 444) of \$150,000 from the General Fund and \$25,000 from the Host Community Fund and Closed Bond Fund respectively for a total of \$200,000
- To fully fund the existing capital needs of the existing system we should be setting aside on average approximately \$510,000 annually
- To fully fund the difference the average household would need to pay \$22 more per year to fully fund the existing capital needs of the system

**INVER GROVE HEIGHTS CITY COUNCIL STUDY SESSION
MONDAY, OCTOBER 8, 2012 – 8150 BARBARA AVENUE**

1. CALL TO ORDER The City Council of Inver Grove Heights met in study session on Monday, October 8, 2012, in the City Hall Lower Level Training Room. Mayor Tourville called the meeting to order at 5:30 p.m. Present were Council members Grannis, Klein, Madden and Piekarski Krech; City Administrator Lynch, Assistant City Administrator Teppen, Parks & Recreation Director Carlson, Community Development Director Link, Public Works Director Thureen, and Deputy Clerk Kennedy.

2. 2013 BUDGET – UTILITIES & INTERNAL SERVICE FUNDS

Mr. Thureen provided an overview of the utility funds, including the Storm Water, Sewer, and Water funds. He noted the storm water fund's full year budget for 2013 was the amount that was pulled out of the general fund to implement the storm water utility. The Water Fund budget essentially stayed the same as what was budgeted in 2012, with a few minor adjustments due to fees that are paid to other cities because Inver Grove Heights residents are connected to their systems. Adjustments were also made to account for the new well and increased use in the Northwest Area. The Sewer Fund budget increased in large part because of increased MCES fees. The line item for maintenance projects and repairs also increased because of plans to replace the River Road lift station.

Jim Sweeney, Utilities Superintendent, noted the existing River Road lift station was installed in 1969 and is in need of replacement.

Mr. Thureen explained the City's financial consultants recommended that water rates be increased annually by 2%, a reduction from the typical 2.5% increase. Sewer rates were recommended to be increased by 6% for 2013 versus the typical 3.0% increase because of the rising Met Council charges.

Councilmember Piekarski Krech questioned how the sewer rate increases would affect the average bill. She stated the City cannot continue to subsidize the rate increases from Met Council.

Mr. Lynch reviewed the internal service funds. He noted department allocations for the Central Stores fund were decreased. Allocations for the Technology fund were increased to support the new technology that was installed as part of the City Hall project.

3. REVIEW RESULTS OF SURVEY FOR OLDER ADULTS

Tracy Petersen, Recreation Superintendent, explained in March the Council authorized the National Research Center to conduct a Community Survey of Older Adults. The survey was completed in conjunction with Independent School District #199 and was intended to provide information regarding the current and future needs of older adults living in the City. She stated the survey was mailed to a random selection of 1,000 older adult households in Inver Grove Heights and 365 completed surveys were returned, resulting in an overall response rate of 30%. She explained 9 in 10 older adults rated the City as a good place to live and the overall quality of life as excellent or good, while $\frac{3}{4}$ indicated that the City would be an excellent or good place to retire. Over half of the respondents opposed a hypothetical new stand alone senior center if property taxes were used to fund its construction and operation. The availability of financial and legal planning services and employment opportunities were rated much lower than in other communities across the nation and, on average, older adults reported at least minor problems with finding work in retirement, building skills for work, having enough money to meet daily expenses and pay property taxes. 70% of respondents indicated minor problems with feeling like their voices were heard in the community. She identified possible areas of concern and potential areas of improvement that could be focused on. She suggested that a resource directory could be developed to address the issues that were reported pertaining to a lack of information and resources in the City. Another idea presented was the implementation of community dialogue sessions to provide an opportunity to meet with groups of older adults and baby boomers to engage them in conversations about the community and provide an opportunity for their opinions and ideas to be discussed. She explained the City could also consider a joint print and social media campaign with the school district to promote the programs and services available in the City.

Mayor Tourville questioned if the response rate was low.

Ms. Petersen stated the National Research Center indicated that the response rate was within the normal range.

Councilmember Madden stated the cost of survey was too high given the response rate. He opined that many of the areas of concern identified in the survey were not necessarily functions of City government.

Ms. Petersen explained it would be up to the Council to decide how to use the information collected from the survey and determine if any of the identified needs were within the City's purview.

Councilmember Piekarski Krech stated some of the responses seemed to be contradictory to one another. She questioned what the age range was of respondents.

Ms. Petersen stated the survey was administered to adults 55 years of age or older. She provided a breakdown of the respondents by age range.

Councilmember Piekarski Krech stated that the age range was extremely large and could account for some of the varied responses. She noted that citizens who are not engaged and who do not want to be engaged will not be able to find the information they are looking for. She commented that she would like to see how the responses for Inver Grove Heights compared to those in other Minnesota cities.

The meeting was adjourned at 6:30 p.m.

**INVER GROVE HEIGHTS CITY COUNCIL MEETING
MONDAY, OCTOBER 8, 2012 - 8150 BARBARA AVENUE**

CALL TO ORDER/ROLL CALL The City Council of Inver Grove Heights met in regular session on Monday, October 8, 2012, in the City Council Chambers. Mayor Tourville called the meeting to order at 7:00 p.m. Present were Council members Grannis, Klein, Madden and Piekarski Krech; City Administrator Lynch, Assistant City Administrator Teppen, City Attorney Kuntz, Parks & Recreation Director Carlson, Community Development Director Link, Public Works Director Thureen, and Deputy Clerk Kennedy

3. PRESENTATIONS:

A. Future of our Parks - Parks and Recreation System Plan

Mr. Carlson encouraged residents to complete an on-line survey about the Parks and Recreation System and to attend an open house at the VMCC on October 16th from 6:30 to 8:30 p.m. to provide input that would help develop the future plan for the Parks and Recreation System.

4. CONSENT AGENDA:

Mayor Tourville removed Item 4D from the Consent Agenda.

Councilmember Madden removed Item 4H from the Consent Agenda.

- A. i) Minutes – September 24, 2012 Council Work Session
ii) Minutes – September 24, 2012 Regular Council Meeting
- B. Resolution No. 12-159** Approving Disbursements for Period Ending October 3, 2012
- C.** Change Order No. 2 for City Project No. 2012-09D, Urban Street Reconstruction – 65th Street Neighborhood and Cahill Court
- E.** Accept Resignations of Airport Relations Commissioners
- F.** Approve Concession Agreement with Inver Grove Heights Youth Hockey
- G. Resolution No. 12-161** Removing Phone Lines from Oakwood, Skyview, Groveland, and South Valley Recreation Buildings
- I. Personnel Actions

Motion by Madden, second by Klein, to approve the Consent Agenda

Ayes: 5

Nays: 0 Motion carried.

- D.** Resolution Approving Construction Plans and Specifications for City Project No. 2006-08 Asher Water Tower Replacement and Authorizing Advertisement for Bids

Mayor Tourville stated he would abstain from the vote because of the involvement of SEH in the project.

Motion by Madden, second by Klein, to adopt Resolution No. 12-160 Approving Construction Plans and Specifications for City Project No. 2006-08, Asher Water Tower Replacement and Authorizing Advertisements for Bids

Ayes: 4

Nays: 0

Abstain: 1 (Tourville) Motion carried.

H. Approve Social Media Policy

Councilmember Madden stated he would like to table the item until after the first of the year when the new Council would be in place.

Mr. Lynch stated the City already made commitments with Facebook and Twitter as an effort to increase the City's presence in that capacity. The policy is a follow-up to discussions regarding the use and function of that social media for City purposes. He reiterated the City has commitments they need to follow through with and stated staff would like to proceed with the use of both of those social media outlets pending further discussion of the policy.

Councilmember Madden & Councilmember Klein agreed staff could proceed with the commitments to Facebook and Twitter.

Councilmember Madden stated they needed to be some control over the information that is released.

Councilmember Klein asked if City staff reviewed the policy.

Ms. Teppen explained the policy was reviewed by all the department heads and they had the opportunity to provide feedback. The policy was also shared with the Marketing Coordinator in the Parks and Recreation department as she is responsible for maintaining the Parks and Recreation Facebook page. She stated the new City website came with links to Facebook and Twitter and the goal is to establish an overall city-wide presence on Facebook. She explained the proposed policy sets forth the guiding principles and guidelines with respect to how the City will use those social media outlets.

Councilmember Klein opined that all City employees should review the policy.

Ms. Teppen responded that the components that would affect employee participation in social media outlets or online activities are already contained within the City's Technology policy which is reviewed and signed off on by every employee.

Mr. Lynch noted they do not typically involve all staff in policy development. Department heads and supervisors are generally included because they are responsible for the enforcement of the policy. He stated they try to educate and inform the staff of the items that are being brought forward to the Council so they are aware of what is going on, but they do not generally participate in the development of those items.

Mayor Tourville asked if Councilmember Klein's concern was employee use of the City's technology or their personal use during work hours.

Councilmember Klein responded that he was concerned about both.

Mayor Tourville reiterated those components were addressed in the existing Technology policy but were also incorporated into the Social Media policy.

Councilmember Madden stated he still wants the new Council to have an opportunity to review the policy.

Motion by Madden, second by Klein, to table until the first regular Council meeting in January, 2013 and to allow staff to proceed with commitments to Facebook and Twitter

Ayes: 5

Nays: 0 Motion carried.

5. PUBLIC COMMENT:

Judy Adams, 4667 Bloomberg Lane, expressed neighborhood concerns about the volume of traffic they have on their road. She stated there are 63 units in her development and they are surrounded by larger developments whose residents use their road as the main outsource to access Southview Boulevard and Highway 52. She explained residents have asked the Police department if there was anything that could be done to slow down the traffic. She stated pedestrian crosswalks were also needed as many residents have to cross the street to pick up their mail. She asked the City Council to help them find a solution to the problem because it is a safety hazard. She asked that pedestrian crossing signs be posted and requested that the speed limit be reduced to 25 mph.

Mayor Tourville stated the Police department did increase the traffic control and enforcement in response to the concerns that were raised. He noted speed bumps are generally not installed on a public road and the City does not have a lot of control over the established speed limits. He asked Mr. Thureen to look at

options to increase the safety for pedestrians and reduce traffic speeds.

Mr. Thureen indicated staff would review the issues that were presented and put a short report together for the Council.

6. PUBLIC HEARINGS: None.

7. REGULAR AGENDA:

COMMUNITY DEVELOPMENT:

A. WIPAIRE, INC; Consider Resolution relating to a Conditional Use Permit to Allow a Manufacturing Operation in the I-1, Limited Industry Zoning District for property located at 6100 Claude Way

Mr. Link reviewed the location of the property. He explained the request was for a conditional use permit to allow manufacturing in the I-1 zoning district. He stated Wipaire would lease approximately 22,000 square feet in an existing building and the space would be used for manufacturing and assembly of floats for airplanes. He noted a paint booth would also be located in the facility and would be used for priming metal parts that are part of the assembly operation. The paint booth would need to meet all building and fire code standard. The entire operation would occur inside the building and there would be no outside storage. Both Planning staff and the Planning Commission recommended approval of the request.

Councilmember Madden clarified that the property was located on Claude Way.

Councilmember Klein asked if the applicant was familiar with all the conditions.

Pat Garfield, VP of Operations for Wipaire, responded in the affirmative.

Motion by Klein, second by Madden, to adopt Resolution No. 12-162 relating to a Conditional Use Permit to Allow a Manufacturing Operation in the I-1, Limited Industry Zoning District for property located at 6100 Claude Way

Ayes: 5

Nays: 0 Motion carried.

B. BRAD & MARY HAPKA; Consider the following actions:

- i) Consider Resolution relating to a Variance to Allow an Addition to the Existing Home 31 Feet from the Rear Property Line whereas 50 Feet is Required
- ii) Resolution relating to a Conditional Use Permit to Allow up to 10,195 Square Feet of Impervious Surface Coverage on a Lot for the Property Located at 9330 Inver Grove Trail

Mr. Link stated the property was located on Inver Grove Trail. The request included a variance and a conditional use permit. He explained the proposal was for an addition to the house and garage. The house currently has a 38 foot setback and the request is for a 31 foot setback. He noted the ordinance required a 50 foot setback. He explained the house was built in 1950, fifteen years before the zoning code went into effect. Therefore the location of the home preceded any zoning regulations. He stated the impervious coverage slightly exceeds the typical amount allowed by ordinance, however an increase is allowed by conditional use permit. He explained Planning staff supported the requests because the situation is unique due to the fact that the home was built prior to the adoption of any zoning regulations and it allows the property owners a use of the property similar to what their neighbors have. Both Planning staff and the Planning Commission recommended approval of the request.

Motion by Piekarski Krech, second by Klein, to adopt Resolution No. 12-163 Approving a Variance to Allow and Addition to the Existing Home 31 Feet from the Rear Property Line whereas 50 Feet is Required and Resolution No. 12-164 Approving a Conditional Use Permit to Allow up to 10,195 Square Feet of Impervious Surface Coverage on a Lot for the Property Located at 9330 Inver Grove Trail

Ayes: 5

Nays: 0 Motion carried.

C. 160 INVESTMENTS, LLC; Consider Resolution Approving the Development Contract and Related Documents for the Plat of Argenta Hills 5th Addition

Mr. Link explained the development contracts and documents pertain to the Argenta Hills 5th Addition. He noted the PUD and development plans were approved in September, however the legal documents were not complete at that time. He stated the developer has started earthwork on the site with the authority of the grading plans that had previously been approved. He stated a new set of exhibits for the development contract were provided. The agreement for the temporary stockpiling of soils was not included because the technical aspects of the agreement still need to be worked out between the developer and the Public Works staff. Staff recommended approval of the development contract and related legal documents.

Motion by Klein, second by Madden, to adopt Resolution No. 12-165 Approving the Development Contract and Related Documents for the Plat of Argenta Hills 5th Addition

Ayes: 4

Nays: 1 (Grannis) Motion carried.

8. MAYOR & COUNCIL COMMENTS:

9. ADJOURN: Motion by Klein, second by Madden, to adjourn. The meeting was adjourned by a unanimous vote at 7:30 p.m.

CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

Meeting Date: October 22, 2012
 Item Type: Consent
 Contact: Bill Schroepfer 651-450-2516
 Prepared by: Bill Schroepfer, Accountant
 Reviewed by: N/A

Fiscal/FTE Impact:	
<input type="checkbox"/>	None
<input checked="" type="checkbox"/>	Amount included in current budget
<input type="checkbox"/>	Budget amendment requested
<input type="checkbox"/>	FTE included in current complement
<input type="checkbox"/>	New FTE requested – N/A
<input type="checkbox"/>	Other

PURPOSE/ACTION REQUESTED

Approve the attached resolution approving disbursements for the period of October 4, 2012 to October 17, 2012.

SUMMARY

Shown below is a listing of the disbursements for the various funds for the period ending October 17, 2012. The detail of these disbursements is attached to this memo.

General & Special Revenue	\$515,558.55
Debt Service & Capital Projects	158,189.01
Enterprise & Internal Service	231,534.32
Escrows	9,461.68
	<hr/>
Grand Total for All Funds	<u><u>\$914,743.56</u></u>

If you have any questions about any of the disbursements on the list, please call Shannon Battles, Accountant at 651-450-2488 or Bill Schroepfer, Accountant at 651-450-2516.

Attached to this summary for your action is a resolution approving the disbursements for the period October 4, 2012 to October 17, 2012 and the listing of disbursements requested for approval.

DAKOTA COUNTY, MINNESOTA

RESOLUTION NO. _____

**RESOLUTION APPROVING DISBURSEMENTS FOR THE
PERIOD ENDING October 17, 2012**

WHEREAS, a list of disbursements for the period ending October 17, 2012 was presented to the City Council for approval;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF INVER GROVE HEIGHTS: that payment of the list of disbursements of the following funds is approved:

General & Special Revenue	\$515,558.55
Debt Service & Capital Projects	158,189.01
Enterprise & Internal Service	231,534.32
Escrows	9,461.68
Grand Total for All Funds	<u><u>\$914,743.56</u></u>

Adopted by the City Council of Inver Grove Heights this 22nd day of October, 2012.

Ayes:

Nays:

George Tourville, Mayor

ATTEST:

Melissa Kennedy, Deputy City Clerk



Expense Approval Report

By Fund

Payment Dates 10/4/2012 - 10/17/2012

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
ACE BLACKTOP, INC.	10791	10/10/2012	IGH002	101.43.5200.443.60016	1,560.00
ACE PAINT & HARDWARE	513329/5	10/10/2012	501126	101.43.5200.443.60016	16.01
ACE PAINT & HARDWARE	513477/5	10/17/2012	501126	101.43.5200.443.60016	22.41
AFSCME COUNCIL 5	INV0014028	10/05/2012	UNION DUES (AFSCME FAIR SHARE)	101.203.2031000	52.72
AFSCME COUNCIL 5	INV0014029	10/05/2012	UNION DUES (AFSCME FULL SHARE)	101.203.2031000	726.68
AFSCME COUNCIL 5	INV0014030	10/05/2012	UNION DUES (AFSCME FULL SHARE)	101.203.2031000	58.92
AFSCME COUNCIL 5	PR 10/5	10/05/2012	10/5/12 UNION DUES	101.203.2031000	838.32
ARAMARK UNIFORM SERVICES	629-7588472	10/10/2012	15353001	101.43.5200.443.60045	20.90
ARAMARK UNIFORM SERVICES	629-7588472	10/10/2012	15353001	101.44.6000.451.60045	33.36
ARAMARK UNIFORM SERVICES	629-7593214	10/10/2012	15353001	101.44.6000.451.60045	33.36
ARAMARK UNIFORM SERVICES	629-7593214	10/10/2012	15353001	101.43.5200.443.60045	34.88
ARAMARK UNIFORM SERVICES	629-7597911	10/17/2012	13553001	101.43.5200.443.60045	20.91
ARAMARK UNIFORM SERVICES	629-7597911	10/17/2012	13553001	101.44.6000.451.60045	37.79
ASSOCIATED MECHANICAL CONTRACTORS	37255	10/10/2012	FIRE	101.42.4200.423.40040	609.00
BEISSEL WINDOW & SIDING	9/25/12	10/17/2012	DUPLICATE PERMIT BD 2012-1772	101.45.0000.3221000	159.20
BERNARDY, DANIEL	9/17/12	10/10/2012	SUPPLIES	101.42.4200.423.60065	60.93
BUREAU OF CRIMINAL APPREHENSION	96851	10/17/2012	CUST #12981	101.42.4000.421.40044	390.00
CITY OF MINNEAPOLIS RECEIVABLES	400413003202	10/10/2012	CUST #612005356	101.42.0000.3428000	427.80
CLAREY'S SAFETY EQUIPMENT	146569	10/17/2012	FIRE	101.42.4200.423.40042	245.14
COLLINS ELECTRICAL CONST.	1231257-01	10/10/2012	CUST LISSA	101.43.5400.445.30700	346.00
COLLINS ELECTRICAL CONST.	1231283.01	10/10/2012	LISSA	101.43.5400.445.30700	131.00
COORDINATED BUSINESS SYSTEMS	ARIN057008	10/10/2012	CUST #4555082	101.42.4200.423.40044	17.83
CULLIGAN	9/30/12 157-98459100-6	10/10/2012	157-98459100-6	101.42.4200.423.60065	47.49
CWH RESEARCH INC.	3525	07/25/2012	LAW ENFORCEMENT ENTRY LEVEL 1	101.41.1100.413.30500	1,339.50
DAKOTA CTY TECH COLLEGE	10/3/12	10/17/2012	SEPT 2012	101.42.4000.421.50080	225.00
DAKOTA ELECTRIC ASSN	9/27/12 250165-8	10/10/2012	250165-8	101.44.6000.451.40020	627.07
DAKOTA ELECTRIC ASSN	9/27/12 393563-2	10/10/2012	393563-2	101.44.6000.451.40020	641.90
DAKOTA ELECTRIC ASSN	9/27/12 443054-2	10/10/2012	443054-2	101.44.6000.451.40020	10.72
DAKOTA ELECTRIC ASSOCIATION	9/27/12 461221-4	10/10/2012	461221-4	101.43.5400.445.40020	45.04
DAKOTA ELECTRIC ASSOCIATION	9/27/12 246837-9	10/10/2012	246837-9	101.44.6000.451.40020	1,383.44
DANNER LANDSCAPING	9686	10/10/2012	UTILITIES	101.44.6000.451.60016	45.42
DELTA CONSTRUCTION	RECPT: 32194	10/10/2012	BD2012-1361 6433 CORYELL CT	101.45.0000.3221000	79.60
ECOLIFT CONCRETE RAISING INC.	736	10/17/2012	STREETS	101.43.5200.443.40046	375.00
EFTPS	INV0014035	10/05/2012	FEDERAL WITHHOLDING	101.203.2030200	39,444.42
EFTPS	INV0014037	10/05/2012	MEDICARE WITHHOLDING	101.203.2030500	10,730.94
EFTPS	INV0014038	10/05/2012	SOCIAL SECURITY WITHHOLDING	101.203.2030400	27,527.31
FERRELLGAS	ORDER #107266835	10/10/2012	ACCT 7754787	101.43.5200.443.60016	65.32
FERRELLGAS	10/11/12	10/17/2012	7754787	101.43.5200.443.60016	37.49
FERRELLGAS	10/12/12	10/17/2012	7754787	101.43.5200.443.60016	82.51
FIREHOUSE MAGAZINE	9/12/12	10/17/2012	APRIL 2013	101.42.4200.423.50070	29.95
FIRST IMPRESSION GROUP, THE	49964	10/10/2012	P O JENELLE TEPPEN	101.42.4000.421.50030	585.00
FIRST IMPRESSION GROUP, THE	49964	10/10/2012	P O JENELLE TEPPEN	101.41.1100.413.60065	130.00
GERTENS	267319	10/10/2012	103566	101.44.6000.451.60016	98.86
GLASSING FLORIST	00324159	10/10/2012	00002015	101.42.4000.421.60065	59.07
GLASSING FLORIST	323880	10/10/2012	14099 ANDREW CHANCEY	101.43.5200.443.30700	83.44
GOODPOINTE TECHNOLOGIES	130129724	10/10/2012	PARK & REC	101.44.6000.451.40046	285.00
HILDI INC	4400	10/17/2012	ACTUARIAL VALUATION UNDER GA:	101.41.2000.415.30700	2,080.00
HUNTING, ALLAN	9/26/12	10/17/2012	MNAPA CONFERENCE	101.45.3200.419.50080	673.09
ICMA RETIREMENT TRUST - 457	INV0013984	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	135.00
ICMA RETIREMENT TRUST - 457	INV0013985	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	301.65
ICMA RETIREMENT TRUST - 457	INV0013986	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	100.00
ICMA RETIREMENT TRUST - 457	INV0013987	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	541.87
ICMA RETIREMENT TRUST - 457	INV0013988	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	175.00
ICMA RETIREMENT TRUST - 457	INV0013989	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	339.24
ICMA RETIREMENT TRUST - 457	INV0013990	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	915.00
ICMA RETIREMENT TRUST - 457	INV0013991	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	125.20
ICMA RETIREMENT TRUST - 457	INV0013992	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	150.00
ICMA RETIREMENT TRUST - 457	INV0013993	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	713.05
ICMA RETIREMENT TRUST - 457	INV0013994	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	75.00
ICMA RETIREMENT TRUST - 457	INV0013995	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	177.04
ICMA RETIREMENT TRUST - 457	INV0013996	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	1,503.84

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
ICMA RETIREMENT TRUST - 457	INV0013997	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	355.81
ICMA RETIREMENT TRUST - 457	INV0013998	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	40.00
ICMA RETIREMENT TRUST - 457	INV0013999	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	379.77
ICMA RETIREMENT TRUST - 457	INV0014000	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	690.00
ICMA RETIREMENT TRUST - 457	INV0014001	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	455.68
ICMA RETIREMENT TRUST - 457	INV0014002	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	450.00
ICMA RETIREMENT TRUST - 457	INV0014003	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	152.51
ICMA RETIREMENT TRUST - 457	INV0014004	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	125.00
ICMA RETIREMENT TRUST - 457	INV0014005	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	37.02
ICMA RETIREMENT TRUST - 457	INV0014006	10/05/2012	ICMA (AGE 49 & UNDER)	101.203.2031400	550.00
ICMA RETIREMENT TRUST - 457	INV0014007	10/05/2012	ICMA (AGE 50 & OVER)	101.203.2031400	234.03
ICMA RETIREMENT TRUST - 457	INV0014008	10/05/2012	ICMA (AGE 50 & OVER)	101.203.2031400	325.00
ICMA RETIREMENT TRUST - 457	INV0014009	10/05/2012	ICMA (AGE 50 & OVER)	101.203.2031400	93.85
ICMA RETIREMENT TRUST - 457	INV0014010	10/05/2012	ICMA (AGE 50 & OVER)	101.203.2031400	150.00
ICMA RETIREMENT TRUST - 457	INV0014011	10/05/2012	ICMA (AGE 50 & OVER)	101.203.2031400	789.46
ICMA RETIREMENT TRUST - 457	INV0014012	10/05/2012	ICMA (AGE 50 & OVER)	101.203.2031400	872.63
ICMA RETIREMENT TRUST - 457	INV0014013	10/05/2012	ICMA (AGE 50 & OVER)	101.203.2031400	76.54
ICMA RETIREMENT TRUST - 457	INV0014014	10/05/2012	ICMA (AGE 50 & OVER)	101.203.2031400	4,087.19
ICMA RETIREMENT TRUST - 457	INV0014015	10/05/2012	ICMA (EMPLOYER SHARE ADMIN)	101.203.2031400	70.79
ICMA RETIREMENT TRUST - 457	INV0014024	10/05/2012	ROTH IRA (AGE 49 & UNDER)	101.203.2032400	457.70
ICMA RETIREMENT TRUST - 457	INV0014025	10/05/2012	ROTH IRA (AGE 50 & OVER)	101.203.2032400	230.77
IGH FIRE RELIEF ASSN	10/1/12	10/10/2012	FIRE STATE AID 2012	101.42.4200.423.20500	126,586.89
INVER GROVE FORD	9/25/12 DOC. SE1464750	10/10/2012	94917	101.42.4000.421.70300	267.81
IUOE	INV0014031	10/05/2012	UNION DUES IUOE	101.203.2031000	1,151.25
IUOE	PR 10/5	10/05/2012	10/5/121 UNION DUES	101.203.2031000	1,151.25
KIMBALL MIDWEST	2662966	10/10/2012	ACCT #222006	101.44.6000.451.60016	71.99
KNOX COMPANY	INV00527397	10/10/2012	CUS103847M	101.42.4200.423.60065	293.00
LELS	INV0014032	10/05/2012	UNION DUES (LELS)	101.203.2031000	1,250.00
LELS	PR 10/5	10/05/2012	10/5/12 UION DUES	101.203.2031000	1,250.00
LELS SERGEANTS	INV0014033	10/05/2012	UNION DUES (LELS SGT)	101.203.2031000	225.00
LELS SERGEANTS	PR 10/5	10/05/2012	10/5/12 UNION DUES	101.203.2031000	225.00
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	101.44.6000.451.30420	189.47
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	101.43.5000.441.30420	235.11
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	101.43.5100.442.30420	322.00
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	101.45.3200.419.30420	95.00
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	101.42.4000.421.30420	1,428.00
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	101.43.5100.442.30420	2,489.20
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	101.42.4000.421.30420	33.00
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	101.45.3000.419.30420	64.00
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	101.45.3200.419.30420	1,961.49
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	101.42.4000.421.30420	388.00
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	101.42.4000.421.30420	216.00
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	101.41.1000.413.30420	3,528.20
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	101.41.1000.413.30401	360.00
LILLIE SUBURBAN NEWSPAPERS	8/31/12 A	10/10/2012	1363	101.41.2000.415.50025	543.75
LILLIE SUBURBAN NEWSPAPERS	8/31/12 A	10/10/2012	1363	101.45.3200.419.50025	42.88
LILLIE SUBURBAN NEWSPAPERS	8/31/12 A	10/10/2012	1363	101.41.1100.413.50025	15.63
LILLIE SUBURBAN NEWSPAPERS	8/31/12 A	10/10/2012	1363	101.41.1200.414.50025	21.88
LYNCH, JOE	9/27/12	10/10/2012	MTG FINANCIAL CONSULT	101.41.1100.413.50075	44.94
LYNN & ASSOCIATES	PG2:1:2012	10/17/2012	CITY ADMIN POGG PEER GROUP	101.41.1000.413.50080	500.00
LYNN & ASSOCIATES	PG2:1:2012	10/17/2012	CITY ADMIN POGG PEER GROUP	101.41.1000.413.50065	100.00
LYNN & ASSOCIATES	PG2:1:2012	10/17/2012	CITY ADMIN POGG PEER GROUP	101.41.1000.413.30700	230.00
LYNN & ASSOCIATES	PG2:1:2012	10/17/2012	CITY ADMIN POGG PEER GROUP	101.41.1000.413.50075	150.00
MARTIN-MCALLISTER	8088	10/10/2012	INV001	101.41.1100.413.30500	400.00
MINNEAPOLIS OXYGEN CO.	171049525	10/17/2012	113504	101.42.4200.423.40042	63.48
MINNEAPOLIS OXYGEN CO.	171049526	10/17/2012	113504	101.42.4200.423.40042	91.70
MINNEAPOLIS OXYGEN CO.	171049527	10/17/2012	113504	101.42.4000.421.60065	28.22
MINNESOTA DEPARTMENT OF HUMAN	INV0013982	10/05/2012	RICK JACKSON FEIN/TAXPAYER ID: 4	101.203.2032100	318.41
MINNESOTA DEPARTMENT OF HUMAN	INV0013983	10/05/2012	JUSTIN PARRANTO FEIN/TAXPAYER	101.203.2032100	484.54
MN DEPT OF LABOR & INDUSTRY	10/12/12	10/15/2012	RCRD 9-20-12 MN STATE SURCHARC	101.207.2070100	2,085.65
MN DEPT OF LABOR & INDUSTRY	10/12/12	10/15/2012	RCRD 9-20-12 MN STATE SURCHARC	101.41.0000.3414000	(41.71)
MN DEPT OF REVENUE	INV0014036	10/05/2012	STATE WITHHOLDING	101.203.2030300	16,228.10
MOORE MEDICAL LLC	81944444EI	10/10/2012	21185816	101.42.4200.423.40042	465.73
MRPA	10/15/12	01/17/2012	ERIC CARLSON	101.44.6000.451.50080	49.00
MTI DISTRIBUTING CO	875408-00	10/10/2012	MAINT SHOP	101.44.6000.451.40047	696.88
MTI DISTRIBUTING CO	875413-00	10/10/2012	MAINT SHOP	101.44.6000.451.40047	240.47
MTI DISTRIBUTING CO	875655-00	10/10/2012	MAINT SHOP	101.44.6000.451.40047	204.24
MTI DISTRIBUTING CO	875912-00	10/10/2012	MAINT SHOP	101.44.6000.451.40047	874.88
NOVOPRINT USA, INC.	76355	10/10/2012	MAP ADVERTISEMENT	101.41.1000.413.50025	895.00

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
NPELRA	TEPPEN 28222	10/10/2012	2013 MN ACTIVE MEMBERSHIP	101.41.1100.413.50070	150.00
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	101.41.2000.415.30550	26.04
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	101.45.3300.419.30550	12.30
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	101.41.1100.413.30550	15.45
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	101.45.3000.419.30550	12.30
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	101.43.5000.441.30550	6.65
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	101.44.6000.451.30550	10.68
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	101.42.4000.421.30550	84.75
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	101.43.5100.442.30550	28.75
OPTUMHEALTH FINANCIAL SERVICES	INV0014026	10/05/2012	HSA ELECTION-SINGLE	101.203.2032500	2,162.84
OPTUMHEALTH FINANCIAL SERVICES	INV0014027	10/05/2012	HSA ELECTION-FAMILY	101.203.2032500	3,478.70
PERA	INV0014016	10/05/2012	EMPLOYER SHARE (EXTRA PERA)	101.203.2030600	2,454.57
PERA	INV0014018	10/05/2012	EMPLOYER SHARE (PERA COORDIN	101.203.2030600	15,340.86
PERA	INV0014019	10/05/2012	PERA COORDINATED PLAN	101.203.2030600	15,340.86
PERA	INV0014020	10/05/2012	EMPLOYER SHARE (PERA DEFINED F	101.203.2030600	44.23
PERA	INV0014021	10/05/2012	PERA DEFINED PLAN	101.203.2030600	44.23
PERA	INV0014022	10/05/2012	EMPLOYER SHARE (POLICE & FIRE P	101.203.2030600	16,018.55
PERA	INV0014023	10/05/2012	PERA POLICE & FIRE PLAN	101.203.2030600	10,678.98
PINE BEND PAVING, INC.	4273	10/10/2012	SKYVIEW PARK	101.44.6000.451.40046	5,866.00
PRESTIGE ELECTRIC, INC.	85543	10/17/2012	INVERGRO	101.42.4200.423.40040	94.00
PRESTIGE ELECTRIC, INC.	85544	10/17/2012	INVERGRO	101.42.4200.423.40040	465.00
R.D. HANSON ASSOC INC	138942	10/17/2012	FIRE	101.42.4200.423.60006	86.70
REGIONS HOSPITAL	531916-1	10/10/2012	ACCT #72376170-39035	101.42.4000.421.30700	35.01
ROAD MACHINERY & SUPPLIES CO	R19065	10/10/2012	INVER001	101.43.5200.443.40050	2,478.54
S & T OFFICE PRODUCTS	9/30/12	10/10/2012	S28777	101.43.5100.442.60010	59.28
S & T OFFICE PRODUCTS	9/30/12	10/10/2012	S28777	101.45.3300.419.60040	146.59
S & T OFFICE PRODUCTS	9/30/12	10/10/2012	S28777	101.41.2000.415.60070	85.22
S & T OFFICE PRODUCTS	9/30/12	10/10/2012	S28777	101.43.5100.442.60010	(56.96)
SOLBERG AGGREGATE CO	9347	10/10/2012	STREET MAINT	101.44.6000.451.60065	337.21
TIMESAVER OFF SITE SECRETARIAL INC	ANOKA OFF #M19337	10/10/2012	9-24-12 COUNCIL MTG	101.41.1100.413.30700	184.50
TRACTOR SUPPLY CREDIT PLAN	TICKET 78643	10/10/2012	STREETS	101.43.5200.443.60016	8.96
TRANS UNION LLC	09216995	10/17/2012	CUST #0924V0008542	101.41.1100.413.30500	37.20
TRI-MARK TIMBER, LLC	1164	10/10/2012	PUBLIC WORKS	101.44.6000.451.60065	11,183.75
TRUGREEN	4020547	10/10/2012	6005159430	101.44.6000.451.60035	304.49
TRUGREEN	402551	10/10/2012	6005159479	101.44.6000.451.60035	130.49
TRUGREEN	402554	10/10/2012	605159482	101.44.6000.451.60035	87.00
TRUGREEN	402556	10/10/2012	605159484	101.44.6000.451.60035	130.49
TRUGREEN	402558	10/10/2012	6005159486	101.44.6000.451.60035	43.50
TRUGREEN	402559	10/10/2012	6005159487	101.44.6000.451.60035	173.99
TRUGREEN	402562	10/10/2012	6005159490	101.44.6000.451.60035	217.49
TRUGREEN	402563	10/17/2012	6005159491	101.42.4200.423.40040	139.68
TWIN CITIES OCCUPATIONAL HEALTH P	101967459	10/10/2012	N26-1251001589	101.41.1100.413.30500	160.00
TWIN CITY SEED COMPANY	28796	10/10/2012	PARK & REC	101.44.6000.451.60016	2,458.13
U OF M - CCE REGISTRATION	E627002	10/17/2012	APWA MN CHAPTER FALL WORKSH	101.43.5200.443.50080	150.00
UNIFORMS UNLIMITED	135255	10/10/2012	I14866	101.42.4000.421.60045	19.50
UNITED WAY	INV0014034	10/05/2012	UNITED WAY	101.203.2031300	160.00
UNITED WAY	PR 10/5	10/05/2012	10/5/12 PLEDGE	101.203.2031300	160.00
UNIVERSITY NATIONAL BANK	INV0014017	10/05/2012	STEVE HER FILE #62-CV-07-3401	101.203.2031900	455.88
UNIVERSITY NATIONAL BANK	PR 10/5	10/05/2012	10/5/12 S. HER, GARNISH	101.203.2031900	455.88
USA MOBILITY WIRELESS INC	V0317409J	10/10/2012	0317409-1	101.42.4000.421.50020	4.89
VANDERHEYDEN LAW OFFICE, P.A.	INV0013981	10/05/2012	BRIAN HENDEL FILE #62-CV-08-113	101.203.2031900	355.71
VANDERHEYDEN LAW OFFICE, P.A.	PR 10/5	10/05/2012	10/5/12 B HENDEL, GARNISH	101.203.2031900	355.71
WHAT WORKS INC	IGH12-08	10/17/2012	PROJECT LEAD 2012	101.41.1100.413.30700	2,090.00
WHAT WORKS INC	IGH12-09	10/17/2012	COACHING FINANCE	101.41.1100.413.30500	475.00
XCEL ENERGY	340639625	10/10/2012	51-0361045-7	101.43.5400.445.40020	24.88
XCEL ENERGY	340730208	10/10/2012	51-6055596-7	101.43.5400.445.40020	23.52
XCEL ENERGY	340763631	10/10/2012	51-8394358-2	101.43.5400.445.40020	23.97
XCEL ENERGY	340780235	10/10/2012	51-9359857-3	101.43.5400.445.40020	50.95
XCEL ENERGY	340933540	10/10/2012	51-7094669-1	101.43.5400.445.40020	24.51
XCEL ENERGY	341464313	10/10/2012	51-8849473-7	101.43.5400.445.40020	51.34
XCEL ENERGY	341479804	10/10/2012	51-9782436-1	101.43.5400.445.40020	39.49
XCEL ENERGY	342268815	10/17/2012	51-6431857-4	101.42.4200.423.40020	1,045.07
XCEL ENERGY	342268815	10/17/2012	51-6431857-4	101.42.4200.423.40010	190.39
ZACK'S, INC.	28120	10/17/2012	28100	101.43.5200.443.60016	363.68

Fund: 101 - GENERAL FUND

374,254.08

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
ENSEMBLE CREATIVE & MARKETING	IGH09312012	10/10/2012	AUG 2012 MONTHLY INSTALLMENT	201.44.1600.465.50025	1,665.00
MN ASSOC OF CONVENTION & VISITOR	20122013	10/10/2012	ACCT 5477	201.44.1600.465.50070	355.00
RIVER HEIGHTS CHAMBER OF COMMER	2803	10/10/2012	NICOLE BENGTONSON	201.44.1600.465.50035	15.02
RIVER HEIGHTS CHAMBER OF COMMER	2803	10/10/2012	NICOLE BENGTONSON	201.44.1600.465.40065	113.13
RIVER HEIGHTS CHAMBER OF COMMER	2811	10/10/2012	ADM SVC SEPT 2012 RENT/OFFICE L	201.44.1600.465.40065	200.00
RIVER HEIGHTS CHAMBER OF COMMER	2811	10/10/2012	ADM SVC SEPT 2012 RENT/OFFICE L	201.44.1600.465.30700	1,666.67
Fund: 201 - C.V.B. FUND					4,014.82
ACE PAINT & HARDWARE	513123/5	10/17/2012	I44978	204.44.6100.452.60009	48.03
IGH/SSP COMMUNITY EDUCATION	10/8/12	10/17/2012	RED WING TRIP, SENIOR BREAKFAS	204.227.2271000	3,281.00
MAYER ARTS INC	10/2/12	10/10/2012	JEN GRAHAM	204.44.6100.452.30700	210.00
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	204.44.6100.452.30550	13.09
ROBERT BEALKE INDUSTRIES	10/12/12	10/17/2012	PARK & REC	204.44.6100.452.30700	250.00
TAHO SPORTSWEAR	12TA1953	10/10/2012	JEN GRAHAM	204.44.6100.452.60045	931.00
Fund: 204 - RECREATION FUND					4,733.12
ACE PAINT & HARDWARE	513473/5	10/17/2012	501126	205.44.6200.453.60011	20.83
ACE PAINT & HARDWARE	513473/5	10/17/2012	501126	205.44.6200.453.60011	20.83
CHARTIER TRACY	10/5/12	10/10/2012	RETURNED DIRECT DEP	205.44.6200.453.10300	33.02
COMCAST	10/1/12	10/17/2012	8772105910722033	205.44.6200.453.50070	81.95
COMMON SENSE BUILDING SERVICES, I	30001	10/17/2012	MONTHLY CONTRACT	205.44.6200.453.40040	7,233.14
COSTA JOSEPH	10/5/12	10/10/2012	RETURNED DIRECT DEP	205.44.6200.453.10300	142.94
COSTA JOSEPH	10/5/12	10/10/2012	RETURNED DIRECT DEP	205.44.6200.453.10300	71.47
GARTNER REFRIGERATION & MFG, INC	13772	10/17/2012	VETE01	205.44.6200.453.40040	1,897.00
GLEWWE DOORS	162668	10/17/2012	VMCC	205.44.6200.453.40040	518.00
GRAINGER	9890935597	10/17/2012	VMCC	205.44.6200.453.60016	7.80
GRAINGER	9933978273	10/10/2012	806460150	205.44.6200.453.60040	15.59
GRAINGER	9933978273	10/10/2012	806460150	205.44.6200.453.60040	15.59
GRAINGER	9940646699	10/10/2012	806460150	205.44.6200.453.60011	68.78
GRAINGER	9940646699	10/10/2012	806460150	205.44.6200.453.60011	68.78
GRAINGER	9940646699	10/10/2012	806460150	205.44.6200.453.40040	241.13
HAMERNICK DECORATING CENTER	9/27/12	10/10/2012	ORDER #	205.44.6200.453.80200	24,628.00
HAMERNICK DECORATING CENTER	9/27/12A	10/10/2012	GC208729	205.44.6200.453.80200	5,250.00
HAWKINS, INC.	3393203 RI	10/17/2012	VMCC	205.44.6200.453.60024	3,235.99
HILLYARD INC	600429326	10/17/2012	274069	205.44.6200.453.60011	674.19
HILLYARD INC	600429326	10/17/2012	274069	205.44.6200.453.60011	674.18
HIRSHFIELD'S - SHOP AT HOME #24	AM3511V	10/17/2012	VMCC	205.44.6200.453.80200	3,510.34
LIVING COLOR	9/23/12	10/10/2012	TRACY PETERSON	205.44.6200.453.80200	4,490.00
MAXIMUM SOLUTIONS	13534	10/09/2012	VMCC	205.44.6200.453.60065	739.95
MENARDS - WEST ST. PAUL	5691	10/17/2012	30170270	205.44.6200.453.60012	12.83
MILL CITY SIGN LLC	9/23/12	10/10/2012	P O 13096	205.44.6200.453.50025	139.26
MONEY MAILER OF THE TWIN CITIES	7250	10/17/2012	PARK & REC	205.44.6200.453.50025	400.00
NOVOPRINT USA, INC.	76353	10/10/2012	BETHANY ADAMS	205.44.6200.453.50025	895.00
OFFICEMAX INC	781040	10/17/2012	687054	205.44.6200.453.60040	83.33
ONE SOURCE FITNESS LLC	13521	10/17/2012	THE GROVE	205.44.6200.453.60040	19,632.94
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	205.44.6200.453.30550	5.65
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	205.44.6200.453.30550	5.64
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	205.44.6200.453.30550	28.23
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	205.44.6200.453.30550	5.66
PETTY CASH - ATM	10-4-12	10/10/2012	REIMBURSE ATM FEES JULY-SEPT 20	205.44.6200.453.70440	16.47
PIONEER PRESS	0912414398	10/17/2012	414398	205.44.6200.453.50025	273.60
PUSH PEDAL PULL	0021256	10/04/2012	QT9780	205.44.6200.453.40042	112.20
RICE SOUND & SERVICE INC	04-2212	10/10/2012	VMCC	205.44.6200.453.60040	2,234.90
RICE SOUND & SERVICE INC	04-2225	10/10/2012	FACTORY REPAIR	205.44.6200.453.40042	141.00
RICE SOUND & SERVICE INC	04-2226	10/10/2012	VMCC	205.44.6200.453.40042	96.19
ROACH, RICK	10/3/12	10/10/2012	MILEAGE	205.44.6200.453.50065	21.65
S & T OFFICE PRODUCTS	PJ3325	10/17/2012	AQUATIC CENTER	205.44.6200.453.60040	26.48
SCHOENFELDER RENOVATIONS, INC.	N1445	10/10/2012	CUST ID P10752	205.44.6200.453.80200	29,520.00
SPRUNG SERVICES	61769	10/17/2012	COMMUNITY CENTER	205.44.6200.453.40040	582.00
TAHO SPORTSWEAR	12TF2061	10/17/2012	PARK & REC	205.44.6200.453.60045	12.00
UNITED REFRIGERATION, INC.	36369660-00	10/17/2012	1034925	205.44.6200.453.60016	22.95
UNITED REFRIGERATION, INC.	3637-1509-00	10/17/2012	1034925	205.44.6200.453.60016	39.67
VANCO SERVICES LLC	00005223449	10/10/2012	CLIENT ID ES12073	205.44.6200.453.70600	79.75
WARD, JOLLY	10/1/12	10/10/2012	CANCELLED SWIM CLASS	205.44.0000.3493501	21.00
XCEL ENERGY	342276443	10/17/2012	51-6867948-7	205.44.6200.453.40020	6,087.53
XCEL ENERGY	342276443	10/17/2012	51-6867948-7	205.44.6200.453.40020	12,751.99
XCEL ENERGY	342276443	10/17/2012	51-6867948-7	205.44.6200.453.40010	879.18
XCEL ENERGY	342276443	10/17/2012	51-6867948-7	205.44.6200.453.40010	3,013.93
Fund: 205 - COMMUNITY CENTER					130,780.53

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	290.45.3000.419.30420	1,776.00
Fund: 290 - EDA					1,776.00
WELLS FARGO BANK	896546	10/10/2012	INVEE101AGOS, INVE101GHOI, INV	354.57.9000.570.90300	400.00
Fund: 354 - GO SEWER REV BONDS 2010A					400.00
WELLS FARGO BANK	896546	10/10/2012	INVEE101AGOS, INVE101GHOI, INV	355.57.9000.570.90300	400.00
WELLS FARGO BANK	896546	10/10/2012	INVEE101AGOS, INVE101GHOI, INV	355.57.9000.570.90300	133.33
Fund: 355 - G.O. IMPR BONDS 2010B					533.33
WELLS FARGO BANK	896546	10/10/2012	INVEE101AGOS, INVE101GHOI, INV	356.57.9000.570.90300	266.67
Fund: 356 - G.O.PIR REFUNDING 2010C					266.67
WSB & ASSOCIATES, INC.	2A	10/10/2012	01702-230	402.44.6000.451.30700	40.00
Fund: 402 - PARK ACQ. & DEV. FUND					40.00
LILLIE SUBURBAN NEWSPAPERS	8/31/12 A	10/10/2012	1363	405.57.9000.570.50025	18.75
Fund: 405 - NORTH SIDE WTR STOR. FAC.					18.75
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	421.72.5900.721.30420	934.98
Fund: 421 - 2001 IMPROVEMENT FUND					934.98
SHORT ELLIOTT HENDRICKSON, INC.	260658	10/10/2012	P O 120095	426.72.5900.726.30300	4,887.50
SHORT ELLIOTT HENDRICKSON, INC.	260663	10/10/2012	P O 121638	426.72.5900.726.30300	2,842.04
Fund: 426 - 2006 IMPROVEMENT FUND					7,729.54
EHLERS AND ASSOCIATES, INC.	345392	10/17/2012	ORCHARD TRAILS STORMWATER DI	431.73.5900.731.30150	256.25
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	431.73.5900.731.30420	3,264.50
LOCAL GOVERNMENT INFORMATION S\	35653	10/10/2012	MOBILE APPL SOFTWARE	431.73.5900.731.30700	2,358.50
UNION PACIFIC RAILROAD	90029583	10/10/2012	CUST #49621, CUST REF: DOT18490	431.73.5900.731.80300	6,289.23
Fund: 431 - 2011 IMPROVEMENT FUND					12,168.48
HOISINGTON KOEGLER GROUP INC.	012-038-2	10/17/2012	PROJECT 012-038	432.73.5900.732.30700	2,297.00
LILLIE SUBURBAN NEWSPAPERS	8/31/12 A	10/10/2012	1363	432.73.5900.732.50025	228.13
PINE BEND PAVING, INC.	4273	10/10/2012	SKYVIEW PARK	432.73.5900.732.80300	13,750.00
ST CROIX RECREATION CO	17483	10/17/2012	PUBLIC WORKS	432.73.5900.732.80300	62,895.29
Fund: 432 - 2012 IMPROVEMENTS					79,170.42
INFRATECH	PR12631	10/17/2012	STREETS	440.74.5900.740.30700	1,030.00
Fund: 440 - PAVEMENT MANAGEMENT PROJ					1,030.00
ST CROIX RECREATION CO	17482	10/10/2012	OAKWOOD	444.74.5900.744.80300	54,859.34
TRI-MARK TIMBER, LLC	1164	10/10/2012	PUBLIC WORKS	444.74.5900.744.80300	1,000.00
Fund: 444 - PARKS MTCE & REPLACEMENT					55,859.34
LILLIE SUBURBAN NEWSPAPERS	8/31/12 A	10/10/2012	1363	452.57.9000.570.50025	18.75
Fund: 452 - SPRINGWOOD PONDS TIF#3-1					18.75
LILLIE SUBURBAN NEWSPAPERS	8/31/12 A	10/10/2012	1363	453.70.5900.703.50025	18.75
Fund: 453 - SE QUADRANT TIF DIST 4-1					18.75
CITY OF BLOOMINGTON	9/28/12	10/10/2012	COLIPA P/A TOTAL COLIFORM	501.50.7100.512.30700	400.00
HAWKINS, INC.	3395056	10/17/2012	WATER TREATMENT PLANT	501.50.7100.512.60019	569.00
HAWKINS, INC.	3396309	10/17/2012	UTILITY DEPT	501.50.7100.512.60019	4,832.44
MN PIPE & EQUIPMENT	0291337	10/17/2012	2195	501.50.7100.512.60016	88.74
MN PIPE & EQUIPMENT	0291474	10/17/2012	2195	501.50.7100.512.60016	29.40
MN PIPE & EQUIPMENT	0291475	10/17/2012	2195	501.50.7100.512.60016	45.25
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	501.50.7100.512.30550	23.43
XCEL ENERGY	342262670	10/17/2012	51-6098709-7	501.50.7100.512.40020	22,043.18
XCEL ENERGY	342262670	10/17/2012	51-6098709-7	501.50.7100.512.40010	672.01
Fund: 501 - WATER UTILITY FUND					28,703.45
METROPOLITAN COUNCIL ENVIRON SR\	1000368	10/17/2012	WASTE WATER SVC DEF REV	502.51.7200.514.40015	120,470.15
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	502.51.7200.514.30550	15.62
XCEL ENERGY	342262670	10/17/2012	51-6098709-7	502.51.7200.514.40020	1,170.77
Fund: 502 - SEWER UTILITY FUND					121,656.54

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
ACE PAINT & HARDWARE	513454-5	10/10/2012	501126	503.52.8500.526.60065	18.67
ARAMARK REFRESHMENT SERVICES	1041969	10/17/2012	CUST 6013-48128x	503.52.8300.524.76050	64.22
COLLEGE CITY BEVERAGE	830	10/10/2012	DOC#015051927004	503.52.8300.524.76150	283.70
DAKOTA ELECTRIC ASSN	9/27/12 201360-5	10/10/2012	201360-5	503.52.8600.527.40020	295.82
DRAFT TECHNOLOGIES	1011271	10/17/2012	CLEANING	503.52.8300.524.40042	40.00
G & K SERVICES	118267515	10/17/2012	12446	503.52.8600.527.60045	99.45
GARY'S PEST CONTROL	48364	10/17/2012	GOLF	503.52.8500.526.40040	69.64
GRANDMA'S BAKERY	275150	10/17/2012	24400	503.52.8300.524.76050	38.63
GRANDMA'S BAKERY	275444	10/17/2012	24400	503.52.8300.524.76050	38.63
GRANDMA'S BAKERY	275732	10/17/2012	24400	503.52.8300.524.76050	32.85
GRANDMA'S BAKERY	276383	10/17/2012	24400	503.52.8300.524.76050	32.85
GRANDMA'S BAKERY	276685	10/17/2012	24400	503.52.8300.524.76050	17.84
GRANDMA'S BAKERY	277015	10/17/2012	24400	503.52.8300.524.76050	18.28
GRANDMA'S BAKERY	277622	10/17/2012	24400	503.52.8300.524.76050	21.35
GRANDMA'S BAKERY	277884	10/17/2012	24400	503.52.8300.524.76050	21.33
GRANDMA'S BAKERY	278196	10/17/2012	24400	503.52.8300.524.76050	21.33
GRANDMA'S BAKERY	278512	10/17/2012	24400	503.52.8300.524.76050	20.91
GRANDMA'S BAKERY	27873	10/17/2012	24400	503.52.8300.524.76050	21.29
GRANDMA'S BAKERY	276030	10/17/2012	24400	503.52.8300.524.76050	32.85
HEGGIES PIZZA	1048219	10/17/2012	1708	503.52.8300.524.76150	71.20
JJ TAYLOR DIST. COMPANY OF MN	1917386	10/17/2012	834	503.52.8300.524.76150	206.80
LAWSON PRODUCTS, INC.	9301130759	10/10/2012	ORDER #851156	503.52.8600.527.40042	16.63
M. AMUNDSON LLP	139943	10/17/2012	902858	503.52.8300.524.76050	123.76
MENARDS - WEST ST. PAUL	4795	10/10/2012	30170265	503.52.8600.527.60020	150.50
MTI DISTRIBUTING CO	874521-00	10/17/2012	402307	503.52.8600.527.60008	845.71
MTI DISTRIBUTING CO	874524-00	10/17/2012	402307	503.52.8600.527.60008	860.72
MTI DISTRIBUTING CO	874543-0	10/17/2012	402307	503.52.8600.527.60008	402.92
MTI DISTRIBUTING CO	870909-02	10/17/2012	402307	503.52.8600.527.40042	152.27
MTI DISTRIBUTING CO	870909-03	10/17/2012	402307	503.52.8600.527.40042	106.55
MTI DISTRIBUTING CO	874281-00	10/17/2012	402307	503.52.8600.527.40042	1,244.32
MTI DISTRIBUTING CO	875097-00	10/17/2012	402307	503.52.8600.527.60008	860.68
NAPA AUTO PARTS - WOODBURY	307081	10/17/2012	301	503.52.8600.527.60022	26.72
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	503.52.8500.526.30550	8.30
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	503.52.8600.527.30550	19.60
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	503.52.8000.521.30550	5.65
PING	11492868	10/10/2012	4085	503.52.8200.523.76250	148.68
PIONEER PRESS	0912520544	10/10/2012	ACCT #520544	503.52.8500.526.50025	848.60
PLAISTED COMPANIES, INC.	45615	10/17/2012	INWI	503.52.8600.527.60020	619.85
SOUTH BAY DESIGN	010112	10/10/2012	INVERWOOD	503.52.8500.526.50025	255.00
TDS METROCOM	10/13/12	10/17/2012	6514573667	503.52.8500.526.50020	259.12
TURFWERKS	MI02586	10/17/2012	GOLF COURSE	503.52.8600.527.40042	362.98
TURFWERKS	MI02596	10/17/2012	GOLF COURSE	503.52.8600.527.40042	434.90
US FOODSERVICE	5845209	10/10/2012	CUST #03805983	503.52.8300.524.60065	45.22
US FOODSERVICE	5845209	10/10/2012	CUST #03805983	503.52.8300.524.76050	220.95
US FOODSERVICE	5845209	10/10/2012	CUST #03805983	503.52.8300.524.76100	13.73
US FOODSERVICE	3073167	10/17/2012	3805983	503.52.8300.524.60065	52.24
US FOODSERVICE	3073167	10/17/2012	3805983	503.52.8300.524.76050	211.68
US FOODSERVICE	3223604	10/17/2012	3805983	503.52.8300.524.76050	272.95
WINFIELD SOLUTIONS, LLC	000058164027	10/10/2012	07884532	503.52.8600.527.60035	446.31
WITTEK	286208	10/17/2012	LEON	503.52.8200.523.76400	77.48
XCEL ENERGY	9/28/12 341752591	10/10/2012	51-5754364-1	503.52.8500.526.40020	1,269.71
XCEL ENERGY	9/28/12 341752591	10/10/2012	51-5754364-1	503.52.8600.527.40010	26.72
XCEL ENERGY	9/28/12 341752591	10/10/2012	51-5754364-1	503.52.8500.526.40010	36.54
YOCUM OIL COMPANY, INC.	TICKET #517200	10/17/2012	506975	503.52.8400.525.60021	1,730.30

Fund: 503 - INVER WOOD GOLF COURSE

13,624.93

LEAGUE OF MN CITIES INSURANCE TRU:23615		10/10/2012	COVENANT #VL00037014	602.00.2100.415.50018	1,450.00
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	602.00.2100.415.30550	0.21

Fund: 602 - RISK MANAGEMENT

1,450.21

ARAMARK UNIFORM SERVICES	629-7588472	10/10/2012	15353001	603.00.5300.444.60045	37.00
ARAMARK UNIFORM SERVICES	629-7588472	10/10/2012	15353001	603.00.5300.444.40065	68.12
ARAMARK UNIFORM SERVICES	629-7593214	10/10/2012	15353001	603.00.5300.444.40065	68.12
ARAMARK UNIFORM SERVICES	629-7593214	10/10/2012	15353001	603.00.5300.444.60045	24.97
ARAMARK UNIFORM SERVICES	629-7597911	10/17/2012	13553001	603.00.5300.444.40065	23.18
ARAMARK UNIFORM SERVICES	629-7597911	10/17/2012	13553001	603.00.5300.444.40065	68.12
ARROW PEST CONTROL	10/1/12	10/10/2012	PUBLIC WORKS MAINT FACILITY	603.00.5300.444.40040	72.85
BATTERIES PLUS-WSP	030-567983	10/17/2012	STREETS	603.00.5300.444.40040	80.15
BOYER TRUCKS - PARTS DISTRIBUTION	678123	10/17/2012	M12428RICK	603.00.5300.444.40041	4.38
BOYER TRUCKS - PARTS DISTRIBUTION	I674253	10/10/2012	ORDER #RICK M12428	603.00.5300.444.40041	127.57

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
CARQUEST AUTO PARTS STORES	1596-183770	10/10/2012	614420	603.00.5300.444.60012	75.81
CARQUEST AUTO PARTS STORES	1596-183813	10/10/2012	614420	603.00.5300.444.40041	53.19
CARQUEST AUTO PARTS STORES	1596-183813	10/10/2012	614420	603.140.1450050	8.86
CARQUEST AUTO PARTS STORES	1596-183948	10/10/2012	614420	603.140.1450050	26.41
CARQUEST AUTO PARTS STORES	1596-184103	10/10/2012	CUST #614420	603.00.5300.444.40041	47.01
CARQUEST AUTO PARTS STORES	1596-184105	10/10/2012	614420	603.140.1450050	7.89
CARQUEST AUTO PARTS STORES	1596-184180	10/10/2012	614420	603.00.5300.444.60012	19.64
CARQUEST AUTO PARTS STORES	1596-184386	10/10/2012	614420	603.140.1450050	81.32
CARQUEST AUTO PARTS STORES	1596-184396	10/10/2012	614420	603.00.5300.444.60040	58.24
CARQUEST AUTO PARTS STORES	1596-184471	10/10/2012	614420	603.00.5300.444.40041	23.44
CARQUEST AUTO PARTS STORES	1596-184509	10/10/2012	614420	603.00.5300.444.60012	12.80
CARQUEST OF MSP-ROSEMOUNT	1596-184600	10/17/2012	614420	603.00.5300.444.40041	65.71
CARQUEST OF MSP-ROSEMOUNT	1596-184620	10/17/2012	614420	603.00.5300.444.40041	19.97
CARQUEST OF MSP-ROSEMOUNT	1596-184611	10/17/2012	614420	603.140.1450050	45.01
CLAREY'S SAFETY EQUIPMENT	146513	10/17/2012	FIRE	603.00.5300.444.40041	143.49
COMMON SENSE BUILDING SERVICES, II	30001	10/17/2012	MONTHLY CONTRACT	603.00.5300.444.40040	292.58
CRAWFORD DOOR SALES COMPANY	7608	10/10/2012	JOB SITE #9 MAINT.	603.00.5300.444.40040	143.75
EHLERS AND ASSOCIATES, INC.	345391	10/17/2012	CAPITAL IMPROVEMENT PLAN	603.00.5300.444.70600	3,878.75
ELROY'S ELECTRIC SERVICE	2658	10/10/2012	STREETS	603.00.5300.444.40040	76.00
EMERGENCY APPARATUS MAINTENANC	10/4/12	10/17/2012	WORK ORDER 63995	603.00.5300.444.40041	4,748.58
ENERGY SALES	20196	10/10/2012	INVERG4101	603.00.5300.444.40040	3,673.53
FACTORY MOTOR PARTS COMPANY	1-4000231	10/10/2012	3374197	603.00.5300.444.40041	(83.36)
FACTORY MOTOR PARTS COMPANY	1-4005723	10/10/2012	RICK	603.00.5300.444.40041	38.48
FACTORY MOTOR PARTS COMPANY	1-4005723	10/10/2012	RICK	603.140.1450050	251.88
FACTORY MOTOR PARTS COMPANY	1-4008019	10/17/2012	RICK	603.00.5300.444.40041	399.74
FACTORY MOTOR PARTS COMPANY	1-4008318	10/17/2012	RICK	603.00.5300.444.40041	343.69
FLEETPRIDE	50100129	10/10/2012	SHOP	603.140.1450050	2,972.45
HOSE / CONVEYORS INC	00031410	10/10/2012	CUST #CIT300	603.00.5300.444.40041	129.91
HOSE / CONVEYORS INC	31635	10/10/2012	CIT300	603.00.5300.444.40041	227.76
HOSE / CONVEYORS INC	00031661	10/17/2012	CIT300	603.00.5300.444.40041	260.71
INVER GROVE FORD	5097216	10/10/2012	RICK	603.00.5300.444.40041	152.62
INVER GROVE FORD	10/9/12	10/17/2012	R/O 6102845/1	603.00.5300.444.40041	894.77
KIMBALL MIDWEST	2611739	10/10/2012	ACCT 222006	603.00.5300.444.60012	176.47
KIMBALL MIDWEST	2623183	10/10/2012	ACCT 222006	603.140.1450050	49.70
KIMBALL MIDWEST	2623183	10/10/2012	ACCT 222006	603.00.5300.444.60012	286.41
LIGHTINGHOUSEUSA, INC.	20052	10/10/2012	STREETS	603.00.5300.444.40040	1,358.38
MACQUEEN EQUIPMENT INC	2124971	10/10/2012	STREETS	603.00.5300.444.40041	487.54
MACQUEEN EQUIPMENT INC	2125029	10/17/2012	RICK	603.00.5300.444.40041	802.99
MN REVENUE	10/8/12	10/08/2012	FUEL LICENSE FEE RENEWAL	603.00.5300.444.50070	25.00
MN REVENUE	10/23/12 SEPT 2012 PET TAX PAYI	10/23/2012	10/23/12 SEPT 12 PETROLEUM TAX	603.00.5300.444.60021	236.55
MTI DISTRIBUTING CO	874665-00	10/10/2012	SHOP TOM	603.00.5300.444.40041	173.79
MTI DISTRIBUTING CO	838530-00	10/10/2012	MARK	603.00.5300.444.40041	591.23
NELSON AUTO CENTER	F38725	10/10/2012	STREETS	603.00.5300.444.80700	754.37
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	603.00.5300.444.30550	6.65
POMP'S TIRE SERVICE, INC.	10/1/12	10/10/2012	PUBLIC WORKS 4502557	603.00.5300.444.40041	228.71
R & R CARPET SERVICE	3452	10/17/2012	STREETS	603.00.5300.444.40065	41.15
R & R CARPET SERVICE	3603	10/17/2012	STREETS	603.00.5300.444.40065	41.15
ROSEMOUNT SAW & TOOL CORP	145867	10/10/2012	8206	603.00.5300.444.40042	87.31
ROSEMOUNT SAW & TOOL CORP	146376	10/10/2012	8206	603.00.5300.444.60040	62.20
ROSEMOUNT SAW & TOOL CORP	146377	10/10/2012	8206	603.00.5300.444.40042	322.14
ROSEMOUNT SAW & TOOL CORP	146902	10/10/2012	8206	603.00.5300.444.40042	21.00
ROSEMOUNT SAW & TOOL CORP	146903	10/10/2012	8206	603.00.5300.444.40042	118.99
TITAN MACHINERY	10/3/12	10/17/2012	9INV02	603.00.5300.444.40041	400.33
TOTAL CONSTRUCTION & EQUIP.	55085	10/10/2012	CIT001	603.00.5300.444.40040	231.95
TRACTOR SUPPLY CREDIT PLAN	87639	10/17/2012	STREETS	603.00.5300.444.40041	254.18
TRACTOR SUPPLY CREDIT PLAN	87663	10/08/2012	STREETS	603.00.5300.444.40041	(13.92)
WESTERN PETROLEUM COMPANY	97108272-41801	10/04/2012	112741	603.140.1450050	1,602.96
WESTERN PETROLEUM COMPANY	97108272-41801	10/04/2012	112741	603.00.5300.444.40041	79.55
WESTERN PETROLEUM COMPANY	97106622-41801	10/17/2012	112741	603.00.5300.444.60012	506.48
WESTERN PETROLEUM COMPANY	97106622-41801	10/17/2012	112741	603.140.1450050	1,418.87
YOCUM OIL COMPANY, INC.	516284	10/10/2012	502860	603.140.1450060	12,050.80
YOCUM OIL COMPANY, INC.	516286	10/10/2012	502860	603.140.1450060	5,698.80
YOCUM OIL COMPANY, INC.	516285	10/10/2012	502860	603.140.1450060	3,441.16
ZACK'S, INC.	28128	10/17/2012	28128	603.00.5300.444.60012	113.45
ZARNOTH BRUSH WORKS	0140527-IN	10/10/2012	0024573	603.00.5300.444.40041	265.05

Fund: 603 - CENTRAL EQUIPMENT

51,586.48

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
COORDINATED BUSINESS SYSTEMS, LTD	213015829	10/17/2012	CONTRACT #5000304969000	604.00.2200.416.40050	155.84
HAWK LABELING SYSTEMS	188911	10/10/2012	FIRE DEPT	604.00.2200.416.60010	229.35
S & T OFFICE PRODUCTS	9/30/12	10/10/2012	S28777	604.00.2200.416.60010	82.08
S & T OFFICE PRODUCTS	9/30/12	10/10/2012	S28777	604.00.2200.416.60010	155.34
S & T OFFICE PRODUCTS	9/30/12	10/10/2012	S28777	604.00.2200.416.60010	2,379.19
S & T OFFICE PRODUCTS	9/30/12	10/10/2012	S28777	604.00.2200.416.60010	298.32
S & T OFFICE PRODUCTS	PJ3325	10/17/2012	AQUATIC CENTER	604.00.2200.416.60005	302.08
Fund: 604 - CENTRAL STORES					3,602.20
COMMON SENSE BUILDING SERVICES, II	30001	10/17/2012	MONTHLY CONTRACT	605.00.7500.460.40040	3,717.55
ELECTRIC FIRE & SECURITY	81226	10/17/2012	JOB #123825	605.00.7500.460.40040	369.79
HENRICKSEN PSG	502655	10/10/2012	CITYIGH 82081418	605.00.7500.460.40040	60.00
HILLYARD INC	600418811	10/17/2012	274069	605.00.7500.460.60011	180.23
INTEGRA TELECOM	10097743	10/10/2012	645862	605.00.7500.460.50020	1,696.06
INTEGRA TELECOM	10127271	10/10/2012	887115	605.00.7500.460.50020	1,022.68
MAS COMMUNICATIONS	975	10/17/2012	MONITOR EMERGENCY ELEVATOR f	605.00.7500.460.40040	50.02
NS/I MECHANICAL CONTRACTING CO.	W26415	10/10/2012	CTYOFIGH	605.00.7500.460.40040	566.37
TRUGREEN	402543	10/17/2012	ACCT #6005159426	605.00.7500.460.40040	691.63
ZEE MEDICAL SERVICE	54181501	10/17/2012	CITY HALL, POLICE	605.00.7500.460.60065	90.14
Fund: 605 - CITY FACILITIES					8,444.47
ADVANCED TECHNOLOGY SYSTEMS, INC	66700	10/10/2012	EMAIL DIANE	606.00.1400.413.60010	1,143.58
FIRST IMPRESSION GROUP, THE	49964	10/10/2012	P O JENELLE TEPPEN	606.00.1400.413.60010	195.00
LOGISOLVE LLC	44373	10/17/2012	FINANCIAL SYSTEM PKG SLECTION	606.00.1400.413.30700	809.00
OFFICE OF ENTERPRISE TECHNOLOGY	DV12090439	10/17/2012	200B00171	606.00.1400.413.30750	311.81
OPTUMHEALTH	17296	10/17/2012	CITY OF INVER	606.00.1400.413.30550	6.65
Fund: 606 - TECHNOLOGY FUND					2,466.04
ARAMARK REFRESHMENT SERVICES	1039820	10/17/2012	39398	702.229.2286500	172.32
BATON HOMES	RECEIPT 28680	10/10/2012	REFUND REQUEST FOR ESCROW	702.229.2299800	2,500.00
BUDGET SIGN AND GRAPHICS	54355	10/17/2012	THE GROVE	702.229.2307200	18.70
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	702.229.2291800	55.00
LEVANDER, GILLEN & MILLER P.A.	9/30/12	10/17/2012	SERVICES THRU 9-25-12	702.229.2284901	1,457.00
LILLIE SUBURBAN NEWSPAPERS	8/31/12 A	10/10/2012	1363	702.229.2289600	21.88
LILLIE SUBURBAN NEWSPAPERS	8/31/12 A	10/10/2012	1363	702.229.2284901	34.38
SCOTT COUNTY CLERK OF COURT	10/3/12	10/10/2012	JAMI LU MERRELL	702.229.2291000	285.00
Fund: 702 - ESCROW FUND					4,544.28
LIGHTNING DISPOSAL INC	185925	10/10/2012	10269	703.43.5500.446.60065	4,667.83
SAM'S CLUB	9/14/12 7715090061172300	10/10/2012	7715090061172300	703.43.5500.446.60065	249.57
Fund: 703 - LANDFILL ABATEMENT					4,917.40
Grand Total					914,743.56

CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

Consider Approval of Revised Master Plan for Heritage Village Park

Meeting Date: October 22, 2012
 Item Type: Consent Agenda
 Contact: Eric Carlson – 651.450.2587
 Prepared by: Eric Carlson
 Reviewed by: Mark Borgwardt

Fiscal/FTE Impact:	
<input checked="" type="checkbox"/>	None
<input type="checkbox"/>	Amount included in current budget
<input type="checkbox"/>	Budget amendment requested
<input type="checkbox"/>	FTE included in current complement
<input type="checkbox"/>	New FTE requested – N/A
<input type="checkbox"/>	Other

PURPOSE/ACTION REQUESTED

Recommend approval of the updated Heritage Village Park Master Plan as attached.

SUMMARY

In September 2004 the City of Inver Grove Heights adopted the 1st master plan for Heritage Village Park (attached). This version of the plan envisioned the main entrance to the park at a newly created 64th St crossing of the rail road tracks. The railroad will not approve a crossing of the tracks at 64th St so a different plan was created to provide access to the park.

In December 2011 the City adopted an updated master plan for Heritage Village Park (see attached) based on the fact that property currently owned by Allied Waste would become part of the park.

In April 2012 the City began the process to update the master plan for Heritage Village Park based on the fact that Allied Waste does not appear to be interested in selling their property for park purposes an updated plan was necessary. Brauer’s and Associates was hire in an amount not to exceed \$6,300. Brauer’s involvement was minimized to control costs

Staff met with marina owners and Concord neighborhood businesses to review three concepts that had been developed. We also hosted an open house to solicit feedback. Brauer took all of the comments and developed the attached version of the master plan that we are presenting this evening.

The proposed plan includes all of the program elements that have been in the previously approved plans including:

- Parking
- Future public building
- Playground/Sprayground
- Areas for historic buildings
- Performance area
- Picnic shelters

It is recommended that the attached plan be approved by the Council. The Park and Recreation Commission reviewed this issue on October 10th and is recommending approval.

HERITAGE VILLAGE PARK ON THE MISSISSIPPI MASTER PLAN

CITY OF INVER GROVE HEIGHTS PARKS & RECREATION



CIVIC GREEN SPACE

- OPEN LAWN SPACE USED FOR A VARIETY OF USES, INCLUDING: CIVIC FESTIVALS, ART FAIRS, FARMERS MARKETS, INFORMAL PICNIC SPACE, CAR SHOWS, ETC.
- LOOP TRAIL SYSTEM WITH SEATING NODES, ORNAMENTAL AREAS, AND EXERCISE COURSE

SECONDARY PARK ACCESS

- ACCESS INTO THE PARK FROM 55TH STREET
- PARKING FOR APPROX. 30 CARS
- BUILDING FOR PARK MAINTENANCE / STORAGE, ETC.

OLD TOWN HALL

- OLD TOWN HALL TO BE RESTORED WITH AN ACCEPTABLE NEW USE IN ITS EXISTING HISTORIC LOCATION
- CAN BE USED AS AN INTERIM TRAILHEAD LOCATION UNTIL THE INTERNAL PARK TRAILHEAD IS ESTABLISHED
- CREATE TRAIL CONNECTION TO THE REGIONAL TRAIL SYSTEM

PRIMARY PARK ENTRANCE
(REFER TO SECTION "C" ON GRAPHIC SHEET)

- CREATE ACCESS INTO THE PARK OFF OF 63RD STREET (ACQUIRE PROPERTY AS IT BECOMES AVAILABLE)
- CLOSE 65TH ST. RAILROAD CROSSING ONCE 63RD ST. CROSSING IS ESTABLISHED
- CONTROLLED INTERSECTION AT 63RD ST. & CONCORD BLVD. CREATE GATEWAY FEATURE FOR PARK ENTRANCE AS WELL AS FOR THE CITY OF INVER GROVE HEIGHTS
- CONTROLLED CROSSING ACROSS RAILROAD TRACKS
- ENTRANCE FEATURE PLACED IN CENTER OF ROUNDABOUT

PEDESTRIAN CROSSING

- OVERHEAD CROSSING INTO THE PARK IS AN OVERHEAD CROSSING OVER THE RAILROAD TRACKS
- CONNECTS THE PARK TO CONCORD BLVD.
- BRINGS PEDESTRIANS TO THE CENTRAL GATHERING AREA OF THE PARK

RAILROAD HISTORICAL CENTER

- RECREATED R.R. MAINTENANCE SHOP BUILDING: USED AS RAILROAD MUSEUM AND OUTDOOR CLASSROOM / SHELTERED PICNIC AREA
- PARKING FOR APPROX. 66 CARS AND 4 BUSES
- VENDING
- RESTROOMS
- OUTDOOR INTERACTIVE / HANDS-ON HISTORICAL DISPLAYS INCLUDING RE-CREATED TURNABLE DISPLAY
- SELF-GUIDED HISTORICAL TRAIL

VEGETATIVE BUFFERS

- ENTERS THE PARK SITE ALONG THE EAST SIDE OF THE RAILROAD TRACKS BETWEEN THE TRACKS AND THE GOLF CLUB
- WINDS THROUGH THE PARK SITE AND ALLOWS ACCESS TO RIVER AND OVERLOOKS

100-YR FLOODPLAIN ELEVATION LINE (TYP)

ACTIVE RECREATION AREA

- AREA SET ASIDE FOR MORE ACTIVE RECREATION KEPT IN CLOSE RELATION TO THE CENTRAL GATHERING AREA OF THE PARK
- TYPES OF RECREATION TO BE DEFINED BY NEEDS OF THE PUBLIC / COMMUNITY (IE: INFORMAL GAMES FIELD, VOLLEYBALL, ETC.)

CENTRAL GATHERING AREA

- PARKING AT ENTRANCE TO ACCOMMODATE APPROX. 240 CARS
- REGIONAL TRAILHEAD LOCATION
- LARGE RESERVATION PICNIC SHELTER WITH RESTROOMS, STORAGE, VENDING, ETC. WHICH CAN ACCOMMODATE APPROX. 150-200 PEOPLE
- COMMUNITY PLAYGROUND WITH AN HISTORIC THEME BASED ON THE RAILROAD, RIVER AND ORIGINAL INVER GROVE VILLAGE
- PERFORMANCE AREA: INFORMAL SEATING ON TURF WITH NATURAL STONE SEPARATING LIFTS AND A SMALL STAGE AREA
- PARK IDENTIFICATION AND PARKING AREA FOR APPROX. 56 CARS LOCATED OFF OF THE END OF DOFFING AVE.
- EXISTING POND USED AS BACKDROP FOR PERFORMANCE AREA, HAS PICNIC SPACE LOCATED AROUND A PORTION OF IT, AND COULD POSSIBLY BE USED FOR WINTER SKATING

MISSISSIPPI RIVER REGIONAL TRAIL

- OPTIMAL ROUTE WINDS THROUGH GREEN SPACE SEPARATED FROM THE ROAD WITH SEATING NODES LOCATED AT VARIOUS POINTS.
- INTERIM / OPTIONAL LOCATION OF TRAIL FOLLOWS ALONG DOFFING AVE.
- TRAIL FOLLOWS ALONG RAILBED TO THE SWING BRIDGE AND CONTINUES SOUTH

ECOLOGICAL RESTORATION AREAS

- RESTORATION OF ECOLOGICAL ZONES (WETLAND, FLOODPLAIN)
- SELF-GUIDED NATURE TRAILS WITH EDUCATIONAL AND INTERPRETIVE INFORMATION RELATED TO THE RIVER, WETLANDS AND FLOODPLAIN
- ANIMAL / BIRD VIEWING OPPORTUNITIES

WATERFRONT AREA
(REFER ALSO TO ENLARGEMENT PLAN)

- SEATING & PICNIC SPACES
- OVERHEAD ARBOR BACKDROP TUCKED INTO TREES
- TERRACED PATIO AREA SURROUNDING A SMALL POND / BAY
- BOARDWALK ALONG THE RIVER EDGE
- FISHING DOCKS / OBSERVATION DECKS

CIVIC GREEN SPACE

- OPEN LAWN SPACE USED FOR A VARIETY OF USES, INCLUDING: CIVIC FESTIVALS, ART FAIRS, FARMERS MARKETS, INFORMAL PICNIC SPACE, CAR SHOWS, ETC.
- LOOP TRAIL SYSTEM WITH SEATING NODES AND EDUCATIONAL / HISTORIC INFORMATION LOCATED ALONG THE TRAILS

LEGEND:

- PARK BOUNDARY
- CITY OWNED PROPERTY
- POTENTIAL FUTURE CITY OWNED PROPERTY
- REGIONAL TRAIL SYSTEM
- REGIONAL TRAIL SYSTEM ALTERNATE ROUTE
- PARK TRAIL SYSTEM

SWING BRIDGE REGIONAL TRAIL OVERLOOK

- INCLUDE PART OF THE SWING BRIDGE IN THE REGIONAL TRAIL SYSTEM WITH AN OVERLOOK OF THE RIVER
- RIVER, RAILROAD AND STOCKYARD HISTORIC & INTERPRETIVE EXHIBITS ON THE SWING BRIDGE

Site Plan Graphic Prepared by:
BRAUER
 10417 Excelsior Blvd.
 Suite One
 Hopkins, MN 55343
 Project #04-14
 Date: September 8th, 2004





inver grove heights, mn Heritage Village Park

ON THE MISSISSIPPI RIVER



Infiltration Basin (typ)

Use of basins and rain gardens to collect and pretreat stormwater before entering another water body

Improved Roadway

Improve Doering Ave. with designated turn lanes, adequate separation from adjacent businesses / residents, improved storm water collection, etc.

Historical Buildings

Town Hall and Schoolhouse buildings could be relocated to increase historical significance of the park - depending on final use and costs for relocation. Locations shall be based on use of buildings to fit with appropriate setting, but could be part of the Heritage Gardens

Asphalt Trails

Provides access to park amenities and creates internal loops

Community Space

Open lawn space for various community events, informal sports, etc.

Heritage Gardens

Ornamental gardens containing artifacts, sculptures and interpretive signage displaying the historical significance of the community intertwined with various seating areas and walkways

Event Seating

Small to medium sized park stage for various demonstrations, plays, movies, and park events with adjacent tiered seating in the hillside

Community Space

Open lawn space for various community events, informal sports, etc.

Park Entry

Main park entry with dedicated turning lane, one-way roundabout entrance, park signage monument, drop off area, and parking lots.

Lawn Space

Lawn space designed to recall the roundhouse can be used for many recreational games common with picnics and gatherings, such as lawn volleyball, ladderball, bean bags, croquet, etc.



65th Street Access

65th Street access off of Concord leads to a parking lot and would remain the alternate fire access

Central Play Area

Community sized playground for all age groups and a small splash pad area surrounding an open air picnic shelter

66th Street Gateway

66th Street access off of Concord becomes the main park entrance road with a gateway monument sign along Concord

River Access

Small trail leads down to the river with blocks or large stones creating large steps along the waters edge that can withstand flooding for seating and viewing the river

Rock Island Bridge

Bridge overlook with entrance patio area for gathering and displaying historical information

Deck Overlook

Small deck built on upper railroad track area overlooking the natural areas and river with a staircase leading down to the bridge overlook

History Mystery Node

Location for "clue" associated with a historical themed treasure hunt (typ)

Bridge Gateway

A pedestrian trail leading to the bridge overlook contains historical signage over the trail and a monument sign placed at the end of the roadway, creating a significant gateway to the bridge location

Regional Trailhead

Parking lot for bridge and trailhead with adjacent bike racks, seating, information kiosk, and restroom facilities with City utility services

Park Building

Multi-purpose building provides main park focal point when entering. Building contains full restrooms, picnic space for approx. 200 people, storage, and a patio area with additional picnic space and custom grills overlooking the lawn

Trail Connections

Trail built on previous railroad line provides a neighborhood connection

Trail Stop

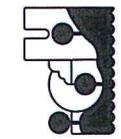
Trail stop with bike racks, information kiosk and maps with directions to Rock Island Bridge are provided along the trail intersection

Regional Trail

Connection to the South

RIVER & ASSOCIATES, INC.
10000 River Road
10017 Lakeside Blvd., Suite 200
Inver Grove Heights, MN 55127
Ph: 651.251.9322
Fax: 651.251.9323
Project # 1027
Date: Dec. 1st, 2010

Master Plan-South



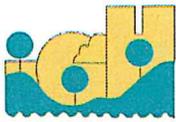
inver grove heights, mn

Heritage Village Park

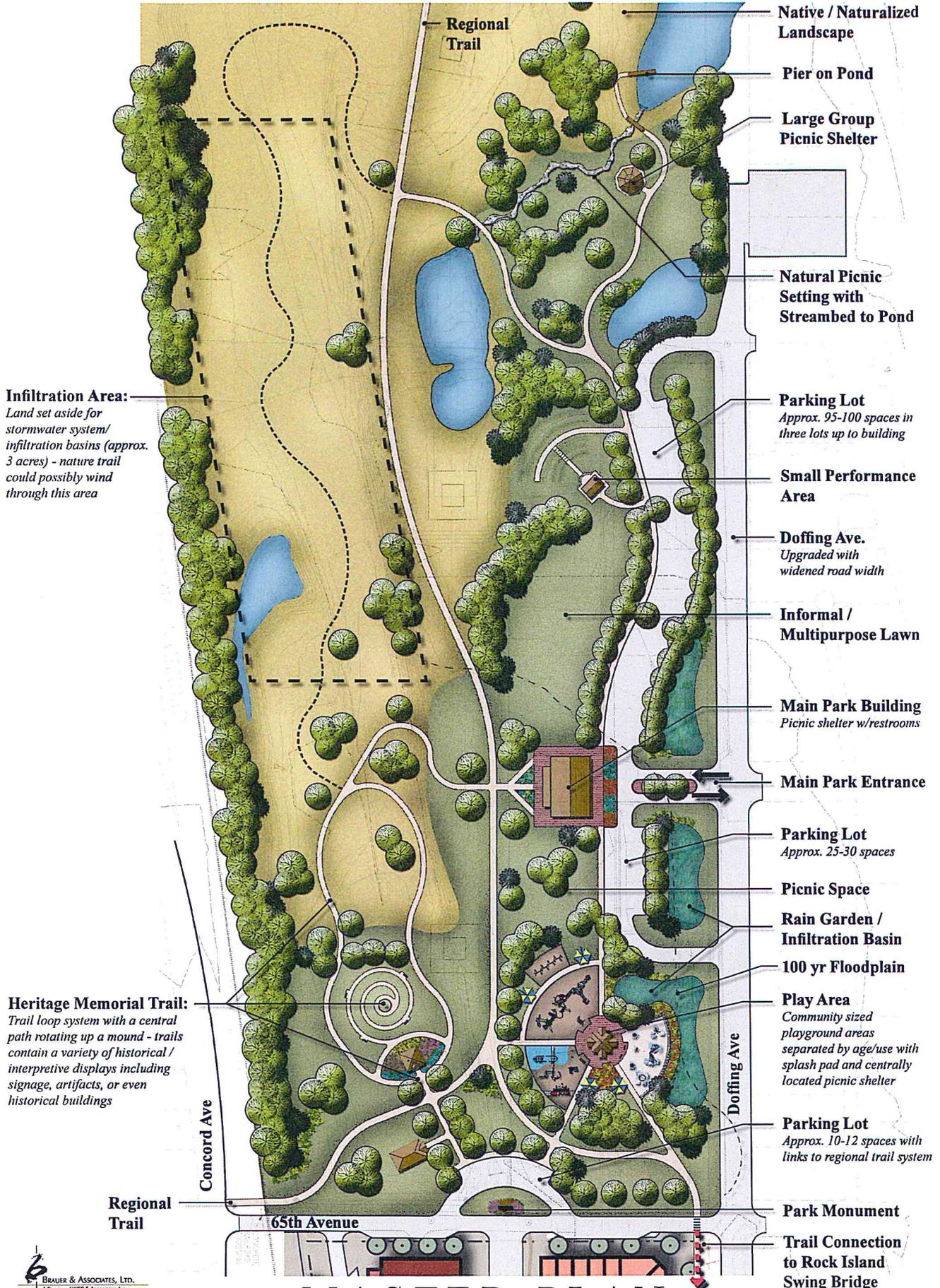
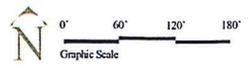
ON THE MISSISSIPPI RIVER

B BRACE & ASSOCIATES, LTD.
LANDSCAPE ARCHITECTURE
10000 W. 10th St. - Suite 200
Minneapolis, MN 55425
Tel: 763-236-6031
Fax: 763-236-6033
Project # 1947
Date: Dec. 1st, 2010





Heritage Village Park ON THE MISSISSIPPI RIVER



Infiltration Area:
Land set aside for stormwater system/ infiltration basins (approx. 3 acres) - nature trail could possibly wind through this area

Heritage Memorial Trail:
Trail loop system with a central path rotating up a mound - trails contain a variety of historical / interpretive displays including signage, artifacts, or even historical buildings

- Native / Naturalized Landscape**
- Pier on Pond**
- Large Group Picnic Shelter**
- Natural Picnic Setting with Streambed to Pond**
- Parking Lot**
Approx. 95-100 spaces in three lots up to building
- Small Performance Area**
- Doffing Ave.**
Upgraded with widened road width
- Informal / Multipurpose Lawn**
- Main Park Building**
Picnic shelter w/restrooms
- Main Park Entrance**
- Parking Lot**
Approx. 25-30 spaces
- Picnic Space**
- Rain Garden / Infiltration Basin**
- 100 yr Floodplain**
- Play Area**
Community sized playground areas separated by age/use with splash pad and centrally located picnic shelter
- Parking Lot**
Approx. 10-12 spaces with links to regional trail system
- Park Monument**
- Trail Connection to Rock Island Swing Bridge**

MASTER PLAN

Certification of Delinquent Utility Bills

Meeting Date: October 22, 2012
 Item Type: Consent
 Contact: Angela Freier 651-450-2520
 Prepared by: Angela Freier, Accounting Tech.
 Reviewed by: Kristi Smith, Finance Director

Fiscal/FTE Impact:

- None
- Amount included in current budget
- Budget amendment requested
- FTE included in current complement
- New FTE requested – N/A
- Other

PURPOSE/ACTION REQUESTED

Approve the resolution certifying delinquent unpaid water and sewer charges to the County to be collected with the other taxes on the property.

SUMMARY

It is our standard practice to certify unpaid, delinquent utility bills to the County to be levied against the respective properties for collection in one year. The City’s Administrative Code, Chapter XVIII, Section 3, subdivision B states that delinquent utility bills shall be certified to the County Auditor. Before such certification, delinquencies will be notified by mail of the amount due and the fact that the delinquency will be certified if not paid by October 10th. The certification shall include a charge of 8% of the delinquent bill to cover administrative handling, plus 8% interest on the unpaid balance.

Each delinquent account was mailed a notice stating that the amount unpaid would be certified to the County Auditor for collection with property taxes. The unpaid balance would have 8% added as interest and 8% added as an administrative handling fee.

The delinquent notices are in addition to reminder notices of unpaid balances mailed monthly throughout the entire year. This procedure is consistent with past years.

The total amount to be certified this year (which includes the 8% administrative charge and the 8% interest) is \$174,413.00 which is \$16,326.00 less than the last year.

In comparing this to prior years, we certified in 2011, \$190,739.00, in 2010, \$464,166.00, in 2009, \$405,186.00, in 2008, \$221,721.00.

Attached to this summary for your action is a resolution certifying unpaid delinquent water and sewer charges to the County Auditor to be collected with other taxes on said property.

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

RESOLUTION NO.

**RESOLUTION CERTIFYING UNPAID DELINQUENT WATER AND SEWER CHARGES TO
THE COUNTY AUDITOR TO BE COLLECTED WITH OTHER TAXES ON SAID PROPERTY**

WHEREAS, City of Inver Grove Heights ordinances establish rules, rates and charges for water and sewer services, and

WHEREAS, the City's Administrative Code Chapter XVIII, Section 3, subdivision B states that delinquent utility bills shall be certified each year to the County Auditor, and

WHEREAS, Minnesota Statutes 444.075 provides that all delinquent water and sewer charges not paid may be certified to the County Auditor with the taxes on such property, and

WHEREAS, each delinquent utility bill has been sent a delinquent notice and intent to certify, and

WHEREAS, an assessment roll will be prepared specifying the amount to be certified against each specific property.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF INVER GROVE HEIGHTS: that

1. There is hereby determined to be a total uncollected amount of delinquent water and/or sewer charges of \$174,413.00.

2. That such amount is hereby certified to the County Auditor for collection with other taxes on said properties.

3. That a copy of this resolution, together with the assessment roll, be sent to the Dakota County Auditor.

Adopted by the City Council of Inver Grove Heights this 22nd day of October 2012.

Ayes:

Nays:

George Tourville, Mayor

ATTEST:

Melissa Kennedy, Deputy Clerk

Parcel ID Number	Special Assessment #	Amount	Effective Year
20 00200 50 031	651	118.00	2012
20 00200 51 020	651	281.00	2012
20 00900 02 030	651	84.00	2012
20 00900 25 060	651	366.00	2012
20 01000 51 060	651	663.00	2012
20 01100 30 090	651	122.00	2012
20 01100 50 030	651	221.00	2012
20 01600 27 012	651	203.00	2012
20 01800 58 111	651	360.00	2012
20 02700 27 050	651	2,557.00	2012
20 02810 75 017	651	278.00	2012
20 02910 77 014	651	120.00	2012
20 02910 79 020	651	147.00	2012
20 03210 75 050	651	289.00	2012
20 03210 76 020	651	554.00	2012
20 03310 83 020	651	506.00	2012
20 03410 53 010	651	619.00	2012
20 03410 53 020	651	367.00	2012
20 11775 01 060	651	1,748.00	2012
20 11852 01 060	651	1,276.00	2012
20 12101 01 180	651	240.00	2012
20 12101 01 250	651	918.00	2012
20 12101 01 670	651	291.00	2012
20 12102 01 040	651	133.00	2012
20 12350 02 030	651	1,254.00	2012
20 12350 03 050	651	100.00	2012
20 13250 01 050	651	100.00	2012
20 13250 01 180	651	87.00	2012
20 13250 01 310	651	594.00	2012
20 13250 02 110	651	737.00	2012
20 13250 02 140	651	804.00	2012
20 13251 01 021	651	305.00	2012
20 13251 01 070	651	153.00	2012
20 13251 01 091	651	159.00	2012
20 13251 01 092	651	448.00	2012
20 13700 01 010	651	1,169.00	2012
20 14070 03 030	651	175.00	2012
20 14100 01 060	651	139.00	2012
20 14100 02 110	651	235.00	2012
20 14150 01 031	651	6,576.00	2012
20 15095 01 270	651	115.00	2012
20 15095 01 710	651	300.00	2012
20 16400 01 050	651	60.00	2012
20 16400 01 080	651	588.00	2012
20 16400 02 050	651	448.00	2012
20 16400 02 080	651	859.00	2012

20	17100	01	100	651	61.00	2012
20	17100	03	040	651	191.00	2012
20	17100	05	050	651	823.00	2012
20	17750	06	030	651	363.00	2012
20	18210	02	111	651	367.00	2012
20	18210	02	207	651	294.00	2012
20	18211	01	060	651	1,109.00	2012
20	18212	01	010	651	504.00	2012
20	18212	07	011	651	60.00	2012
20	18212	07	020	651	711.00	2012
20	18291	01	410	651	71.00	2012
20	18291	01	430	651	250.00	2012
20	18291	01	450	651	134.00	2012
20	18291	01	470	651	65.00	2012
20	18404	01	080	651	732.00	2012
20	18850	01	040	651	255.00	2012
20	18850	01	070	651	550.00	2012
20	18850	03	020	651	251.00	2012
20	18850	03	110	651	794.00	2012
20	18850	03	150	651	367.00	2012
20	18851	02	050	651	105.00	2012
20	18851	02	150	651	160.00	2012
20	18851	03	040	651	1,020.00	2012
20	18851	03	050	651	612.00	2012
20	19500	02	140	651	313.00	2012
20	21050	01	010	651	83.00	2012
20	21050	01	020	651	158.00	2012
20	22100	01	130	651	456.00	2012
20	22100	01	150	651	156.00	2012
20	24400	01	021	651	952.00	2012
20	27400	01	070	651	444.00	2012
20	27400	03	070	651	419.00	2012
20	29500	01	030	651	584.00	2012
20	30250	01	060	651	182.00	2012
20	30250	01	070	651	50.00	2012
20	30250	01	141	651	196.00	2012
20	30250	01	151	651	355.00	2012
20	30250	01	161	651	106.00	2012
20	30300	01	091	651	470.00	2012
20	31100	02	040	651	306.00	2012
20	31100	02	080	651	585.00	2012
20	31100	02	150	651	711.00	2012
20	31100	03	010	651	438.00	2012
20	31100	04	010	651	67.00	2012
20	31100	04	020	651	193.00	2012
20	31101	02	010	651	287.00	2012
20	31101	02	030	651	280.00	2012

20	31101	03	090	651	975.00	2012
20	32700	01	010	651	630.00	2012
20	32700	01	110	651	1,058.00	2012
20	32700	03	060	651	15.00	2012
20	35500	01	020	651	942.00	2012
20	36400	01	190	651	554.00	2012
20	36400	01	200	651	77.00	2012
20	36400	01	340	651	164.00	2012
20	36400	04	311	651	682.00	2012
20	36400	04	330	651	504.00	2012
20	36400	05	060	651	924.00	2012
20	36500	09	210	651	537.00	2012
20	36500	10	041	651	128.00	2012
20	36500	10	092	651	223.00	2012
20	36500	10	271	651	584.00	2012
20	36500	11	291	651	778.00	2012
20	36500	13	040	651	274.00	2012
20	36500	14	170	651	515.00	2012
20	36500	16	020	651	134.00	2012
20	36500	17	070	651	799.00	2012
20	36500	18	190	651	256.00	2012
20	36500	20	020	651	122.00	2012
20	36500	21	110	651	335.00	2012
20	36500	23	110	651	549.00	2012
20	36500	42	021	651	1,812.00	2012
20	36520	01	040	651	578.00	2012
20	36520	01	080	651	772.00	2012
20	36521	02	160	651	295.00	2012
20	36521	04	080	651	697.00	2012
20	36521	05	020	651	700.00	2012
20	36550	04	080	651	76.00	2012
20	36550	05	041	651	207.00	2012
20	36550	05	141	651	398.00	2012
20	36550	05	270	651	806.00	2012
20	36550	06	111	651	762.00	2012
20	36550	06	231	651	701.00	2012
20	36550	07	302	651	693.00	2012
20	38700	00	220	651	174.00	2012
20	39900	00	081	651	319.00	2012
20	42501	00	010	651	140.00	2012
20	43100	02	030	651	418.00	2012
20	43100	03	050	651	75.00	2012
20	43103	01	081	651	604.00	2012
20	43250	00	190	651	647.00	2012
20	43251	01	030	651	178.00	2012
20	43251	01	040	651	256.00	2012
20	43251	04	020	651	181.00	2012

20	43251	04	080	651	313.00	2012
20	44352	02	010	651	371.00	2012
20	44352	12	030	651	62.00	2012
20	44352	13	020	651	100.00	2012
20	44352	16	020	651	113.00	2012
20	44352	18	010	651	95.00	2012
20	44700	03	010	651	137.00	2012
20	47695	01	030	651	815.00	2012
20	48601	01	140	651	128.00	2012
20	48602	02	090	651	502.00	2012
20	48625	04	030	651	156.00	2012
20	50350	01	220	651	953.00	2012
20	50350	02	070	651	646.00	2012
20	50350	02	090	651	310.00	2012
20	50350	02	100	651	326.00	2012
20	51000	01	050	651	244.00	2012
20	51000	02	080	651	197.00	2012
20	51001	01	020	651	484.00	2012
20	51001	02	010	651	119.00	2012
20	53500	01	102	651	633.00	2012
20	53500	01	300	651	680.00	2012
20	53530	01	061	651	284.00	2012
20	53530	03	071	651	202.00	2012
20	53651	02	010	651	246.00	2012
20	53651	02	030	651	65.00	2012
20	53651	03	010	651	928.00	2012
20	53651	05	030	651	616.00	2012
20	53651	06	030	651	587.00	2012
20	53651	06	050	651	60.00	2012
20	53651	09	040	651	516.00	2012
20	53651	10	010	651	915.00	2012
20	53651	10	030	651	301.00	2012
20	53651	11	040	651	362.00	2012
20	53652	04	040	651	110.00	2012
20	53652	06	010	651	591.00	2012
20	53652	06	020	651	439.00	2012
20	53652	06	040	651	258.00	2012
20	53652	08	020	651	135.00	2012
20	53652	11	040	651	283.00	2012
20	53652	13	020	651	100.00	2012
20	53652	19	040	651	339.00	2012
20	53652	25	030	651	301.00	2012
20	53652	27	020	651	210.00	2012
20	53652	27	040	651	594.00	2012
20	53652	28	040	651	281.00	2012
20	53652	30	030	651	285.00	2012
20	53700	02	100	651	628.00	2012

20	53700	02	160	651	72.00	2012
20	54880	01	030	651	372.00	2012
20	56730	01	030	651	87.00	2012
20	58500	03	120	651	93.00	2012
20	58500	04	060	651	263.00	2012
20	63251	01	040	651	1,304.00	2012
20	63251	01	050	651	1,105.00	2012
20	64050	01	040	651	54.00	2012
20	64200	02	030	651	415.00	2012
20	64200	05	190	651	177.00	2012
20	64450	01	030	651	1,133.00	2012
20	64450	01	060	651	628.00	2012
20	64500	02	050	651	153.00	2012
20	64502	02	180	651	149.00	2012
20	64504	01	050	651	224.00	2012
20	64504	01	102	651	532.00	2012
20	64504	02	130	651	1,044.00	2012
20	65951	01	100	651	433.00	2012
20	65951	02	040	651	431.00	2012
20	65951	02	060	651	857.00	2012
20	66200	01	301	651	115.00	2012
20	66500	02	090	651	585.00	2012
20	67100	01	130	651	103.00	2012
20	68200	00	050	651	538.00	2012
20	68200	00	072	651	494.00	2012
20	68300	02	205	651	264.00	2012
20	68300	02	401	651	155.00	2012
20	69300	01	040	651	489.00	2012
20	69300	06	020	651	852.00	2012
20	69300	07	080	651	570.00	2012
20	71150	01	140	651	175.00	2012
20	71150	01	150	651	297.00	2012
20	71150	02	040	651	1,027.00	2012
20	71150	02	130	651	587.00	2012
20	71150	03	060	651	321.00	2012
20	71150	04	190	651	443.00	2012
20	71150	05	080	651	1,315.00	2012
20	71150	06	050	651	126.00	2012
20	71151	01	282	651	713.00	2012
20	71151	02	010	651	107.00	2012
20	71151	04	240	651	854.00	2012
20	71151	05	120	651	1,277.00	2012
20	71151	06	130	651	410.00	2012
20	71151	06	150	651	257.00	2012
20	71151	06	170	651	1,346.00	2012
20	71151	06	290	651	279.00	2012
20	71152	02	200	651	309.00	2012

20	71152	02	220	651	605.00	2012
20	71152	03	220	651	85.00	2012
20	71152	04	050	651	537.00	2012
20	71152	04	120	651	154.00	2012
20	71152	04	170	651	95.00	2012
20	71152	05	070	651	824.00	2012
20	71152	05	110	651	69.00	2012
20	71152	05	180	651	334.00	2012
20	71152	05	200	651	509.00	2012
20	71152	06	040	651	594.00	2012
20	71152	06	200	651	107.00	2012
20	71152	07	180	651	581.00	2012
20	71153	01	080	651	852.00	2012
20	71153	01	130	651	25.00	2012
20	71153	04	050	651	667.00	2012
20	71153	04	080	651	102.00	2012
20	71153	05	050	651	608.00	2012
20	71153	06	020	651	1,128.00	2012
20	71153	06	100	651	75.00	2012
20	71153	06	160	651	877.00	2012
20	71153	07	150	651	91.00	2012
20	71153	08	100	651	1,031.00	2012
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20	71153	09	110	651	115.00	2012
20	71154	01	200	651	619.00	2012
20	71154	03	060	651	534.00	2012
20	71154	03	100	651	788.00	2012
20	71154	03	140	651	244.00	2012
20	71154	04	012	651	1,147.00	2012
20	71154	05	150	651	664.00	2012
20	71155	01	020	651	965.00	2012
20	71155	01	040	651	966.00	2012
20	71155	06	020	651	667.00	2012
20	71156	00	060	651	475.00	2012
20	71156	01	030	651	569.00	2012
20	71156	01	210	651	1,467.00	2012
20	71156	03	050	651	1,174.00	2012
20	71157	01	010	651	96.00	2012
20	71157	01	260	651	272.00	2012
20	71157	02	140	651	278.00	2012
20	71157	02	150	651	59.00	2012
20	71157	02	290	651	295.00	2012
20	71157	03	240	651	255.00	2012
20	71157	04	030	651	458.00	2012
20	71157	04	120	651	280.00	2012
20	71157	05	100	651	508.00	2012
20	71157	06	090	651	182.00	2012

20	71157	07	110	651	509.00	2012
20	71160	01	080	651	1,575.00	2012
20	71160	01	120	651	1,733.00	2012
20	71160	02	040	651	512.00	2012
20	71160	02	180	651	1,051.00	2012
20	71160	03	280	651	856.00	2012
20	71160	03	470	651	177.00	2012
20	71160	05	080	651	71.00	2012
20	71160	05	160	651	634.00	2012
20	71160	08	040	651	123.00	2012
20	71160	09	010	651	510.00	2012
20	71160	09	020	651	128.00	2012
20	71160	09	070	651	661.00	2012
20	71160	09	080	651	213.00	2012
20	71161	02	050	651	423.00	2012
20	71161	03	020	651	272.00	2012
20	71161	03	100	651	148.00	2012
20	71161	04	060	651	278.00	2012
20	71161	05	080	651	1,119.00	2012
20	71161	06	030	651	799.00	2012
20	71163	01	120	651	67.00	2012
20	71163	01	170	651	285.00	2012
20	71163	02	060	651	596.00	2012
20	71163	03	020	651	584.00	2012
20	71163	03	170	651	493.00	2012
20	71163	03	300	651	731.00	2012
20	71163	04	030	651	489.00	2012
20	71163	04	140	651	848.00	2012
20	71275	01	060	651	328.00	2012
20	71275	01	110	651	337.00	2012
20	71275	01	170	651	249.00	2012
20	71275	02	070	651	551.00	2012
20	71290	01	541	651	65.00	2012
20	71290	01	542	651	87.00	2012
20	71395	05	070	651	219.00	2012
20	71397	01	060	651	90.00	2012
20	71397	03	020	651	190.00	2012
20	71397	03	040	651	627.00	2012
20	71398	01	010	651	4,213.00	2012
20	71399	01	040	651	910.00	2012
20	71399	01	090	651	1,255.00	2012
20	71399	02	070	651	193.00	2012
20	72450	01	110	651	392.00	2012
20	73250	02	140	651	202.00	2012
20	76500	01	050	651	660.00	2012
20	76500	02	050	651	133.00	2012
20	77500	01	090	651	103.00	2012

20	77500	01	280	651	123.00	2012
20	77500	01	370	651	154.00	2012
20	80900	00	040	651	287.00	2012
20	81300	01	020	651	838.00	2012
20	81300	01	130	651	534.00	2012
20	81300	02	080	651	404.00	2012
20	81400	01	030	651	130.00	2012
20	81403	02	206	651	523.00	2012
20	81500	01	310	651	152.00	2012
20	81501	01	030	651	115.00	2012
20	81501	01	050	651	949.00	2012
20	81501	01	090	651	340.00	2012
20	82100	02	060	651	603.00	2012
20	82100	02	100	651	230.00	2012
20	82100	03	020	651	1,538.00	2012
20	82100	04	040	651	243.00	2012
20	82100	06	090	651	161.00	2012
20	82100	06	280	651	736.00	2012
20	82100	07	050	651	149.00	2012
20	83900	02	020	651	104.00	2012
20	84300	01	020	651	1,455.00	2012
20	84300	01	070	651	149.00	2012
20	84300	01	100	651	451.00	2012
20	84300	01	130	651	2,239.00	2012
20	84300	02	041	651	495.00	2012
20	84300	03	021	651	761.00	2012
20	84600	04	050	651	846.00	2012
20	88100	01	090	651	100.00	2012
20	88100	02	010	651	207.00	2012
					174,413.00	

CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

Consider Change Order No. 3 and Pay Voucher No. 5 for City Project No. 2012-09D – Urban Street Reconstruction, 65th Street Neighborhood and Cahill Court

Meeting Date: October 22, 2012
 Item Type: Consent
 Contact: Thomas J. Kaldunski, 651.450.2572
 Prepared by: Thomas J. Kaldunski, City Engineer
 Reviewed by: Scott D. Thureen, Public Works Director

SAT SB

Fiscal/FTE Impact:

- None
- Amount included in current budget
- Budget amendment requested
- FTE included in current complement
- New FTE requested – N/A
- Other: Pavement Management Fund, Special Assessments, MSA Funds, Water Fund, Sewer Fund

PURPOSE/ACTION REQUESTED

Consider Change Order No. 3 and Pay Voucher No. 5 for City Project No. 2012-09D – Urban Street Reconstruction, 65th Street Neighborhood and Cahill Court.

SUMMARY

The improvements were ordered as part of the 2012 Pavement Management Program. The contract was awarded in the amount of \$4,715,686.33 to Friedges Contracting Co., LLC, on May 14, 2012 for City Project No. 2012-09D 65th Street Neighborhood and Cahill Court Urban Reconstruction.

The change order items related to the lead contamination and temporary paving will be funded by the Contingency Funds (\$5,500.25). The change order items related to the pressure reducing vault and gate valve bolts will be funded through the Water Utility Fund (\$6,437.50).

I recommend approval of Change Order No. 3, in the amount of \$11,937.75 (for a revised contract amount of \$4,727,624.08), and Pay Voucher No. 5 in the amount of \$669,691.19 for work on City Project No. 2012-09D – Urban Street Reconstruction, 65th Street Neighborhood and Cahill Court.

TJK/kf

Attachments: Change Order No. 3
Pay Voucher No. 5

**CITY OF INVER GROVE HEIGHTS
CONSTRUCTION PAY VOUCHER**

ESTIMATE NO: 5 (Five)
DATE: October 16, 2012
PERIOD ENDING: October 5, 2012
CONTRACT: 2012 Pavement Management Program
PROJECT NO: 2012-09D – Urban Street Reconstruction, 65th Street Neighborhood and Cahill Court

TO: Friedges Contracting Co., LLC.
21980 Kenrick Ave.
Lakeville, MN 55044

Original Contract Amount	\$4,715,686.33
Total Addition	\$11,937.75
Total Deduction	\$0.00
Total Contract Amount.....	\$4,727,624.08
Total Value of Work to Date.....	\$2,610,085.25
Less Retained (5%).....	\$130,504.26
Less Previous Payment.....	\$1,809,889.80
Total Approved for Payment this Voucher.....	\$669,691.19 <i>SB</i>
Total Payments including this Voucher	\$2,479,580.99

Approvals:

Pursuant to our field observation, I hereby recommend for payment the above stated amount for work performed through October 5, 2012.

Signed by: _____ October 16, 2012
Thomas J. Kaldunski, City Engineer

Signed by: _____
Friedges Contracting Co., LLC Date

Signed by: _____ October 22, 2012
George Tourville, Mayor

CHANGE ORDER NO. 3

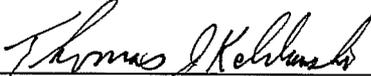
**2012 PAVEMENT MANAGEMENT PROGRAM
CITY PROJECT NO. 2012-09D
URBAN STREET RECONSTRUCTION – 65TH STREET NEIGHBORHOOD AND CAHILL COURT**

Owner: City of Inver Grove Heights 8150 Barbara Avenue Inver Grove Heights, MN 55077	Date of Issuance: October 16, 2012
Contractor: Friedges Contracting Co., LLC. 21980 Kenrick Ave. Lakeville, MN 55044	Engineer: Bolton & Menk, Inc.

PURPOSE OF CHANGE ORDER: See attached.

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIME
Original Contract Price: \$4,715,686.33	Original Contract Time:
Previous Change Orders -	Net Change from Previous Change Orders
Contract Price Prior to this Change Order \$4,715,686.33	Contract Time Prior to this Change Order
Net Increase of this Change Order \$11,937.75	Net Increase (Decrease) of Change Order
Contract Price with all Approved Change Orders \$4,727,624.08	Contract Time with Approved Change
Recommended By:  Nick Hahn, Engineering Technician	Approved By: _____ Friedges Contracting Co., LLC.

Approved By:



Thomas J. Kaldunski, City Engineer

Approved By:

George Tourville, Mayor

Date of Council Action:

October 22, 2012

ATTACHMENT TO CHANGE ORDER NO. 3

CITY PROJECT NO. 2012-09D – URBAN STREET RECONSTRUCTION 65TH STREET NEIGHBORHOOD AND CAHILL COURT

Description of Changes:

Location of Limits of Lead Contamination

American Engineering Testing (AET) was hired by the City to perform environmental testing to determine the limits of the lead contamination area on Buckley Way. Friedges Contracting performed the excavation work necessary for AET to collect samples for testing. Samples were excavated and collected on August 15, 2012, and again on September 5, 2012. This work was done as time-and-materials work with an agreed price of \$1,045.00.

Total Cost to Locate Limits of Lead Contamination = \$1,045.00

Temporary Paving Along Cahill Ave. at 65th St. and at Buckley Way for Inver Grove Heights Days Parade

City Engineering staff requested that Friedges Contracting provide a safe pedestrian crossing along Cahill Ave. at 65th St. and at Buckley Way for the parade attendants. The area was under construction during the Inver Grove Heights Days Parade, and staff wanted to make sure that the construction did not create an unsafe condition or cause unnecessary inconvenience. This work was done as time-and-materials work with an agreed price of \$4,455.25.

Total Cost of Temporary Paving for Parade = \$4,455.25

36 Inch Riser for Pressure Reducing Vault on 65th Street

The water main on 65th Street was approximately 36 inches deeper than what is typical for water main depth in the area that received the new pressure reducing vault. As a result of this, a 36 inch riser needed to be installed under the cover to raise it to the grade of the street. This work was done as time-and-materials work with an agreed price of \$2,902.50.

Total Cost of 36 Inch Riser for Pressure Reducing Vault = \$2,902.50

Replacement of Gate Valve Bolts on Cahill Court

The Project Plans call for replacement of the existing gate valves on Cahill Court, however, the water main there is a 30-inch transmission line and is not easily shut down to perform work without causing major disruption to the water main system. The Public Works Utilities Division determined that it would be adequate to replace the gate valve bolts only, rather than the entire valves, thereby eliminating the need to shut down the 30-inch transmission line. This work was done as time-and-materials work with an agreed price of \$3,535.00.

Total Cost of Gate Valve Bolt Replacement = \$3,535.00

Total Cost or Revisions \$11,937.75

PAYMENT DETAIL LIST

Contract: CP NO. 2012-09D
 Owner: City of Inver Grove Heights
 Project: 2012 Urban Street Reconstruction - 65th Street Neighborhood

BMI Job No: T18.103889

Schedule: A
 Description: Street Improvements

Item No.	Mn/DOT No.	Item Description	Unit	Estimated Quantity	Quantity To-Date	Contract Unit Price	Total Estimated Cost	Total Contract Cost To-Date
1	2013.601	ENVIRONMENTAL CLEANUP	LUMP SUM	1.00	1.00	\$30,000.00	\$ 30,000.00	\$ 30,000.00
2	2021.501	MOBILIZATION	LUMP SUM	1.00	1.00	\$58,000.00	\$ 58,000.00	\$ 58,000.00
3	2031.601	FIELD OFFICE	LUMP SUM	1.00	0.26	\$12,500.00	\$ 12,500.00	\$ 3,250.00
4	2101.502	CLEARING	EACH	23.00	32.00	\$300.00	\$ 6,900.00	\$ 9,600.00
5	2101.507	GRUBBING	EACH	23.00	35.00	\$300.00	\$ 6,900.00	\$ 10,500.00
6	2104.501	REMOVE GUARD RAIL	LIN FT	465.00		\$2.70	\$ 1,255.50	\$ -
7	2104.501	REMOVE EXISTING CURB & GUTTER	LIN FT	27,306.00	21,792.00	\$2.95	\$ 80,552.70	\$ 64,286.40
8	2104.505	REMOVE CONCRETE WALK	SQ YD	8,362.00	18.00	\$0.55	\$ 4,599.10	\$ 9.90
9	2104.505	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	1,880.00	1,117.00	\$5.85	\$ 10,998.00	\$ 6,534.45
10	2104.505	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	3,140.00	2,406.00	\$2.85	\$ 8,949.00	\$ 6,857.10
11	2104.505	REMOVE BITUMINOUS TRAIL	SQ YD	227.00		\$3.35	\$ 760.45	\$ -
12	2104.507	REMOVE CONCRETE RUBBLE	CU YD	120.00	111.00	\$38.50	\$ 4,620.00	\$ 4,273.50
13	2104.509	REMOVE SIGN TYPE C	EACH	63.00		\$25.00	\$ 1,575.00	\$ -
14	2104.618	SALVAGE DRIVEWAY PAVERS	SQ FT	50.00		\$7.50	\$ 375.00	\$ -
15	2105.501	COMMON EXCAVATION (P)	CU YD	57,618.00	50,461.00	\$8.00	\$ 460,944.00	\$ 403,688.00
16	2105.507	SUBGRADE EXCAVATION	CU YD	1,158.00		\$9.00	\$ 10,422.00	\$ -
17	2105.525	TOPSOIL BORROW (LV)	CU YD	4,391.00	174.00	\$15.00	\$ 65,865.00	\$ 2,610.00
18	2105.526	SELECT TOPSOIL BORROW (LV)	CU YD	7,058.00	1,900.00	\$17.50	\$ 123,515.00	\$ 33,250.00
19	2105.541	STABILIZING AGGREGATE (2 1/2" MINUS)	CU YD	1,218.00		\$0.01	\$ 12.18	\$ -
20	2105.602	EXCAVATION SPECIAL (POTHOLE EXISTING UTILITY)	HOUR	50.00	1.00	\$135.00	\$ 6,750.00	\$ 135.00
21	2105.604	GEOTEXTILE FABRIC TYPE V	SQ YD	67,533.00	11,444.00	\$1.00	\$ 67,533.00	\$ 11,444.00
22	2105.609	SELECT GRANULAR BORROW (CV)	CU YD	45,206.00	33,884.00	\$11.95	\$ 540,211.70	\$ 404,913.80
23	2118.501	AGGREGATE SURFACING, CLASS 2 (DRIVEWAY)	TON	20.00		\$25.00	\$ 500.00	\$ -

24	2123.61	STREET SWEEPER (WITH PICKUP BROOM)	HOUR	250.00	4.85	\$100.00	\$	25,000.00	\$	485.00
25	2211.501	AGGREGATE BASE, CLASS 5	TON	6,760.00	1,928.31	\$0.01	\$	67.60	\$	19.28
26	2211.501	AGGREGATE BASE, CLASS 5 (100% CRUSHED LIMESTONE)	TON	2,189.00	1,639.40	\$14.75	\$	32,287.75	\$	24,181.15
27	2232.501	MILL BITUMINOUS SURFACE (EDGE MILL)	SQ YD	2,258.00	2,706.00	\$2.65	\$	5,983.70	\$	7,170.90
28	2301.607	HIGH EARLY STRENGTH CONCRETE	CU YD	100.00	54.00	\$14.25	\$	1,425.00	\$	769.50
29	2331.604	BITUMINOUS PAVEMENT. RECLAM.	SQ YD	58,312.00	43,987.00	\$3.25	\$	189,514.00	\$	142,957.75
30	2357.502	BITUMINOUS MATERIAL FOR TACK COAT	GAL	4,826.00	725.00	\$3.00	\$	14,478.00	\$	2,175.00
31	2360.501	TYPE SP 9.5 WEARING COURSE MIXTURE (3.C)	TON	6,749.00	1,187.64	\$59.00	\$	398,191.00	\$	70,070.76
32	2360.501	TYPE SP 9.5 WEARING COURSE MIXTURE (3.B)	TON	461.00	169.61	\$57.00	\$	26,277.00	\$	9,667.77
33	2360.502	TYPE SP 12.5 NON-WEARING COURSE MIXTURE (3.C)	TON	6,749.00	3,277.12	\$60.00	\$	404,940.00	\$	196,627.20
34	2360.502	TYPE SP 12.5 NON-WEARING COURSE MIXTURE (3.B)	TON	3,499.00	566.76	\$54.00	\$	188,946.00	\$	30,605.04
35	2360.604	FULL DEPTH BITUMINOUS PATCHING (STREET)	SQ YD	280.00		\$21.00	\$	5,880.00	\$	-
36	2360.604	2.5" BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	3,295.00	3,483.00	\$25.50	\$	84,022.50	\$	88,816.50
37	2502.541	4" PERF PVC PIPE DRAIN	LIN FT	15,681.00	16,249.00	\$3.50	\$	54,883.50	\$	56,871.50
38	2502.541	6" PERF PVC PIPE DRAIN	LIN FT	11,547.00	5,480.00	\$4.50	\$	51,961.50	\$	24,660.00
39	2503.602	CONNECT TO EXISTING DRAINAGE STRUCTURE (DRAIN TILE)	EACH	21.00	5.00	\$205.00	\$	4,305.00	\$	1,025.00
40	2506.522	ADJUST FRAME AND RING CASTING (SANITARY)	EACH	32.00	19.00	\$625.00	\$	20,000.00	\$	11,875.00
41	2506.522	ADJUST FRAME AND RING CASTING (STORM)	EACH	28.00	4.00	\$415.00	\$	11,620.00	\$	1,660.00
42	2521.501	4" CONCRETE WALK	SQ FT	8,334.00	99.00	\$3.45	\$	28,752.30	\$	341.55
43	2521.604	3" BITUMINOUS PATH PAVEMENT	SQ YD	266.00		\$34.55	\$	8,844.80	\$	-
44	2531.501	CONCRETE CURB AND GUTTER (HAND POUR)	LIN FT	500.00	112.00	\$14.55	\$	7,275.00	\$	1,629.60
45	2531.501	CONCRETE CURB AND GUTTER DESIGN B618	LIN FT	27,228.00	12,313.00	\$9.35	\$	254,581.80	\$	115,126.55
46	2531.507	6" CONCRETE DRIVEWAY PAVEMENT (RESIDENTIAL)	SQ YD	1,019.00	730.00	\$41.00	\$	41,779.00	\$	29,930.00
47	2531.507	8" CONCRETE DRIVEWAY PAVEMENT (COMMERCIAL)	SQ YD	997.00	165.00	\$45.00	\$	44,865.00	\$	7,425.00
48	2531.602	PEDESTRIAN CURB RAMP	EACH	35.00	3.00	\$450.00	\$	15,750.00	\$	1,350.00
49	2531.603	SPOT CURB REPLACEMENT	LIN FT	500.00	77.00	\$14.00	\$	7,000.00	\$	1,078.00
50	2531.603	CONCRETE VALLEY GUTTER	LIN FT	189.00	28.00	\$16.00	\$	3,024.00	\$	448.00

51	2531.618	CONCRETE WING APRON	SQ FT	1,291.00	1,091.00	\$4.60	\$5,938.60	\$	5,018.60
52	2540.601	MAILBOX MAINTENANCE	LUMP SUM	1.00	0.76	\$15,000.00	\$15,000.00	\$	11,400.00
53	2540.618	INSTALL SALVAGED DRIVEWAY PAVERS	SQ FT	50.00		\$12.00	\$600.00	\$	-
54	2554.501	TRAFFIC BARRIER DESIGN B8338	LIN FT	213.00		\$18.15	\$3,865.95	\$	-
55	2554.501	TRAFFIC BARRIER DESIGN SPECIAL	LIN FT	100.00		\$74.75	\$7,475.00	\$	-
56	2554.523	END TREATMENT - FLARED TERMINAL	EACH	4.00		\$2,145.00	\$8,580.00	\$	-
57	2563.601	TRAFFIC CONTROL	LUMP SUM	1.00	0.82	\$17,000.00	\$17,000.00	\$	13,940.00
58	2564.531	SIGN PANELS, TYPE C	SQ FT	252.00		\$30.00	\$7,560.00	\$	-
59	2564.602	SALVAGE AND RE-INSTALL SIGN	EACH	34.00		\$50.00	\$1,700.00	\$	-
60	2572.505	PRUNE TREES	HOURL	15.00		\$75.00	\$1,125.00	\$	-
61	2573.505	FLOTATION SILT CURTAIN (WORK AREA TYPE)	LIN FT	200.00		\$22.00	\$4,400.00	\$	-
62	2573.53	STORM DRAIN INLET PROTECTION	EACH	103.00	100.00	\$115.00	\$11,845.00	\$	11,500.00
63	2573.54	FILTER LOG TYPE COMPOST BIOROLL	LIN FT	4,013.00	176.00	\$4.45	\$17,857.85	\$	783.20
64	2573.55	EROSION CONTROL SUPERVISOR	LUMP SUM	1.00	0.76	\$1,000.00	\$1,000.00	\$	760.00
65	2573.601	DEWATERING (EXCAVATION)	LUMP SUM	1.00		\$1.00	\$1.00	\$	-
66	2573.602	TEMPORARY ROCK CONSTRUCTION ENTRANCE	EACH	7.00	1.00	\$745.00	\$5,215.00	\$	745.00
67	2575.505	SODDING, TYPE LAWN	SQ YD	22,865.00	10,257.00	\$2.65	\$60,592.25	\$	27,181.05
68	2575.511	MULCH MATERIAL TYPE 1	TON	10.00		\$300.00	\$3,000.00	\$	-
69	2575.523	EROSION CONTROL BLANKET CATEGORY 4	SQ YD	3,137.00		\$1.45	\$4,548.65	\$	-
70	2575.545	WEED SPRAYING	ACRE	8.70		\$300.00	\$2,610.00	\$	-
71	2575.56	HYDRAULIC SOIL STABILIZER, TYPE SPECIAL (FLEXTERRA)	POUND	6,485.00		\$1.20	\$7,782.00	\$	-
72	2575.602	RESTORATION OF STAGING AREAS	LUMP SUM	1.00		\$7,500.00	\$7,500.00	\$	-
73	2575.605	SEEDING, MNDOT MIX NO. 250	ACRE	0.45		\$800.00	\$360.00	\$	-
74	2575.605	SEEDING, MNDOT MIX NO. 260	ACRE	2.23		\$850.00	\$1,895.50	\$	-
75	2575.605	SEEDING, MNDOT MIX NO. 350	ACRE	2.60	0.35	\$875.00	\$2,275.00	\$	306.25
76	2582.502	4" SOLID LINE, WHITE EPOXY	LIN FT	9,802.00		\$0.35	\$3,430.70	\$	-
77	2582.502	4" DOUBLE SOLID LINE, YELLOW EPOXY	LIN FT	4,901.00		\$0.75	\$3,675.75	\$	-
78	2757.57	RAPID STABILIZATION, METHOD 2	ACRE	12.50		\$1,575.00	\$19,687.50	\$	-

Schedule A Subtotal: \$ 3,661,912.83 \$ 1,947,952.30

Schedule: B
 Description: Storm Sewer Improvements

Item No.	Mn/DOT No.	Item Description	Unit	Estimated Quantity	Quantity To-Date	Contract Unit Price	Total Estimated Cost	Total Contract Cost To-Date
79	2104.501	REMOVE SEWER PIPE (STORM)	LIN FT	2,469.00	1,412.00	\$9.50	\$ 23,455.50	\$ 13,414.00
80	2104.509	REMOVE MANHOLE OR CATCHBASIN	EACH	68.00	42.00	\$215.00	\$ 14,620.00	\$ 9,030.00
81	2104.509	REMOVE CASTING AND RINGS (STORM)	EACH	2.00	1.00	\$1.00	\$ 2.00	\$ 1.00
82	2104.509	REMOVE CONCRETE FLARED END SECTION	EACH	8.00		\$300.00	\$ 2,400.00	\$ -
83	2501.515	15" RC PIPE APRON	EACH	3.00		\$1,075.00	\$ 3,225.00	\$ -
84	2501.515	24" RC PIPE APRON	EACH	1.00	1.00	\$1,445.00	\$ 1,445.00	\$ 1,445.00
85	2501.602	TRASH GUARD FOR 15" PIPE APRON	EACH	2.00		\$1.00	\$ 2.00	\$ -
86	2501.602	SALVAGE AND RE-INSTALL FLARED END SECTION	EACH	1.00		\$785.00	\$ 785.00	\$ -
87	2501.602	EXISTING FLARED END SECTION RESTORATION	EACH	3.00		\$785.00	\$ 2,355.00	\$ -
88	2503.541	15" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	3,329.00	2,171.50	\$22.50	\$ 74,902.50	\$ 48,858.75
89	2503.541	18" RC PIPE SEWER DESIGN 3006 CLASS III	LIN FT	1,036.00	809.00	\$25.50	\$ 26,418.00	\$ 20,629.50
90	2503.541	21" RC PIPE SEWER DESIGN 3006 CLASS III	LIN FT	27.00	40.00	\$30.50	\$ 823.50	\$ 1,220.00
91	2503.541	24" RC PIPE SEWER DESIGN 3006 CLASS III	LIN FT	68.00	505.00	\$34.50	\$ 2,346.00	\$ 17,422.50
92	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	55.00	36.00	\$900.00	\$ 49,500.00	\$ 32,400.00
93	2503.602	CUT-IN STORM MANHOLE	EACH	4.00	3.00	\$2,150.00	\$ 8,600.00	\$ 6,450.00
94	2504.602	CONSTRUCT BULKHEAD (STORM)	EACH	4.00	5.00	\$285.00	\$ 1,140.00	\$ 1,425.00
95	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL (CB-2'X3')	EACH	46.00	32.00	\$1,450.00	\$ 66,700.00	\$ 46,400.00
96	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4022	EACH	38.00	22.00	\$2,550.00	\$ 96,900.00	\$ 56,100.00
97	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	EACH	9.00	2.00	\$2,550.00	\$ 22,950.00	\$ 5,100.00
98	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN 60-4020	EACH	1.00		\$3,550.00	\$ 3,550.00	\$ -
99	2506.601	MANHOLE CONE SECTION	EACH	2.00		\$2,050.00	\$ 4,100.00	\$ -
100	2506.602	CONSTRUCT DRAINAGE STRUCTURE (SUMP BASKET)	EACH	6.00	5.00	\$3,050.00	\$ 18,300.00	\$ 15,250.00
101	2506.602	INSTALL NEW RINGS AND CASTING (STORM)	EACH	7.00	1.00	\$955.00	\$ 6,685.00	\$ 955.00
102	2506.602	RECONSTRUCT MANHOLES OR CATCH BASIN	EACH	4.00	9.00	\$1,375.00	\$ 5,500.00	\$ 12,375.00
103	2506.602	RECONSTRUCT MANHOLES OR CATCH BASIN (SPECIAL)	EACH	6.00	7.00	\$1,375.00	\$ 8,250.00	\$ 9,625.00
104	2511.501	RANDOM RIP RAP CLASS IV	CU YD	23.00	36.70	\$80.00	\$ 1,840.00	\$ 2,936.00
105	2575.604	EROSION STABILIZATION MAT	SQ YD	100.00		\$7.95	\$ 795.00	\$ -

Schedule B Subtotal: \$ 447,589.50 \$ 301,036.75

Schedule: C
 Description: Pond/Outfall Improvements

Item No.	Mn/DOT No.	Item Description	Unit	Estimated Quantity	Quantity To-Date	Contract Unit Price	Total Estimated Cost	Total Contract Cost To-Date
106	2101.501	CLEARING	ACRE	1.93	2.20	\$3,250.00	\$ 6,272.50	\$ 7,150.00
107	2101.506	GRUBBING	ACRE	1.93	2.20	\$3,250.00	\$ 6,272.50	\$ 7,150.00
108	2104.501	REMOVE SEWER PIPE (STORM)	LIN FT	451.00	453.00	\$10.50	\$ 4,735.50	\$ 4,756.50
109	2104.507	REMOVE CONCRETE RUBBLE	CU YD	60.00	83.00	\$38.50	\$ 2,310.00	\$ 3,195.50
110	2104.509	REMOVE SURGE BASIN	EACH	3.00	3.00	\$1,150.00	\$ 3,450.00	\$ 3,450.00
111	2104.509	REMOVE CONCRETE FLARED END SECTION	EACH	2.00	1.00	\$295.00	\$ 590.00	\$ 295.00
112	2105.525	TOPSOIL BORROW (LV)	CU YD	1,537.00		\$15.00	\$ 23,055.00	\$ -
113	2501.515	15" RC PIPE APRON	EACH	1.00		\$1,075.00	\$ 1,075.00	\$ -
114	2501.515	24" RC PIPE APRON	EACH	3.00	1.00	\$1,445.00	\$ 4,335.00	\$ 1,445.00
115	2501.515	30" RC PIPE APRON	EACH	1.00	1.00	\$1,625.00	\$ 1,625.00	\$ 1,625.00
116	2501.602	TRASH GUARD FOR 15" PIPE APRON	EACH	1.00		\$1.00	\$ 1.00	\$ -
117	2501.602	TRASH GUARD FOR 24" PIPE APRON	EACH	3.00	3.00	\$1.00	\$ 3.00	\$ 3.00
118	2501.602	TRASH GUARD FOR 30" PIPE APRON	EACH	1.00	1.00	\$1.00	\$ 1.00	\$ 1.00
119	2503.541	15" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	37.00		\$42.50	\$ 1,572.50	\$ -
120	2503.541	24" RC PIPE SEWER DESIGN 3006 CLASS III	LIN FT	626.00	180.00	\$47.50	\$ 29,735.00	\$ 8,550.00
121	2503.541	30" RC PIPE SEWER DESIGN 3006 CLASS III	LIN FT	88.00	81.50	\$54.50	\$ 4,796.00	\$ 4,441.75
122	2503.602	CONNECT TO EXISTING STORM SEWER	EACH	5.00		\$900.00	\$ 4,500.00	\$ -
123	2504.602	CONSTRUCT BULKHEAD (STORM)	EACH	1.00		\$285.00	\$ 285.00	\$ -
124	2506.502	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	EACH	6.00	6.00	\$3,150.00	\$ 18,900.00	\$ 18,900.00
125	2511.501	RANDOM RIP RAP, CLASS IV	CU YD	38.00	24.60	\$80.00	\$ 3,040.00	\$ 1,968.00
126	2575.523	EROSION CONTROL BLANKET CATEGORY 4	SQ YD	8,167.00	1,700.00	\$1.45	\$ 11,842.15	\$ 2,465.00
127	2573.54	FILTER LOG TYPE COMPOST BIOROLL	LIN FT	1,860.00	733.00	\$4.20	\$ 7,812.00	\$ 3,078.60
128	2575.604	EROSION STABILIZATION MAT	SQ YD	53.00		\$6.95	\$ 368.35	\$ -
129	2575.605	SEEDING, MNDOT MIX NO. 328	ACRE	1.90		\$975.00	\$ 1,852.50	\$ -

Schedule C Subtotal: \$ 138,429.00 \$ 68,474.35

Schedule: D
 Description: Sanitary Sewer Improvements

Item No.	Mn/DOT No.	Item Description	Unit	Estimated Quantity	Quantity To-Date	Contract Unit Price	Total Estimated Cost	Total Contract Cost To-Date
130	2104.501	REMOVE PIPE SEWER (SANITARY)	LIN FT	100.00				
131	2104.509	REMOVE CASTING AND RINGS (SANITARY)	EACH	10.00	10.00	\$1.00	\$ 100.00	\$ -
132	2503.511	8" PVC PIPE SEWER SDR 26	LIN FT	100.00	25.00	\$30.00	\$ 3,000.00	\$ 750.00
133	2503.602	CONNECT TO EXISTING SANITARY SEWER	EACH	3.00	2.00	\$1,275.00	\$ 3,825.00	\$ 2,550.00
134	2506.602	REPLACE SANITARY SEWER SERVICE	EACH	2.00		\$1,175.00	\$ 2,350.00	\$ -
135	2506.602	INSTALL NEW RINGS AND CASTING (SANITARY)	EACH	10.00	10.00	\$995.00	\$ 9,950.00	\$ 9,950.00
136	2506.602	FURNISH AND INSTALL EXTERNAL MANHOLE CHIMNEY SEAL	EACH	32.00	23.00	\$200.00	\$ 6,400.00	\$ 4,600.00
137	2506.602	RECONSTRUCT MANHOLES SANITARY SEWER	EACH	15.00	15.00	\$735.00	\$ 11,025.00	\$ 11,025.00

Schedule D Subtotal:

\$ 36,660.00 \$ 28,885.00

Schedule: E
 Description: Watermain Improvements

Item No.	Mn/IDOT No.	Item Description	Unit	Estimated Quantity	Quantity To-Date	Contract Unit Price	Total Estimated Cost	Total Contract Cost To-Date
138	2103.507	DISCONNECT WATER SERVICE	EACH	10.00		\$30.00	\$ 300.00	\$ -
139	2104.501	REMOVE WATERMAIN	LIN FT	400.00	94.50	\$1.00	\$ 400.00	\$ 94.50
140	2104.509	REMOVE GATE VALVE	EACH	31.00	26.00	\$275.00	\$ 8,525.00	\$ 7,150.00
141	2104.509	REMOVE GATE VALVE BOX	EACH	10.00	5.00	\$275.00	\$ 2,750.00	\$ 1,375.00
142	2104.509	REMOVE HYDRANT AND GATE VALVE	EACH	26.00	21.00	\$575.00	\$ 14,950.00	\$ 12,075.00
143	2104.509	REMOVE HYDRANT	EACH	1.00		\$575.00	\$ 575.00	\$ -
144	2504.602	REMOVE AND REPLACE WATER SERVICE	EACH	1.00		\$1,675.00	\$ 1,675.00	\$ -
145	2504.602	1" CORPORATION STOP	EACH	10.00		\$75.00	\$ 750.00	\$ -
146	2504.602	RECONNECT WATER SERVICE	EACH	10.00		\$145.00	\$ 1,450.00	\$ -
147	2504.602	WATERMAIN SERVICE ADJUSTMENT	EACH	20.00		\$295.00	\$ 5,900.00	\$ -
148	2504.602	ADJUST VALVE BOX	EACH	11.00		\$345.00	\$ 3,795.00	\$ -
149	2504.602	WATERMAIN OFFSET	EACH	5.00		\$3,275.00	\$ 16,375.00	\$ -
150	2504.602	CONNECT TO EXISTING WATER MAIN	EACH	10.00	7.00	\$1,175.00	\$ 11,750.00	\$ 8,225.00
151	2504.602	HYDRANT AND GATE VALVE	EACH	28.00	21.00	\$4,575.00	\$ 128,100.00	\$ 96,075.00
152	2504.602	CUT IN 6" GATE VALVE & BOX	EACH	1.00	1.00	\$2,475.00	\$ 2,475.00	\$ 2,475.00
153	2504.602	6" GATE VALVE AND BOX	EACH	29.00	23.00	\$1,575.00	\$ 45,675.00	\$ 36,225.00
154	2504.602	8" GATE VALVE AND BOX	EACH	5.00	6.00	\$2,875.00	\$ 12,875.00	\$ 15,450.00
155	2504.602	INSTALL PRESSURE REDUCING VALVE	EACH	1.00	1.00	\$11,000.00	\$ 11,000.00	\$ 11,000.00
156	2504.602	GATE VALVE BOX	EACH	20.00	5.00	\$625.00	\$ 12,500.00	\$ 3,125.00
157	2504.602	CURB STOP AND BOX	EACH	15.00		\$405.00	\$ 6,075.00	\$ -
158	2504.603	6" DIP WATERMAIN, CLASS 52	LIN FT	200.00	59.50	\$40.00	\$ 8,000.00	\$ 2,380.00
159	2504.603	8" DIP WATERMAIN, CLASS 52	LIN FT	200.00	20.00	\$50.00	\$ 10,000.00	\$ 1,000.00
160	2504.604	4" POLYSTYRENE INSULATION	SQ YD	50.00	33.74	\$40.00	\$ 2,000.00	\$ 1,349.60
161	2504.608	DUCTILE IRON FITTINGS	POUND	800.00	525.00	\$4.00	\$ 3,200.00	\$ 2,100.00

Schedule E Subtotal: \$ 311,095.00 \$ 200,099.10

Schedule: F
 Description: Allowances

Item No.	Mn/DOT No.	Item Description	Unit	Estimated Quantity	Quantity To-Date	Contract Unit Price	Total Estimated Cost	Total Contract Cost To-Date
162	2130.601	WATER USAGE ALLOWANCE	LUMP SUM	1.00		\$15,000.00	\$ 15,000.00	\$ -
163	2504.601	IRRIGATION SYSTEM REPAIR ALLOWANCE	LUMP SUM	1.00	0.97	\$20,000.00	\$ 20,000.00	\$ 19,400.00
164	2540.601	BOULEVARD LANDSCAPING ALLOWANCE	LUMP SUM	1.00	0.14	\$25,000.00	\$ 25,000.00	\$ 3,500.00
165	2563.601	TRAFFIC CONTROL ALLOWANCE	LUMP SUM	1.00	0.72	\$40,000.00	\$ 40,000.00	\$ 28,800.00
166	2573.601	ADDITIONAL STORM WATER MANAGEMENT ALLOWANCE	LUMP SUM	1.00		\$20,000.00	\$ 20,000.00	\$ -

Schedule F Subtotal: \$ 120,000.00 \$ 51,700.00

COST SUMMARY

Contract: CP NO. 2012-09D
 Owner: City of Inver Grove Heights
 Project: 2012 Urban Street Reconstruction - 65th Street Neighborhood

Schedule	Description	Total Estimated Cost	Total Contract Cost To-Date
A	Street Improvements	\$ 3,661,912.83	\$ 1,947,952.30
B	Storm Sewer Improvements	\$ 447,589.50	\$ 301,036.75
C	Pond/Outfall Improvements	\$ 138,429.00	\$ 68,474.35
D	Sanitary Sewer Improvements	\$ 36,660.00	\$ 28,885.00
E	Watermain Improvements	\$ 311,095.00	\$ 200,099.10
F	Allowances	\$ 120,000.00	\$ 51,700.00
Total Base Bid		\$ 4,715,686.33	\$ 2,598,147.50

Change Order No. 3 \$ 11,937.75 \$ 11,937.75

Total Contract Amount	\$ 4,727,624.08
Contract Work Completed To Date	\$ 2,610,085.25
Retainage (5.0%)	\$ 130,504.26
Previous Payments	\$ 1,809,889.80
Amount Due This Partial Payment #5	\$ 669,691.19

CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

Consider Approval of Concept Plan and Resolution for the MRRT Trailhead Facility

Meeting Date: October 22, 2012
 Item Type: Consent Agenda
 Contact: Eric Carlson – 651.450.2587
 Prepared by: Eric Carlson
 Reviewed by: Eric Carlson – Parks & Recreation

Fiscal/FTE Impact:	
<input checked="" type="checkbox"/>	None
<input type="checkbox"/>	Amount included in current budget
<input type="checkbox"/>	Budget amendment requested
<input type="checkbox"/>	FTE included in current complement
<input type="checkbox"/>	New FTE requested – N/A
<input type="checkbox"/>	Other

PURPOSE/ACTION REQUESTED

The Council is asked to approve the attached concept plan for the MRRT trailhead facility planned in conjunction with Dakota County Parks on the south side of 66th St near the Rock Island Swing Bridge Recreational Pier.

The Council is also asked to approve the attached resolution which allows the County to utilize City owned property for the trailhead facility once an executed Joint Powers Agreement (JPA) is established.

SUMMARY

The City and County have been working cooperatively over the last few years to make/plan public improvements in the Concord Blvd neighborhood. These improvements/projects/planning efforts include:

- Concord Blvd has been reconstructed from Cahill to Interstate 494
- Mississippi River Regional Trail is nearing completion through the City of Inver Grove Heights and will be a 27-mile bituminous trail from St. Paul to Hastings when completed
- Soil remediation of Heritage Village Park
- Development of an architectural theme for the future buildings that may be constructed in Heritage Village Park/Rock Island Swing Bridge
- Rock Island Swing Bridge Recreational Pier/66th St roadway improvements
- Planning for the redevelopment of the Concord Blvd neighborhood
- Historical review/documentation with the Dakota County Historical Society with the help of a grant from the Minnesota Historical Society

As a part of the Mississippi River Regional Trail Master Plan, the County has identified the area of Heritage Village Park as a potential location for a trailhead facility that would include:

- Parking
- Restrooms, water
- Way-finding, information, historical interpretation
- Picnicking etc.

The attached conceptual site plan has been developed by County staff and represents past discussions and planning efforts the City and County have done for the site. Recently the County was awarded a Federal Grant to significantly assist in the project and will take the lead on this phase of the project.

The anticipated costs for the project are as follows:

Consultants	TBD
Construction Administration	TBD
Trail head restroom facility	\$495,000
Picnic Pavilion – 100 capacity	\$250,000
Parking lot – 40 cars	\$110,000
Trail connection	\$25,000
Permits/Testing/Misc	\$15,000
Contingency 10%	\$88,000
Total	\$1,080,000

The anticipated funding sources of the project are as follows:

Scenic Byway Grant (County received)	\$450,000
Dakota County Byway Grant Match (Levy)	\$250,000
Dakota County CIP (Levy)	\$200,000
National Park Service	\$80,000
City of Inver Grove Heights (via State Bonding)	\$100,000
Total	\$1,080,000

The anticipated schedule of the project is as follows:

September 28, 2012	Send out RFP
November 6, 2012	County Selects Consultant(s)
TBD	Progress meetings/reviews/approvals as necessary
April 2013	Bidding of project
November 2013	Project complete

Some highlights about the project/process include:

- The County will lead and be responsible for the overall process/project...the City will participate with the land and financially through our State Bonding Grant
- A JPA will be developed for the project that will outline responsibility during construction and after construction (i.e. O & M)
- The City will need to give formal approval to the County to locate improvements on City property
- The PRAC and CC will have opportunities to review/approve all plans at appropriate points in the process

The Park and Recreation Commission reviewed this issue on October 10th and is recommending approval.

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

RESOLUTION NO. _____

**RESOLUTION SUPPORTING DAKOTA COUNTY'S PLANS TO CONSTRUCT
TRAILHEAD FACILITIES ON CITY OWNED PROPERTY LOCATED ON THE
SOUTH SIDE OF 66TH ST EAST OF CONCORD BOULEVARD**

WHEREAS, the City of Inver Grove Heights (City) owns property on the south side of 66th St with PID's of 20-00200-78-011; 20-00200-75-010; 20-36500-41-150

WHEREAS, Dakota County's Mississippi River Regional Trail Master Plan includes trailhead facilities in the location of Concord Blvd and 66th St. and;

WHEREAS, the City of Inver Grove Heights has been developing the Rock Island Swing Bridge Recreational Pier as a destination location for visitors from the region as a recreation amenity and;

WHEREAS, the City and County intend to enter into a formal Joint Powers Agreement outlining responsibilities for construction and future maintenance and operations of trailhead improvements and;

WHEREAS, funding for the project will come from a Scenic Byway Grant (SP-019-060-001), Dakota County Match, Dakota County CIP, National Park Service, and the City of Inver Grove Heights via Met Council Grant (SG-2010-049) and;

WHEREAS, these public improvements will benefit City, County, and State residents.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Inver Grove Heights, Minnesota intends to cooperate with Dakota County on trailhead improvements planned on 66th St as outlined in the attached concept plan pending an agreed upon JPA.

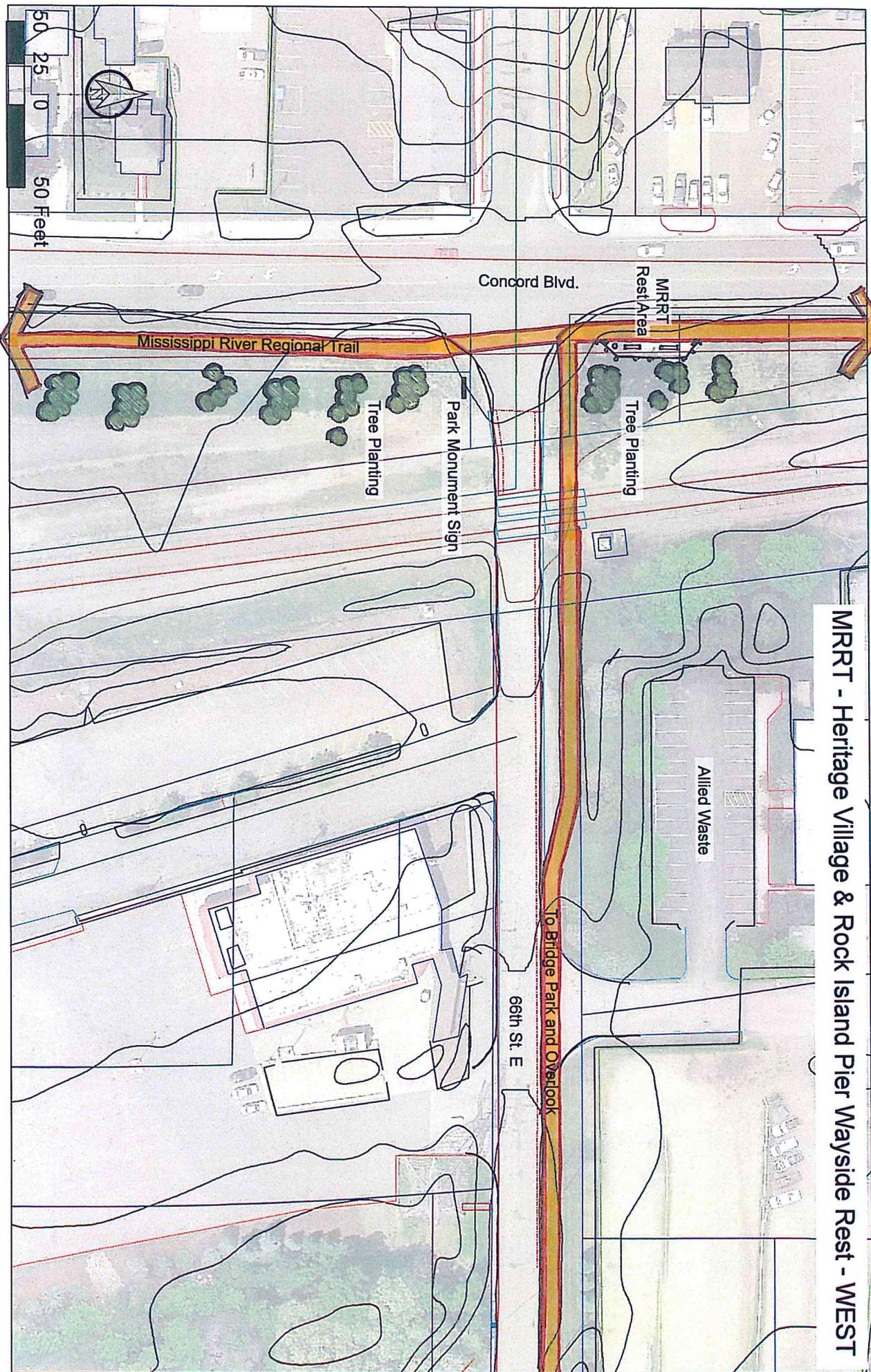
Adopted by the City Council of Inver Grove Heights this 22nd day of October, 2012.

George Tourville, Mayor

ATTEST:

Melissa Rheaume, Deputy City Clerk

MRRT - Heritage Village & Rock Island Pier Wayside Rest - WEST



Concord Blvd.

MRRT Rest Area

Mississippi River Regional Trail

Tree Planting

Tree Planting

Park Monument Sign

Allied Waste

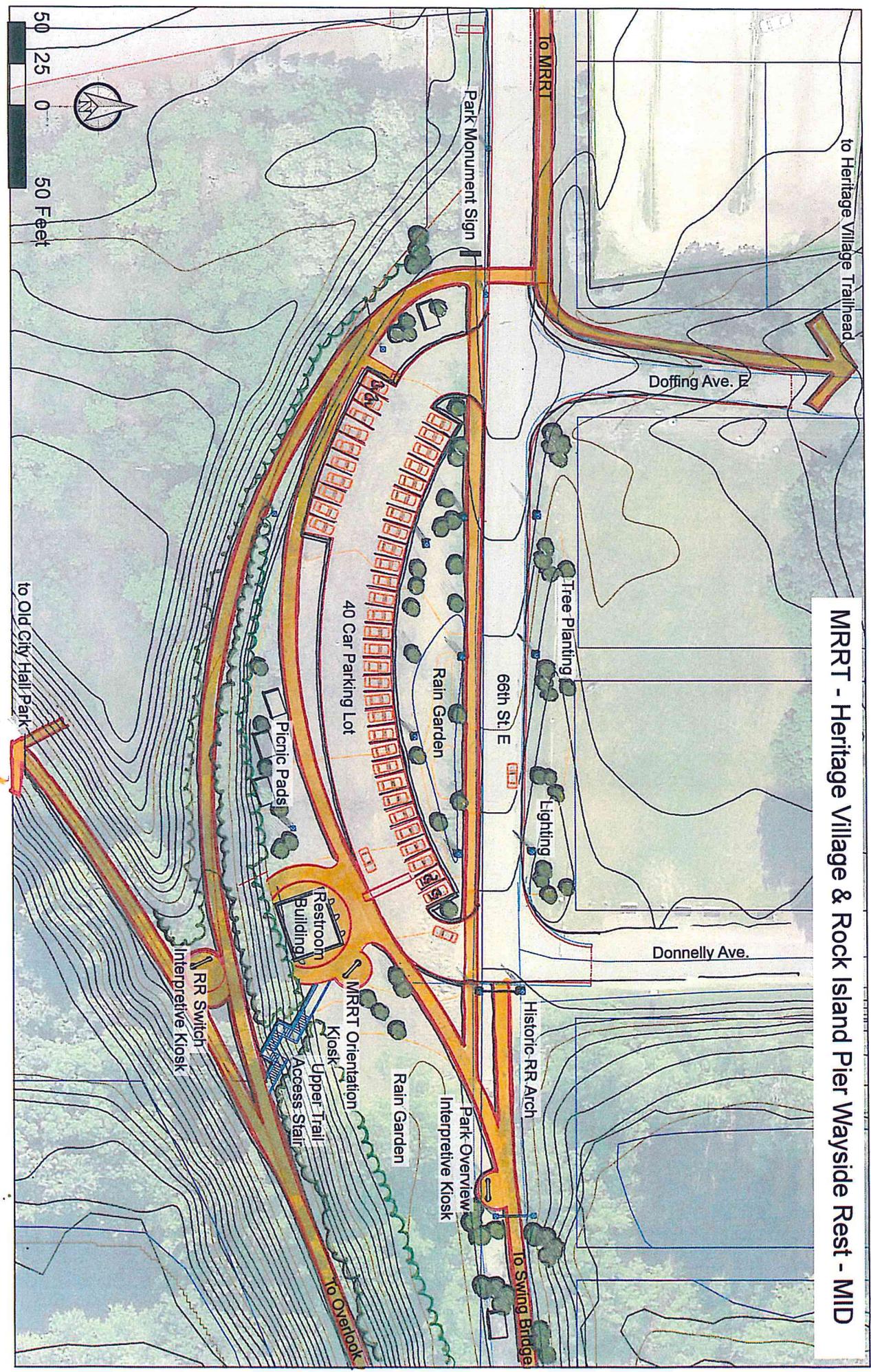
To Bridge Park and Overlook

66th St. E

50 25 0 50 Feet



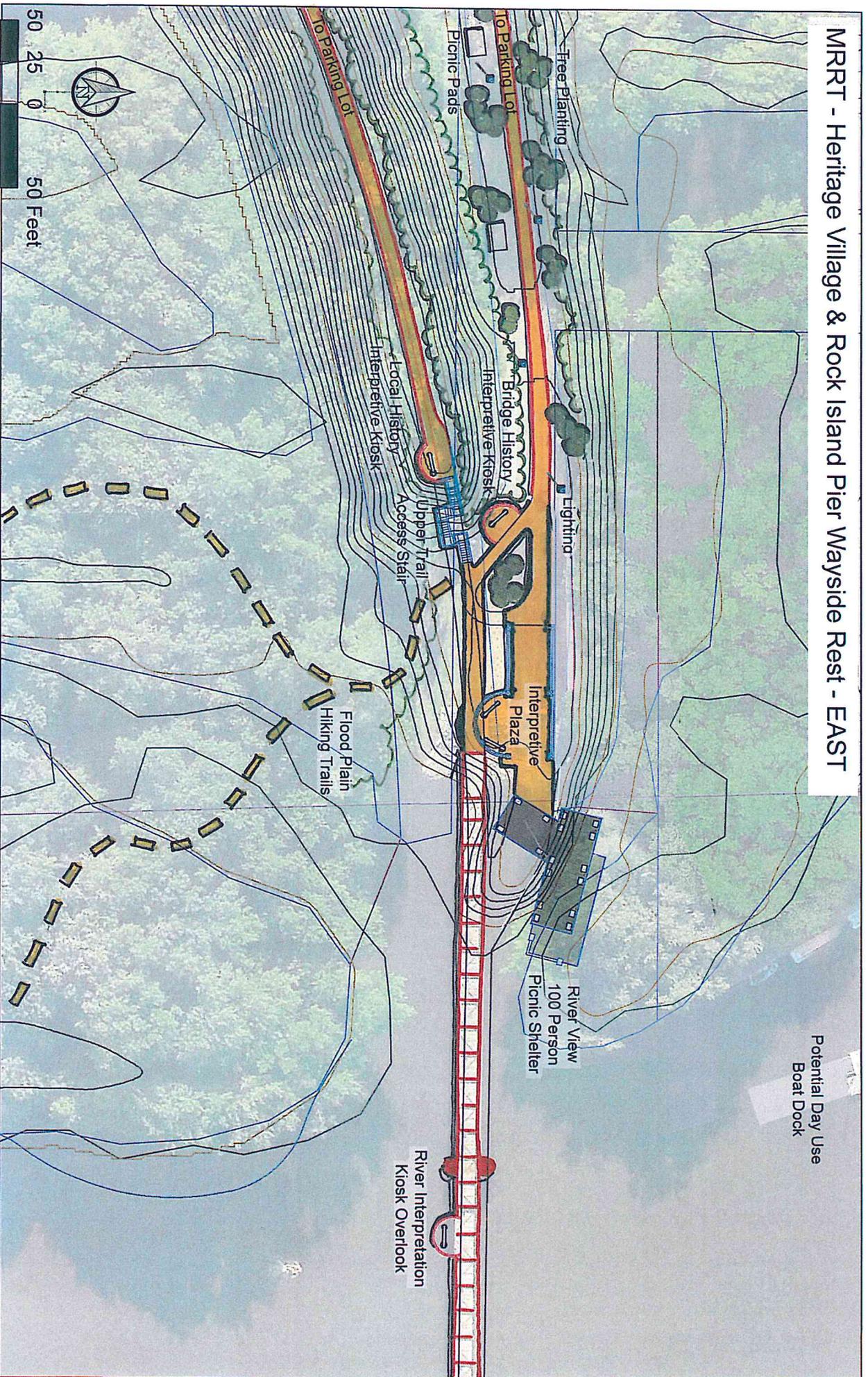
MRRT - Heritage Village & Rock Island Pier Wayside Rest - MID



50 25 0 50 Feet

to Old City Hall Park

MRRRT - Heritage Village & Rock Island Pier Wayside Rest - EAST



CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

Resolution Adopting Northwest Area Collector Street System Study Report

Meeting Date: October 22, 2012
 Item Type: Consent
 Contact: Scott D. Thureen, 651.450.2571
 Prepared by: Scott D. Thureen, Public Works Director
 Reviewed by: *SDT*

Fiscal/FTE Impact:

<input checked="" type="checkbox"/>	None
<input type="checkbox"/>	Amount included in current budget
<input type="checkbox"/>	Budget amendment requested
<input type="checkbox"/>	FTE included in current complement
<input type="checkbox"/>	New FTE requested – N/A
<input type="checkbox"/>	Other:

PURPOSE/ACTION REQUESTED

Consider resolution adopting Northwest Area Collector Street System Study Report.

SUMMARY

The City Council approved a professional services agreement with WSB & Associates, Inc. in late 2010 for City Project No. 2010-40 – Northwest Area Collector Street System Study. The primary purpose of the study was to develop a collector street system plan for the Northwest Area. The plan will be used to ensure that the public transportation system needs are met as part of the development review and approval process.

The study process included significant public and agency participation. A technical advisory committee that included representatives from Mn/DOT, Dakota County, and the City of Eagan was formed to provide input and review.

Staff reviewed the final draft of the study report with the Council at its May 29, 2012 study meeting. The report has been revised per the Council's input.

I recommend that the Council approve the resolution adopting the Northwest Area Collector Street System Study as a guide for the City's collector street system in the Northwest Area and for implementation of the Comprehensive Plan.

SDT/kf

Attachments: Resolution
Report

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

**RESOLUTION ADOPTING THE NORTHWEST AREA COLLECTOR STREET SYSTEM
STUDY REPORT**

RESOLUTION NO. _____

WHEREAS, on August 9, 2010, the City Council approved a professional services agreement with WSB & Associates, Inc. for City Project No. 2010-40 – Northwest Area Collector Street System Study; and

WHEREAS, the study included an analysis that considered the results of previous transportation studies, the future land use in the study area, the natural resources and storm water management needs, and

WHEREAS, a substantial public information program, including a series of six public information meetings, study newsletter updates on the City's website, and a project web page was a part of the study process; and

WHEREAS, a technical evaluation panel consisting of staff from the City, Mn/DOT, Dakota County, and the City of Eagan was formed to review the study progress and the study report; and

WHEREAS, the draft report was presented to the City Council at its May 29, 2012 study meeting and the Council's comments were incorporated into the final report.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Inver Grove Heights that:

1. The City Council adopts the Northwest Area Collector Street System Study Report as a guide for the City's collector street system in the Northwest Area and for implementation of the Comprehensive Plan.

Adopted this 22nd day of October 2012 by the City Council of the City of Inver Grove Heights.

AYES:

NAYES:

George Tourville, Mayor

ATTEST:

Melissa Kennedy, Deputy Clerk

CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

Dakota County's 2013-2017 Capital Improvement Program

Meeting Date: October 22, 2012
 Item Type: Consent
 Contact: Scott D. Thureen, 651-450-2571
 Prepared by: Scott D. Thureen, Public Works Director
 Reviewed by: *SDT*

- Fiscal/FTE Impact:**
- None
 - Amount included in current budget
 - Budget amendment requested
 - FTE included in current complement
 - New FTE requested – N/A
 - Other:

PURPOSE/ACTION REQUESTED

Consider a resolution supporting Dakota County's draft 2013-2017 Capital Improvement Program (CIP).

SUMMARY

Annually, Dakota County prepares a five-year Capital Improvement Program based upon their needs and requests of the cities being impacted. Staff previously met with Dakota County staff to review the County's draft CIP. Subsequently, the County revised their CIP and is requesting the City's consideration and approval.

Dakota County is requesting that cities pass a resolution supporting their five-year CIP. With the exception of Stage 3 of the C.R. 28 (80th Street) project, and the interchange at I-494 and re-aligned Argenta Trail, the projects listed on the attached resolution are the projects identified in Dakota County's draft CIP. In a recent meeting with the County Engineer, he indicated that the latter item might be added to the County's draft CIP. The projects shown and recommended are based on identified future needs. The projects would be advanced based on funding availability. Public Works has reviewed the projects as proposed and we recommend passage of the resolution as presented.

SDT/kf
 Attachments: Resolution
 Map

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

**RESOLUTION SUPPORTING DAKOTA COUNTY'S 2013-2017 CAPITAL IMPROVEMENT
PROGRAM (CIP)**

RESOLUTION NO. _____

WHEREAS, Dakota County has requested that the City of Inver Grove Heights provide a list of projects for inclusion in Dakota County's 2013-2017 Transportation Plan, and

WHEREAS, the following transportation projects are important to the City of Inver Grove Heights:

PROJECT

- CR 28 – 80th Street from T.H. 3 to 0.62 miles east
- CR 73 – Akron Avenue from Cliff Road (CSAH 32) to Rosemount border
- CSAH 26 – Roundabout at T.H. 3 and 70th Street (CSAH 26)
- CSAH 32 – Cliff Road from Rich Valley Boulevard (CSAH 71) to T.H. 52
- CR 28 – CSAH 63 (Argenta Trail) to existing Amana Trail
- CR 28 – Yankee Doodle Road/80th Street – Stage 3, Interchange at T.H. 55/Argenta Trail (CSAH 63)
- CSAH 56 – Signal conversion to flashing yellow arrow on CSAH 56 (Concord Boulevard) at Cahill Avenue
- CSAH 32 – Left turn lane/bypass lane on CSAH 32 (Cliff Road) at Alison Way intersections
- CSAH 63 – Interchange at I-494 and re-aligned CSAH 63 (Argenta Trail)

WHEREAS, the City of Inver Grove Heights will participate in these projects in accordance with applicable cost sharing policies.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY OF INVER GROVE HEIGHTS THAT:
The following projects be included in Dakota County's 2012-2016 Transportation CIP for construction in the years indicated:

CR 28 (80 th Street east of T.H. 3) (City Project 2008-05) (Dakota County Project CP 28-48)	2014 Right-of-Way 2016 Construction
CSAH 73 – Akron Ave. from Cliff Road (CSAH 32) to Rosemount border (City Project 2005-02) (Dakota County Project CP 73-18)	2014 Right-of-Way 2015 Construction
CSAH 26 – Roundabout at T.H. 3 and 70 th Street (CSAH 26) (City Project 2009-25) (Dakota County Project CP 26-47)	2016 Construction
CSAH 32 – 117th Street E. (Cliff Road) from Rich Valley Blvd. (CSAH 71) to T.H. 52 (City Project 2005-03) (Dakota County Project CP 32-xx)	2016 Right-of-Way 2017 Construction

RESOLUTION NO. _____

Page 2 of 2

- | | |
|---|-------------------|
| CSAH 63 – Interchange at I-494 and realigned Argenta Trail
(City Project No. 2013-04) | 2017 Design |
| CR 28 (Yankee Doodle Road/80 th Street) – Stage 3
Interchange at T.H. 55 and Argenta Trail (CSAH 63)
(City Project No. 2006-06) | 2017 Design |
| CR 28 – Complete construction of Amana Trail between TH 3
and CSAH 63 (Argenta Trail)
(City Project No. 2014-05)
(County Project No. 28-50) | 2014 Construction |
| CSAH 32 – Left turn lane/bypass lane on Cliff Road (CSAH 32)
at intersections with Alison Way
(City Project No. 2014-04)
(County Project No. 32-77) | 2014 Construction |
| CSAH 56 – Signal conversion to flashing yellow arrow on
Concord Boulevard (CSAH 56) at Cahill Avenue
(City Project No. 2013-03)
(County Project No. 56-10) | 2015 Construction |

Adopted by the City Council of Inver Grove Heights this 22nd day of October 2012.

AYES:

NAYS:

George Tourville, Mayor

ATTEST:

Melissa Kennedy, Deputy Clerk

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

RESOLUTION NO. _____

**A RESOLUTION APPROVING AN ASSESSMENT AGAINST DAKOTA
COUNTY TAX PARCEL NO. 20-01700-07-120 WITH RESPECT TO CITY'S
LOCAL IMPROVEMENT PROJECT TO ABATE CESPOOL NUISANCE ON
PROPERTY OWNED BY DAVID D. LETHERT AND MARGARET P. LETHERT**

WHEREAS, David D. Lethert and Margaret P. Lethert, husband and wife, own real property (hereinafter the "Property") addressed as 8485 Courthouse Boulevard Court, Inver Grove Heights, Minnesota 5077-3907, and identified as Dakota County Property Tax Parcel No. 20-01700-07-120 and legally described as:

The East Four Hundred Fifteen and Eight Tenths (415.8) feet of that part of the East One Half (E ½) of the Northeast Quarter (NE ¼) lying South of the Centerline of Old State Highway No. 55, Section Seventeen (17), Township Twenty-Seven (27), Range Twenty-Two (22), according to the United State Government Survey thereof, Dakota County, Minnesota.

WHEREAS, the property is improved with a single-family home that utilizes an individual sewage treatment system ("ISTS") that qualifies as a non-compliant cesspool. The City Building Officials have determined that the nuisance needs to be abated with the abandonment or removal of the non-compliance cesspool pursuant to City regulations, and the existing single-family home needs to be connected to a compliant ISTS; and

WHEREAS, the Letherts acknowledged and agreed that the failed ISTS was a nuisance, and the Letherts requested the City's assistance with the abatement of the nuisance; and

WHEREAS, the City and the Letherts entered into an "Agreement to Abate Cesspool Nuisance with Local Improvement Project Pursuant to Minnesota Statutes §429.021" (hereinafter "Agreement") whereby the parties agrees that part of the improvement project costs would be assessed against the Property for an assessment term of seven (7) years with interest accruing at four and one-half percent (4.5%); and

WHEREAS, the amount to be assessed against the Property pursuant to said Agreement referenced above is \$14,587.50; and said Agreement authorized the City to certify to the Dakota County Auditor/Property Tax Assessor the \$14,587.50 assessment, the Letherts contractually waived all rights to assessment notices, hearings and appeals, and all other rights pursuant to Minn. Stat. §429.031, §429.061, §429.071, and §429.081 for the \$14,587.50 assessment against the property. The Letherts also waived any and all procedural and substantive objections to said assessment, including, but not limited to, notice and hearing requirements and any claim that any or all of the assessment against the Property exceeded the benefit to the Property for the City's local improvement

project. The Letherts acknowledged and agreed further pursuant to the Agreement that the benefit of the City's local improvement project to the Property did in fact equal or exceed the \$14,587.50 amount.

NOW, THEREFORE, THE CITY OF INVER GROVE HEIGHTS DOES HEREBY RESOLVE AS FOLLOWS:

1. That pursuant to Minnesota Statutes §429.061 and pursuant to the "Agreement to abate Cesspool Nuisance with Local Improvement Project Pursuant to Minnesota Statutes §429.021" between the City and David D. Lethert and Margaret P. Lethert whereby all rights to assessment notices and public hearings were waived, Dakota county Tax Parcel No. 20-01700-07-120 is hereby assessed the principal amount of \$14,587.50 for the City's local improvement project to abate the failed ISTS on the Property and said \$14,587.50 assessment shall be collected by Dakota County Auditor/Property Tax Assessor with property taxes over a seven (7) year period and shall accrue interest at the rate of four and one-half percent (4.5%). Said \$14,587.50 assessment shall be payable in seven (7) equal annual principal installments and shall begin to accrue interest on October 22, 2012, and the first year installments shall be collected with the payable 2013 property taxes and the installments collected by Dakota County Auditor/Property Tax Assessor shall continue through the County's collection of the payable 2019 property taxes.
2. That the City Council hereby adopts the above referenced \$14,587.50 assessment levy which shall constitute the assessment against the Property defined herein and is hereby found to be benefited by the City's local improvement project in at least the amount of the said assessment levied against it.
3. That, as provided above, the \$14,587.50 principal assessment against the Property shall bear interest at the rate of four and one-half percent (4.5%) per year from and after October 22, 2012, until December 31, 2012, which partial year of interest shall be collected with the first installments collected by Dakota County Auditor/Property Tax Assessor with the payable 2013 property taxes. To each installment when due shall be added interest for one year on all unpaid installments. The owner of the Property so assessed may, at any time prior to certification of the assessment to Dakota County Auditor/Property Tax Assessor, pay the whole of the assessment on such Property with interest accrued to the date of payment to the City treasurer, except that no interest shall be charged if the entire assessment is paid within thirty (30) days of the passage of this Resolution and adoption of the assessment pursuant to Minn. Stat. §429.061. At any time thereafter, the owner of the Property may pay to the City treasurer the entire amount of the assessment remaining unpaid with interest accrued to December 31 of the year in which such payment is made. Such payment must be made before November 15 or interest will be charged through December 31 of the next year.

Adopted this 22nd day of October, 2012, by the City Council of Inver Grove Heights.

Ayes:

Nays:

George Tourville, Mayor

ATTEST:

Melissa Kennedy
Deputy Clerk

CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

Consider Approval of Railing for Overlook Stairs

Meeting Date: October 22, 2012
Item Type: Consent Agenda
Contact: Mark Borgwardt – 651.450.2581
Prepared by: Mark Borgwardt
Reviewed by: Eric Carlson – Parks & Recreation

Fiscal/FTE Impact:

- None
- Amount included in current budget
- Budget amendment requested
- FTE included in current complement
- New FTE requested – N/A
- Other

PURPOSE/ACTION REQUESTED

Recommend hiring Just-Rite Fence, for not to exceed amount of \$17,000, to construct permanent galvanized metal railing to both sides of timber stairs at Rock Island Swing Bridge overlook, with funding from Park Dedication Fund 402.

SUMMARY

Tree Trust recently completed construction of timber stairs at Rock Island Swing Bridge overlook with temporary wood railing. Quotes were secured from Tree Trust and Just-Rite Fence to construct permanent galvanized metal railing using 1 1/2" square tubing at 42" and mid-rail and 1 5/8" round handrail at 36", on both sides of stairs. Intermediate 1" rails welded vertically with spacing every 4" to meet code. Quotes from two contractors are as follows:

- Just-Rite Fence \$16,300.00
- Tree Trust \$17,976.55

Recommend hiring Just-Rite Fence to construct RISB stairs galvanized metal railing on both sides of stairs for not to exceed \$17,000 with funding from Fund 402.

The Park and Recreation Commission reviewed this item on October 10th and is recommending approval.

CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

Consider Approval of 2013 Park and Recreation Department Fees

Meeting Date: October 22, 2012
Item Type: Consent Agenda
Contact: Eric Carlson – 651.450.2587
Prepared by: Eric Carlson
Reviewed by: Al McMurchie
Bethany Adams
Tracy Petersen

Fiscal/FTE Impact:
 None
 Amount included in current budget
 Budget amendment requested
 FTE included in current complement
 New FTE requested – N/A
 Other

PURPOSE/ACTION REQUESTED

It is recommended that the Council approve the attached fees for Parks & Recreation.

SUMMARY

Attached is a copy of the 2013 proposed fees for Parks & Recreation. Highlights of the changes are as follows:

Recreation

- There are no significant fee increases proposed

VMCC/Grove

- There are no significant fee increases proposed

Inver Wood

- There are no fee increases proposed, however we are proposing to reduce some of the discounting categories

The Park and Recreation Commission review the fees on October 10, 2012 and is recommending approval.

**CITY
OF
INVER GROVE HEIGHTS**



**2013 PROPOSED FEES
PARKS & RECREATION DEPARTMENT**

RECREATION

INVER WOOD GOLF COURSE

VETERANS MEMORIAL COMMUNITY CENTER

Parks & Recreation

Item	Frequency	2012 Resident	2012 Non-Res	2013 Resident Proposed	2013 Non-Res Proposed
Park Shelters *	Per 5 hour block	\$55.00	\$75.00	\$55.00	\$75.00
Picnic Kit *	NA	\$12.00	\$22.00	\$12.00	\$22.00
Volleyball Kit *	NA	\$22.00	\$40.00	\$22.00	\$40.00
Bocce Ball Set *	NA	\$22.00	\$40.00	\$22.00	\$40.00
Croquet Set *	NA	\$12.00	\$22.00	\$12.00	\$22.00
Tug-o-War Rope *	NA	\$6.00	\$12.00	\$6.00	\$12.00
Horseshoe Kit *	NA	\$6.00	\$12.00	\$6.00	\$12.00
Additional trash barrels/picnic tables	NA	\$22.00	\$30.00	\$25.00	\$35.00
Outdoor Ice Rink *	Per hour	\$22.00	\$30.00	\$25.00	\$35.00
Outdoor Ice Rink w/attendant *	Per hour	\$33.00	\$41.00	\$35.00	\$45.00
Outdoor Rink Lights	Per hour	\$30.00	\$40.00	\$40.00	\$60.00
Neighborhood Park/School Athletic Field	Per use	\$30.00	\$40.00	\$35.00	\$45.00
Tennis Courts	Per Hour/Court	\$3	\$5	\$3	\$5
Rich Valley Baseball Field (youth)	Per gm/practice	\$70.00	\$90.00	\$70.00	\$90.00
Rich Valley Baseball Field (adult)	Per gm/practice	\$85	\$100	\$85	\$105
Rich Valley Softball Field	Per gm/practice	\$50.00	\$70.00	\$50.00	\$75.00
Rich Valley Soccer Field (youth)	Per gm/practice	\$70.00	\$90.00	\$70.00	\$90.00
Rich Valley Soccer Field (adult)	Per gm/practice	\$85.00	\$100.00	\$85.00	\$105.00
Rich Valley Soccer ½ Field	Per gm/practice	\$40.00	\$45.00	\$40.00	\$50.00
Rich Valley Lights	Per hour	\$35.00	\$45.00	\$40.00	\$60.00
Rich Valley Field Tournament Fee	Per field/day	\$175.00	\$200.00	\$175.00	\$200.00
Rich Valley Tournament Vendor Fee	Per Weekend	\$100	\$100	\$50	
Rich Valley Concession Stand	Per Weekend	\$250	\$250	\$250	
Rich Valley Additional Maintenance Service- staff, equipment and supplies (4 fields or less)	Per hour	\$50.00	\$60.00	\$50.00	\$60.00
Rich Valley Additional Maintenance Service- staff, equipment & supplies (5 fields or more)	Per hour	\$70.00	\$80.00	\$70.00	\$80.00
Rich Valley Additional Maintenance Service-labor & supplies	Per hour	\$40	\$50	\$40	\$50
IGH Baseball, Softball & Soccer Association Tournament Fee	Per field/day	\$70	\$70	\$75	
Local Athletic Assoc. User Fee	Per Player	\$10	\$15	\$10	\$15
Disc Golf Annual Pass	Per year	\$30	\$30	\$30	\$40
Disc golf Daily Pass	Daily	\$5	\$5	\$5	
Disc Golf Tournament	Per day	\$200	\$200	\$200	
	Per Weekend	\$500	\$500	\$500	
	Daily	\$5	\$5		

- *Requires damage deposit
- **Fee replaces the agreement that expired in 2009 to build Rich Valley Athletic Complex. Revenue generated can be used on a project that would benefit youth athletics and the City. The project would be agreed upon between staff and the association and approved by the Council.
- Fees include tax
- Manager has discretion to negotiate off peak time usage rates

Inver Wood Golf Course

Item	Frequency	2012 Resident	2012 Non-Res	2013 Resident Proposed	2013 Non-Res Proposed
Pull Cart Rental	Per Round	\$3.75		\$3.75	
Patron Card	Per Season	\$40.00	\$55.00	\$40.00	\$55.00
Driving Range Balls-Large	Per Bucket	\$7.00		\$8.00	
Driving Range Balls-Medium	Per Bucket	\$4.00		\$5.00	
Weekday	18 Hole Green Fee	\$30.00		\$30.00	
<i>Mon - Thur</i>	9 Hole Green Fee	\$17.00		\$17.00	
<i>7 am to 5 pm</i>	Patron 18 Green Fee	\$25.00		\$25.00	
<i>Sat - Sun</i>	Patron 9 Green Fee	\$15.00		\$15.00	
<i>Noon to 5 pm</i>	Sr/Jr 18 Green Fee	\$20.00		\$20.00	
	Sr/Jr 9 Green Fee	\$11.00		\$11.00	
	Executive Green Fee	\$14.00		\$14.00	
	Patron Exec Green Fee	\$11.00		\$11.00	
	Sr/Jr Exec Green Fee	\$9.00		\$9.00	
Weekend	18 Hole Green Fee	\$39.00		\$39.00	
<i>Friday</i>	9 Hole Green Fee	\$24.00		\$24.00	
<i>Noon to 5 pm</i>	Patron 18 Green Fee	\$32.00		\$32.00	
<i>Sat - Sun</i>	Patron 9 Green Fee	\$18.00		\$18.00	
<i>6 am to Noon</i>	Sr/Jr 18 Green Fee	\$24.00		\$24.00	
	Sr/Jr 9 Green Fee	\$15.00		\$15.00	
	Executive Green Fee	\$17.00		\$17.00	
	Patron Exec Green Fee	\$14.00		\$14.00	
	Sr/Jr Exec Green Fee	\$9.00		\$9.00	
Golf Car Rentals	18 Hole Car Fee	\$17.00		\$17.00	
	9 Hole Car Fee	\$10.00		\$10.00	
	Executive Car Fee	\$6.00		\$6.00	
	Sr. 18 Hole Car Fee	\$12.00		\$12.00	
	Sr. 9 Hole Car Fee	\$8.00		\$8.00	
	Sr. Exec Car Fee	\$5.00		\$5.00	
Evening	Twilight Green Fee	\$20.00		\$24.00	
<i>5 pm to end</i>	Patron Twilight Green Fee	\$17.00		\$20.00	
	Sr/Jr Twilight Green Fee	\$13.00		\$16.00	
	Twilight Car Fee	\$12.00		\$14.00	
	Sr. Twilight Car Fee	\$8.00		\$10.00	
Advertised	18 Hole Green Fee	\$22.00		\$22.00	
<i>Young Adult</i>	9 Hole Green Fee	\$13.00		\$13.00	
	Executive Green Fee	\$10.00		\$10.00	
	18 Hole Car Fee	\$11.00		\$11.00	
	9 Hole Car Fee	\$7.00		\$7.00	
	Executive Car Fee	\$4.00		\$4.00	

- All fees include tax

VMCC/Grove

Item	Frequency	2012 Resident	2012 Non-Res	2013 Resident Proposed	2013 Non-Res Proposed
National Guard Room A, B, C	Per Hour	\$25	\$35	\$28	\$38
Community Room 1, 2, 3	Per Hour	\$30	\$40	\$32	\$42
Community Room Kitchen	Per day	\$25	\$25	\$25	
PA System	Per day	\$10	\$10	\$25	
Screen	Per day	\$10	\$10	\$15	
TV/DVD/Projector	Per day	\$25	\$25	\$25	
Easel	Per day	\$10	\$10	\$10	\$10
Room Rental Attendant	Per Hour	\$30	\$30	\$30	
Gymnasium – Athletic	Per Hour	\$50	\$65	\$55	\$70
Gymnasium – Weekday (M-F)	Per Hour	\$70	\$80	\$75	\$85
Gymnasium - Weekend (Sat-Sun)	Per Hour			\$75	\$85
Gymnasium - Weekend (Sat.-Sun)	Full Day	\$600	\$850	\$630	\$895
Gymnasium – Wedding Package	Per Day	\$750	\$1,000	\$800	\$1,100
National Guard Gym Kitchen	Per day	\$75	\$75	\$75	
West Rink-Turf	Per Hour	\$75	\$75	\$75	
Lock-In	Per Person	\$30	\$30	\$30	
Membership – Single Enrollment Fee	One-Time	\$49	\$59	\$49	\$59
Membership – Dual Enrollment Fee	One-Time	\$49	\$59	\$49	\$59
Membership – Household Enrollment Fee	One-Time	\$49	\$59	\$49	\$59
Membership – Senior (60+)	Annual	\$420		\$438	
Membership – Single	Annual	\$553		\$571	
Membership – Dual	Annual	\$757		\$775	
Membership – Household (up to 6)	Annual	\$879		\$898	
Membership – PCA added to household	Annual	\$192		\$192	
Membership – Senior (60+)	Monthly	\$43		\$43	
Membership – Single	Monthly	\$56		\$56	
Membership – Dual	Monthly	\$76		\$76	
Membership – Household (up to 6)	Monthly	\$88		\$88	
Membership – PCA added to household	Monthly	\$16		\$16	
City Emp. Membership – Senior (60+)	Monthly	\$35		\$35	
City Emp. Membership – Single	Monthly	\$45		\$45	
City Emp. Membership – Dual	Monthly	\$65		\$65	
City Emp. Membership – Household	Monthly	\$75		\$75	
Corporate Membership – Senior	Monthly	\$39		\$39	
Corporate Membership – Single	Monthly	\$51		\$51	
Corporate Membership - Dual	Monthly	\$69		\$69	
Corporate Membership - Household	Monthly	\$80		\$80	
Military Active - Single	Monthly	\$45		\$45	
Military Active – Senior	Monthly	\$35		\$35	
Military Active – Dual	Monthly	\$65		\$65	
Military Active – Household	Monthly	\$75		\$75	
Military Vet – Senior	Monthly	\$39		\$39	
Military Vet – Single	Monthly	\$51		\$51	
Military Vet – Dual	Monthly	\$69		\$69	
Military Vet – Household	Monthly	\$80		\$80	
Daily Admission after 5:30pm (waterpark)	Daily	\$4		\$4.00	
Daily Admission after 8 pm (fitness center)	Daily	\$4		\$4.00	
Daily Admission – Youth/Senior	Daily	\$7.50		\$7.50	
Daily Admission – Adult	Daily	\$7.50		\$7.50	

Daily Admission – Household	Daily	\$19.50		\$19.50	
10-time Pass – Youth/Senior	10 Visits	\$61	\$61	\$61	
10-time Pass – Adult	10 Visits	\$66	\$66	\$66	
10-time Pass – Household	10 Visits	\$165	\$165	\$165	
ATM Transaction Fee	Per Transaction	\$2.00		\$3.00	
Open Gym	Daily	\$3.00	\$3.00	\$3.00	
Open Gym – Members	Daily	Free	Free	Free	
Open Skate – adults (18 & older)	Daily	\$4.00		\$5.00	
Open Skate – children (17 & under)	Daily	\$4.00		\$4.00	
Open Skate – Members	Daily	Free		Free	
10-time Pass (Open Skate)	10 Visits	\$36.00		\$45.00	
10-time Pass (Open Hockey)	10 Visits	\$45.00		\$54.00	
Skate Rental	Daily	\$2.00		\$2.00	
Skate Sharpening	Daily	\$4.00		\$4.00	
Open Hockey	Daily	\$5.00		\$6.00	
Towel Rental	Daily	\$1.00		\$1.00	
Lock Rental	Daily	\$1.00		\$1.00	
Locker Rental (small)	Annual	\$100		\$100	
Locker Rental (large)	Annual	\$200		\$200	
Locker Rental (small)	Monthly	\$11		\$11	
Locker Rental (large)	Monthly	\$22		\$22	
Dry Land Use	Per Hour	-	-	\$20	\$25
Leisure Pool	Per Hour	\$450	\$450	\$450	\$450
Lap Pool	Per Hour	\$90	\$90	\$90	\$90
Diving Well	Per Hour	\$65	\$65	\$65	\$65
Swim Event (Lap and Diving)	Per Hour	\$125	\$125	\$125	\$125
Lifejacket	Per use	\$1	\$1	\$1	\$1

- All month-to-month members can receive a 15% discount off 12 months paid in full (fee listed reflects discount)
- All fees include tax
- Pool rentals includes lifeguard fee(s)
- Swim Event rental does not include lifeguard fee(s)
- Employee membership rates are also available to City Council members and active Commission members.
- Seasonal staff working at the VMCC is afforded free use of the facility if they have worked the previous pay period; this does not include their spouse or family members.

ICE TIME	Monday – Friday		Saturday & Sunday	
	Prime	Non Prime	Prime	Non Prime
	3:00pm – 9:59pm	Before 3:00pm and after 10pm	7:00am – 8:59pm	Before 7:00am and after 9:00pm
October 1, 2012 – March 12, 2013	\$200	\$130	\$200	\$130
	Monday – Friday		Saturday & Sunday	
	Prime	Non Prime	Prime	Non Prime
	5:00pm – 8:59pm	Before 5:00pm and after 9:00pm	9:00am – 7:59pm	Before 9:00am and after 8:00pm
March 13, 2013 – September 30, 2013	\$130	\$110	\$130	\$110

- * - Certain restrictions apply to availability, reservations, and terms of usage.
- Fees do not include tax
- Manager has discretion to negotiate early and late ice time rates

CONSIDER RESOLUTION APPROVING THE DAKOTA COUNTY 2013 COMMUNITY FUNDING APPLICATION FOR WASTE ABATEMENT ACTIVITIES

Meeting Date: October 22, 2012
Item Type: Consent
Contact: JTeppen, Asst. City Admin.
Prepared by:
Reviewed by:

Fiscal/FTE Impact:	
<input checked="" type="checkbox"/>	None
<input type="checkbox"/>	Amount included in current budget
<input type="checkbox"/>	Budget amendment requested
<input type="checkbox"/>	FTE included in current complement
<input type="checkbox"/>	New FTE requested – N/A
<input type="checkbox"/>	Other

PURPOSE/ACTION REQUESTED Approve the application of the 2013 Community Funding Application for waste abatement activities.

SUMMARY Each City within Dakota County is required to submit an application for receiving funding for waste abatement activities on a yearly basis. The application to request funds for 2013 is currently due. The City of Inver Grove Heights is eligible for \$32,100 in 2013. The attached application shows proposed abatement activities and expenditures for 2013. These funds are essential for the continuation of recycling programs in Inver Grove Heights.

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

RESOLUTION NO. _____

**RESOLUTION AUTHORIZING THE APPLICATION FOR 2013 FUNDING FROM DAKOTA
COUNTY FOR WASTE ABATEMENT ACTIVITIES**

WHEREAS, Dakota County has set waste abatement goals for the City of Inver Grove Heights; and

WHEREAS, Dakota County Board of Commissioners provides funding for waste abatement activities; and

WHEREAS, the City would like to continue educating the community on the merits of waste abatement activities.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL that the City of Inver Grove Heights submits its 2013 application to Dakota County Board of Commissioners to fund waste abatement activities

Passed this 22nd Day of November, 2012

George Tourville, Mayor

Ayes:

Nays:

ATTEST:

Melissa Kennedy, Deputy City Clerk

Inver Grove Heights 2013 Large Community Funding Application and Report Form

Draft Application Due Date: October 15, 2012
Application and JPA Submittal Due Date: December 1, 2012
Funding Period: January 1, 2013 - December 31, 2013



Dakota County, Physical Development Division
Environmental Management Department
September 21, 2012

Upload completed application onto the Dakota County Local Solid Waste Staff (LSWS) SharePoint web site at <http://sharepoint.co.dakota.mn.us/LSWS/default.aspx> with your Council Resolution or minutes of the proceedings or copies may be mailed to:

Dale Stoerzinger
Dakota County Physical Development Division
14955 Galaxie Avenue
Apple Valley, MN 55124

Contact Information

Dale Stoerzinger: Guidelines, Application, Annual Report, and LSWS SharePoint Web Site
952-891-7550 or dale.stoerzinger@co.dakota.mn.us

Tammy Drummond: Application process
952-891-7003 or tammy.drummond@co.dakota.mn.us

PART I: BASE FUNDING APPLICATION INFORMATION AND WORKPLAN

Provide completed Applications and a copy of the Official Resolution or minutes of the Proceedings (an official action from the governing body requesting the funding allocation or a certified copy of the official proceedings).

Community Funding Period: January 1, 2013 through December 31, 2013

City/RSWC (select): Inver Grove Heights

Population (2011 Est.): **33,774**

Number of Households (2011 Est.): **13,532**

Amount of Funds Eligible For: **\$32,100**

Date Submitted:

Amount of Funds Applied for: **32,100**

Contact Person **Jenelle Teppen**

Street Address: **8150 Barbara Ave
Inver Grove Heights, MN
55077**

E-mail Address: **jteppen@invergroveheights.org**

Contact: **Jenelle Teppen** Phone Number: **651.450.2512** Fax Number: **651.450.2502**

1. Is your community interested in hosting a Household Hazardous Waste Event Collection in conjunction with Dakota County in 2013?

Yes No

2. What percent of staff time (in Full Time Equivalents – F.T.E) is allocated to waste abatement activities?

1 % F.T.E.

3. Does your community anticipate hosting one or more community-sponsored “clean-up” days in 2013?

Yes No Date(s): unknown

* Please note that types and amounts of materials collected, including electronics, must be reported to the County (see Part IV Local Waste Collection Report Form).

4. I certify that this 2013 Community Funding Application was prepared under my direction or supervision, and that the information is true, accurate, and complete to the best of my knowledge. I certify that a 2013 Annual Report demonstrating compliance with this application will be submitted to the County by February 15, 2014.

Name of person completing document: **Jenelle Teppen (signature)**

WORK PLAN and REPORT FORM – LARGE COMMUNITY BASE FUNDING. Please identify and describe the proposed activities (mandated and optional) that your community will undertake in the current application year in each of the following areas: Government Leadership, Operations and Education for 2013 Community Funding. The Work Plan shall include a description of annual activities, partners, a timeline to complete the activities, and post-activity measurement. The 2013 Results column should be completed at the end of the year, and submitted as part of the 2013 Annual Report. **2013 Program priorities include:**

- Increased residential and business recycling, including organics diversion
- Increased participation at The Dakota County Recycling Zone

A. Government Leadership –Responsibilities. Identify and describe the proposed activities that your community will undertake in the current application year in each of the following mandated areas.

GOVERNMENT LEADERSHIP RESPONSIBILITY	Points	ACTIVITY PROPOSED	PROPOSED PARTNERS	PROPOSED TIMELINE	PROPOSED POST-ACTIVITY MEASUREMENT (Qualitative and/or quantitative)	2013 RESULTS (to be completed when submitting 2013 Annual Report)
<i>Example: Manage Public Entity Waste.</i>	N/A	- Verify disposal location is a processing facility on waste hauling invoices.	- City Maintenance staff - Waste hauler for city buildings/parks	Q1 2013	4,000 tons of city-generated MSW was delivered to a processing facility as required in a contract with Tom's Trash Service (expires December 2016)and verified by invoices	
1. Identify Responsible Party – Each community must identify in its annual Application a responsible party for eligible activities and inform Dakota County within thirty days of any changes in the designated individual.	4	Notification by City to County of responsible party as listed on page one of application – contact is Jenelle Teppen	Dakota County and Inver Grove Heights	Ongoing	Initial notification of contact person (supplied on application form) Subsequent notification to County of any changes within 30 days	
2. Ensure Recycling Programs Exist – Ensure that recycling programs are established for facilities under its control in accordance with MN Stat. § 115A.151 (i.e., must ensure program in place for recyclable materials).	4	The City of Inver Grove Heights will continue to ensure recycling programs are available in all its facilities in accordance with State Statute	Dakota County and Inver Grove Heights	ongoing	<ul style="list-style-type: none"> • Purchase/Provide recycling containers as needed. • Ensure housekeeping staff and recycling hauler collect appropriately. • Inform City employees annually to recycle all mandated items. 	

<p>3. Manage Public Entity Waste – Manage waste from its facilities as outlined in the Dakota County Solid Waste Master Plan (i.e., must ensure program in accordance with public entities law – MN Stat. § 115A.471). Provide contract language/ hauler statement indicating MSW that was not reduced, reused or recycled was delivered to a processing facility.</p>	4	<p>The City of Inver Grove Heights' current Host Community Agreement with Allied Waste requires that Allied Waste collect from City facilities and is processed in line with State law.</p>	Dakota County, Inver Grove Heights and Allied Waste	ongoing	Verify hauler complies and takes City waste to appropriate processing facilities.	
<p>4. LSWS Meetings – Actively participate in Local Solid Waste Staff meetings (one excused absence.)</p>	4	<p>Staff from the City of Inver Grove Heights plan to attend 2011 LSWS meetings.</p>	Dakota County, Inver Grove Heights	ongoing	Enter scheduled meetings into planning calendar. Attend or designate alternate to attend.	
<p>5. Enhanced Government Leadership – Expand or enhance government leadership (see Guidelines).</p>	4	<p>The City of Inver Grove Heights plans to promote commercial participation at the Recycling Zone with local businesses and the Chamber of Commerce</p>	Dakota County, Inver Grove Heights, local businesses and Chamber of Commerce	ongoing	<p>Work with Chamber of Commerce to promote availability of RZ to business partners</p> <p>Distribute RZ brochures to selected businesses</p>	
<p>A. Total Points (add 1 – 5) (= 20 points total)</p>						

B. Recycling and Solid Waste Operations – Responsibilities. Identify and describe the proposed that your community will undertake in the current application year in each of the following mandated areas.

OPERATIONS RESPONSIBILITY	Points	PROPOSED ACTIVITY	PROPOSED PARTNERS	PROPOSED TIMELINE	PROPOSED OUTCOME MEASUREMENT (Qualitative and/or quantitative)	2013 RESULTS (to be completed when submitting 2013 Annual Report)
6. Support Recycling Goal – Attain a		Inver Grove Heights will	Inver Grove	Semi annual	Publication of	

<p>level of waste reduction, reuse, and recycling that supports Dakota County's recycling goal of 50%, focusing efforts on new and existing residents and drop-off events.</p>	<p>4</p>	<p>publicize waste reduction and recycling efforts and will also sponsor a city clean-up day and electronics recycling day to support the County's 50% recycling goal</p>	<p>Heights, local haulers, SWMCB and Dakota County</p>	<p>publications and clean-up recycling days in the fall</p>	<p>promotional pieces and documentation of weight collected at clean-up and recycling days</p>	
<p>7. Curbside Recycling Materials – Continue the curbside collection program for recycling of newspaper, magazines, mixed mail, corrugated cardboard, steel/aluminum cans, glass containers, and plastics.</p>	<p>4</p>	<p>Inver Grove Heights will publicize Rethink Recycling information to encourage residents to increase volume of the accepted curbside materials</p>	<p>Inver Grove Heights staff and local haulers and Dakota County and SWMCB</p>	<p>semi-annual publication of Rethink Recycling promotional pieces</p>	<p>Publication of promotional pieces with Rethink Recycling information</p>	
<p>8. Multi-family Recycling – Ensure recycling service is available in all multi-family buildings that includes all recyclables collected through the curbside collection program.</p>	<p>4</p>	<p>Inver Grove Heights will monitor complaints about lack of recycling service in multi-family and survey buildings in 2013 to assure compliance that recycling is available</p>	<p>Inver Grove Heights staff and local haulers and apartment building owners</p>	<p>ongoing</p>	<p>Number of complaints received about lack of multi-family recycling service and completion of survey by 12/13</p>	
<p>9. Waste Collection Services – Promote implementation of policies and practices to ensure waste collection services are provided to residents and businesses per state law (115A.941).</p>	<p>4</p>	<p>Current Inver Grove Heights ordinance requires that all residents have waste collection service. Enforcement is through monitoring complaints and with cooperation of licensed waste haulers.</p>	<p>Inver Grove Heights staff and local waste haulers</p>	<p>ongoing</p>	<p>Number of complaints received about residents not receiving waste collection service.</p>	
<p>10. Enhanced Operations. Expand or enhance recycling or solid waste management operations (see Guidelines).</p>	<p>4</p>	<p>Inver Grove Heights plans to enhance recycling management operations by cooperating with Allied</p>	<p>Inver Grove Heights staff and Allied Waste</p>	<p>3rd and 4th quarters</p>	<p>Data from Allied Waste documenting effect of Recycle Bank program.</p>	

<p>13. Program Messages - Support and promote the Solid Waste Management Coordinating Board and the Regional/County Solid Waste Master Plan's integrated solid waste management program messages.</p>	<p>5</p>	<p>Inver Grove Heights supports/promotes the SWMCB's program messages by consistently using information from Rethink Recycling.</p>	<p>Inver Grove Heights staff and Dakota County and SWMCB</p>	<p>Annually</p>	<p>City newsletters and website publications</p>	
<p>14. Website for Recycling and Household Hazardous Waste Management – Maintain community website with environmental information that links to http://www.co.dakota.mn.us/EnvironmentRoads/default.htm.</p>	<p>5</p>	<p>Inver Grove Heights maintains an active website that routinely links to the County pages with current recycling and household hazardous waste information</p>	<p>Inver Grove Heights staff and Dakota County</p>	<p>ongoing</p>	<p>City website</p>	
<p>D. Total Points (add 11 – 14) (= 20 points total)</p>						

E. Education – Choose Any Five (5). Identify and describe the proposed activities that your community will undertake in the current application year. The community chooses to complete any five activities.

EDUCATION RESPONSIBILITY	Points (8 Points Each)	PROPOSED ACTIVITY	PROPOSED PARTNERS	PROPOSED TIMELINE	PROPOSED OUTCOME MEASUREMENT (Qualitative and/or quantitative)	2013 RESULTS (to be completed when submitting 2013 Annual Report)
<p>15. Make presentation(s) to City employees (minimum of 10) regarding a government leadership activity. Topic(s) must be consistent with the annual work plan.</p>		<p>Plan to devote portion of a city staff meeting to presentation the highlights in-house recycling efforts</p>	<p>City staff and County staff or consultant</p>	<p>2nd quarter</p>	<p>Measurement of increased in-house recycling</p>	
<p>16. Provide environmental education to community group(s) (minimum of 10 people.) Topic(s) must be consistent with the annual work plan.</p>		<p>Plan to present to community group on topic of environmental education</p>	<p>City staff and County staff or consultant</p>	<p>2nd quarter</p>	<p>Feedback from community group on action steps to be taken</p>	

<p>17. Provide environmental education in schools or other public entities (minimum of 10 people), with schools a top priority. Topic(s) must be consistent with the annual work plan.</p>	<p>Plan to present to school group on topic of environmental education</p>	<p>City staff and County staff or consultant</p>	<p>3rd quarter</p>	<p>Feedback from school group on action steps to be taken</p>	
<p>18. Sponsor a community event for Earth Day (if attended by over 100 people – counts as two).</p>	<p>Plan to sponsor informational booth at Community Clean Up Day</p>	<p>City staff and County staff or consultant</p>	<p>2nd quarter</p>	<p>Number of brochures or literature distributed and anecdotal feedback on action steps to be taken</p>	
<p>19. Sponsor a community event for America Recycles Day (if attended by over 100 people - counts as two).</p>					
<p>20. Sponsor a community event for Pollution Prevention Week (if attended by over 100 people – counts as two).</p>					
<p>21. Provide recycling at community-sponsored event or festival, including recycling containers and recycling labels.</p>	<p>Plan to sponsor recycling opportunities at IGH festival</p>	<p>City staff and Allied Waste</p>	<p>2nd quarter</p>	<p>Number of pounds or recycling collected at event</p>	
<p>22. Rethink Recycling –in addition to completing mandated education activity #11, incorporate an additional electronic and/or printed material provided by the regional Rethink Recycling campaign into communications distributed in your community.</p>					
<p>23. The Recycling Zone - In addition to completing mandated education activity #12, incorporate an additional electronic and/or printed material provided by the region's Rethink Recycling campaign into communications distributed in your community.</p>					

24. Enhanced Education: Expand or enhance education or promotional efforts (see Guidelines)					
D. Total Points (add 15 to 24) (= 40 points total)					

F. Performance- Based Funding. The Community Funding program is performance-based. Communities receive 100% of eligible funds if the required activities are completed, or will be adjusted according to the following schedule:

PERFORMANCE-BASED FUNDING TOTAL POINTS (add total points for A + B + C + D) = (100 points total)	_____ Points	Adjustments to community payments for expenditures or activities not consistent with the Application will be based on a point scale and upon the following Performance-Based Funding Schedule: 25 points or less = 25% of net eligible costs reimbursed 26 – 50 Points = 50% of net eligible costs reimbursed 51 – 84 Points = 75% of net eligible costs reimbursed 85 – 92 Points = 95% of net eligible costs reimbursed 93 – 100 Points = 100% of net eligible costs reimbursed
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CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

SCHEDULE PUBLIC HEARING TO CONSIDER 2013 LIQUOR LICENSE RENEWALS

Meeting Date: October 22, 2012
Item Type: Consent
Contact: 651.450.2513
Prepared by: Melissa Kennedy
Reviewed by: N/A

Fiscal/FTE Impact:	
<input checked="" type="checkbox"/>	None
<input type="checkbox"/>	Amount included in current budget
<input type="checkbox"/>	Budget amendment requested
<input type="checkbox"/>	FTE included in current complement
<input type="checkbox"/>	New FTE requested – N/A
<input type="checkbox"/>	Other

PURPOSE/ACTION REQUESTED:

Schedule public hearing on December 10, 2012 at 7:00 p.m. to consider liquor license renewals for the 2013 calendar year.

SUMMARY:

Liquor license renewals for the 2013 calendar year are to be considered at the first regular City Council meeting in December. A notice of public hearing will be published in the official City newspaper and a list of establishments requesting license renewals will be provided to the Council prior to the public hearing.

CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

Consider Approval of Temporary Liquor License – Inver Hills Community College

Meeting Date: October 22, 2012
Item Type: Consent
Contact: 651-450-2513
Prepared by: Melissa Kennedy
Reviewed by: N/A

Fiscal/FTE Impact:	
<input checked="" type="checkbox"/>	None
<input type="checkbox"/>	Amount included in current budget
<input type="checkbox"/>	Budget amendment requested
<input type="checkbox"/>	FTE included in current complement
<input type="checkbox"/>	New FTE requested – N/A
<input type="checkbox"/>	Other

PURPOSE/ACTION REQUESTED:

Consider approval of the request from Inver Hills Community College for a temporary 3.2 liquor license for Lancer Catering to serve alcohol on November 15, 2012 in conjunction with a wine tasting event at the college.

SUMMARY:

Gail Morrison, Executive Director at Inver Hills Community College, is requesting approval of a temporary 3.2 liquor license to serve wine and beer at a fundraiser to be held at the college on November 15, 2012. Lancer Catering is licensed with the State of Minnesota for the sale of intoxicating liquor and also carries liquor liability insurance to serve alcoholic beverages off-site. A certificate of liability insurance was provided with the temporary license request.

CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

Schedule Special Council Meeting

Meeting Date: October 22, 2012
Item Type: Consent
Contact: 450-2513
Prepared by: Melissa Kennedy
Reviewed by: N/A

Fiscal/FTE Impact:

- | | |
|-------------------------------------|------------------------------------|
| <input checked="" type="checkbox"/> | None |
| <input type="checkbox"/> | Amount included in current budget |
| <input type="checkbox"/> | Budget amendment requested |
| <input type="checkbox"/> | FTE included in current complement |
| <input type="checkbox"/> | New FTE requested – N/A |
| <input type="checkbox"/> | Other |

PURPOSE/ACTION REQUESTED: Schedule special Council meeting on Friday, November 9, 2012 at 7:30 a.m. in the City Council Chambers to canvass the results of the General Election.

SUMMARY: Council is required to canvass the results of the 2012 General Election on the third day following the election, November 6th.

CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

SCHEDULE PUBLIC HEARING

Meeting Date: October 22, 2012
Item Type: Consent
Contact: JTeppen Asst. City Admin
Prepared by:
Reviewed by:

Fiscal/FTE Impact:
 None
 Amount included in current budget
 Budget amendment requested
 FTE included in current complement
 New FTE requested – N/A
 Other

PURPOSE/ACTION REQUESTED Schedule a Public Hearing on November 12, at 7:00 p.m. in the Council Chambers to consider the amendment of City Code Title 3, Chapter 4, Section 3-4-2-2, 3-4-2-3 Fees, and 10-3-8 Planning Fees. These are the fees associated with Water and Sanitary Sewer Utility Connections, Storm Water Utility Connection Fees, and Planning Fees.

SUMMARY Minnesota Statutes 462.353 directs that all changes to fees associated with municipal planning activities are required to be heard at a public hearing. This includes not only the fees and charges for planning activities, but those associated with building permits and water and sewer connection charges. While it is not explicitly required under State Statute yet, the City Attorney has advised staff that it would be prudent to put all fees associated with development activities into the City's Code.

CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

ACCEPT RESIGNATION OF PARKS AND RECREATION ADVISORY COMMISSIONER

Meeting Date: October 22, 2012
Item Type: Consent
Contact: JTeppen, Asst City Admin
Prepared by:
Reviewed by:

Fiscal/FTE Impact:	
<input checked="" type="checkbox"/>	None
<input type="checkbox"/>	Amount included in current budget
<input type="checkbox"/>	Budget amendment requested
<input type="checkbox"/>	FTE included in current complement
<input type="checkbox"/>	New FTE requested – N/A
<input type="checkbox"/>	Other

PURPOSE/ACTION REQUESTED Accept resignation of Parks and Recreation Advisory Commissioner.

SUMMARY Desta Meyer, member of the newly Parks and Recreation Advisory Commission since 2011 has submitted her resignation which is attached.

This nine-member commission now has one vacancy.

This vacancy as well as the vacancies on the ARC will be advertized in the upcoming issue of Insights and on the web site with a deadline of December 15. Staff would like to return to the Council in January with any appointments.

October 8, 2012

Honorable Mayor Tourville
Inver Grove Heights City Council

Subject: Resignation of Park & Recreation Commission Seat

Mayor Tourville & City Councilmember's

It is with great regret that I inform you of my resignation from the Inver Grove Heights Parks & Recreation Commission; I have moved to the City of Eden Prairie and can no longer fulfill my duties as a Commissioner. I enjoyed my time on the Commission and feel we have the foundation of an excellent park, recreation, and trail system. My term ends in May of 2014, so I'm sure you will be able to find a suitable candidate to serve in the remainder of my term.

Should you have any questions please feel free to contact me at destaimeyer@gmail.com

Sincerely,

A handwritten signature in cursive script that reads "Destia Meyer". The signature is written in black ink and is positioned above the typed name and address.

Destia Meyer – Park & Recreation Commissioner
8432 Copperfield Way
Inver Grove Heights MN 55076

CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

PERSONNEL ACTIONS

Meeting Date: October 22, 2012
Item Type: Consent
Contact: Jenelle Teppen, Asst. City Admin
Prepared by: Amy Jannetto, H.R. Coordinator
Reviewed by: n/a

Fiscal/FTE Impact:	
<input type="checkbox"/>	None
<input checked="" type="checkbox"/>	Amount included in current budget
<input type="checkbox"/>	Budget amendment requested
<input type="checkbox"/>	FTE included in current complement
<input type="checkbox"/>	New FTE requested – N/A
<input type="checkbox"/>	Other

PURPOSE/ACTION REQUESTED Staff requests that the Council approve the personnel actions listed below:

Please confirm the seasonal termination of employment of: Matt Moynihan, Dennis Hogan, Michael Barnett and John Fisher.

Please confirm the employment of: Miguel Guadalajara and Brandon Kelting as Police Officers.

CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

Meeting Date: October 22, 2012
 Item Type: Consent Agenda
 Contact:
 Prepared by: Larry Stanger, Chief of Police
 (651) 450-2526
 Reviewed by:

Fiscal/FTE Impact:

<input type="checkbox"/>	None
<input type="checkbox"/>	Amount included in current budget
<input type="checkbox"/>	Budget amendment requested
<input type="checkbox"/>	FTE included in current complement
<input type="checkbox"/>	New FTE requested – N/A
<input checked="" type="checkbox"/>	Other

PURPOSE/ACTION REQUESTED:

Council is asked to consider adopting the attached resolution that provides for the purchase of a 2013 Ford FPI Utility through the Central Equipment Fund to test its ability to satisfactorily replace the Ford Crown Victoria which is no longer in production.

SUMMARY:

Ford Motor Company has stopped production of the Crown Victoria Police Interceptor (CVPI). We are faced with a decision on the use of a different type of vehicle for squad cars starting in 2013. Knowing this was going to occur, a squad car committee was established with neighboring City police department's to determine which make of vehicle would be best to replace the Ford CVPI. The committee determined that Ford's replacement to the Crown Victoria, Ford Police Interceptor (FPI) Utility, would be the best product for replacement from a cost savings, reliability, fuel efficiency and resale perspective.

What is being proposed is to purchase a FPI Utility from the central equipment fund to replace the recently auctioned Chrysler PT Cruiser and utilize it as our new squad car. This vehicle would be a multi-purpose vehicle that will be utilized by officers working the various Traffic Safety Project enforcement events held throughout the year and the School Resource Officer (SRO). Since the proposed use of this vehicle will be for traffic safety enforcement as well as the SRO's involvement in alcohol and drug education to students in the schools, our DWI forfeiture proceeds can be used for the purchase of the equipment to outfit the vehicle for use as a patrol car. The Central Equipment schedule calls for the replacement of 4 squads in 2013. Purchasing this vehicle now will allow us to test its use to confirm that this is the vehicle type we want to replace our current vehicle that will not be available next year. The vehicle would become an addition to our fleet of marked squad cars. Because the equipment purchased to outfit the squad is from DWI forfeiture funds, that equipment can be turned over into vehicles purchased in future years as long as we keep it for use in traffic safety enforcement and by the SRO.

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MN**

RESOLUTION NO. _____

**A RESOLUTION AUTHORIZING THE POLICE DEPARTMENT TO PURCHASE A
FORD POLICE INTERCEPTOR (FPI) UTILITY**

WHEREAS, the City of Inver Grove Heights' Police Department currently utilizes Ford Crown Victoria Police Interceptors (CVPI) as their squad car, and

WHEREAS, Ford Motor Company has stopped production of the Ford CVPI, and

WHEREAS, Ford's replacement of the Ford CVPI is the Ford Police Interceptor (FPI),
and

WHEREAS, the central equipment schedule calls for the replacement of four Ford CVPI squad cars in 2013, and

WHEREAS, a police squad car committee determined the Ford Police Interceptor (FPI) Utility would be the best product for replacement of the Ford CVPI from a cost savings, reliability, fuel efficiency and resale prospective, and

WHEREAS, the acquisition quote for the FPI Utility from the State bid process is \$26,900.00, and

WHEREAS, costs for the equipment to outfit the FPI Utility is \$29,700.00, and

WHEREAS, Minnesota State Statute allows DWI forfeiture proceeds to be used in DWI related enforcement, training in alcohol and drug education, and

WHEREAS, the use of this vehicle will be for Traffic Safety Project enforcement events and by the School Resource Officer (SRO) for alcohol and drug education.

**NOW, THEREFORE, BE IT RESOLVED THAT THE CITY COUNCIL OF
INVER GROVE HEIGHTS AUTHORIZES:**

1. The purchase of a 2013 FPI Utility in total amount of \$26,900.00 funded from the central equipment fund.
2. The purchase of the necessary equipment to outfit the FPI Utility in total amount of \$29,700.00 funded from the DWI forfeiture account,

Adopted by the City Council of Inver Grove Heights this 22th day of October, 2012.

AYES:

NAYS:

George Tourville, Mayor

ATTEST:

Deputy City Clerk

CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

Hearing on Special Assessments for 2012 Nuisance Abatement

Meeting Date: October 22, 2012
 Item Type: Regular Agenda
 Contact: Nicole Cook; Code Compliance Specialist
 Prepared by: Nicole Cook
 Reviewed by: Tom Link

Fiscal/FTE Impact:

<input type="checkbox"/>	None
<input type="checkbox"/>	Amount included in current budget
<input type="checkbox"/>	Budget amendment requested
<input type="checkbox"/>	FTE included in current complement
<input type="checkbox"/>	New FTE requested – N/A
<input checked="" type="checkbox"/>	Other

PURPOSE/ACTION REQUESTED

Consider a Resolution Adopting the Assessment for 2012 Nuisance Abatement Program.

BACKGROUND

Various properties were noticed that their properties were out of compliance in a number of different aspects; long grass and weeds, refuse, and other nuisance abatement. The property owners were notified that they needed to bring their properties into compliance or that the City would abate the nuisance and that the costs would be assessed. Notice of assessment charges have been sent out to property owners twice requesting payment. The following assessments remain unpaid.

The following parcels are proposed to be assessed:

207115306080 70TH AND CLEVE KIM VO	\$124.47
208210001070 8050 COOPER AVE STEVEN DAVIS	\$105.85
203100003040 6553 BARBARA AVE STEVEN GOTHAM	\$180.32
207115106290 7305 CLEVE AVE RYAN CAIRNS	\$219.00
200040050014 2144 67 TH ST E GARY STIELOW	\$219.00
207115306080 70 TH AND CLEVE KIM VO	\$134.50
207116002040 3520 68 TH ST E	\$226.80

JAY WEBBER	
206405001040 6015 CONCORD BLVD DEUTSCHE BANK	\$208.76
207115401103 3596 70 TH ST E LAWRENCE KLADEK	\$219.00
207115306080 70 TH AND CLEVE KIM VO	\$151.40

For a total assessment amount of \$1789.10

Enc: Resolution

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

RESOLUTION ADOPTING THE ASSESSMENT FOR THE 2012 NUISANCE ABATEMENT PROGRAM

RESOLUTION NO. _____

WHEREAS, pursuant of proper notice duly given as required by law, the Council has met, heard and passed upon all objections to the proposed assessment for the improvements – 2012 Nuisance Abatement which includes the following:

Lawn mowing, tree trimming, brush removal, refuse removal, and other nuisance abatement

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF INVER GROVE HEIGHTS, MINNESOTA THAT:

1. Such proposed assessment, a copy of which is attached hereto and made a part hereof, is hereby accepted and levied and shall constitute the special assessment against the lands herein, and each tract of land therein included is hereby found to be benefited by the proposed assessment levied against it.
2. Such assessment shall be payable in equal installments extending over a period of three (3) years, the first of the installments to be payable on or before the first Monday in January 2013, and shall bear interest at the rate of eight percent (8%) per annum from the date of adoption of this assessment resolution. To the first installment shall be added interest for one year on all installments.
3. The owner of any property, so assessed, may at any time prior to certification of the assessment to the County Auditor, pay the whole of the assessment on such property with interest accrued to the date of payment, to the City Treasurer, except that no interest shall be charged if the entire assessment is paid within thirty days from the adoption of this resolution, and the owner may, at any time thereafter, pay to the County Treasurer the entire amount of the assessment remaining unpaid, with interest accrued to December 31 of the year in which such payment is made. Such payment must be made before November 15, or interest will be charged through December 31 of the next succeeding year.
4. The Clerk shall, forthwith, transmit a certified duplicate of this assessment to the County Auditor to be extended on the property tax lists of the County, and such assessments shall be collected and paid over the same manner as other municipal taxes.

Adopted by the City Council of Inver Grove Heights this 22nd Day of October, 2012.

AYES:
NAYS:

George Tourville, Mayor

ATTEST:

Melissa Kennedy, Deputy Clerk

TAX ID AND ASSESSMENT AMOUNT

207115306080 70TH AND CLEVE KIM VO	\$124.47
208210001070 8050 COOPER AVE STEVEN DAVIS	\$105.85
203100003040 6553 BARBARA AVE STEVEN GOTHAM	\$180.32
207115106290 7305 CLEVE AVE RYAN CAIRNS	\$219.00
200040050014 2144 67 TH ST E GARY STIELOW	\$219.00
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207115401103 3596 70 TH ST E LAWRENCE KLADEK	\$219.00
207115306080 70 TH AND CLEVE KIM VO	\$151.40

CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

BITUMINOUS ROADWAYS – CASE NO. 12-17CZA

Meeting Date: October 22, 2012
 Item Type: Regular
 Contact: Allan Hunting 651.450.2554
 Prepared by: Allan Hunting, City Planner
 Reviewed by:

Fiscal/FTE Impact:	
<input checked="" type="checkbox"/>	None
<input type="checkbox"/>	Amount included in current budget
<input type="checkbox"/>	Budget amendment requested
<input type="checkbox"/>	FTE included in current complement
<input type="checkbox"/>	New FTE requested – N/A
<input type="checkbox"/>	Other

PURPOSE/ACTION REQUESTED

Consider the following actions for property located at 11201 Rich Valley Boulevard;

- a) A **Conditional Use Permit Amendment** for the processing of sand and gravel, an asphalt plant and contractor’s yard with open storage.
 - Requires 4/5th's vote.

- b) An **Ordinance Amendment** for a five (5) year extension to the existing Sand & Gravel Overlay on the property.
 - Requires 3/5th's vote.

 - 60-day deadline: November 1, 2012 (extended by applicant)

SUMMARY

This request was tabled by the Council on August 13th. There were a number of residents that expressed some concerns with the possible impacts to their well. Staff conducted a neighborhood meeting on September 25th to present additional information to the residents. In attendance were representatives from; Barr Engineering, DNR, Dakota County and Bituminous Roadways. Each presented information on the impacts of the well proposal and the process by which these types of wells are reviewed and permitted. Approximately 30 residents attended the meeting. Staff has also posted some of the information from the meeting on the city’s website.

Bituminous Roadways is requesting a five (5) year extension to their existing Sand and Gravel Overlay for the gravel pit/asphalt plant located on Rich Valley Boulevard. The existing conditional use permit also requires an extension for the same time period as the sand and gravel overlay.

No physical changes are being proposed for the operation. The applicant is requesting two changes to the conditions of approval. The first is to allow a new on-site ground water well to supply make up water for the wash plant operation. The second is to allow some extended hours so the plant can operate in the evening to compete for night work projects.

Bituminous Roadways is now looking at drilling a deeper well which appears to have less of an impact on any neighboring wells. They continue to propose to pump at a maximum of 450 gallons per minute, up to 12 hours per day and a maximum of 5 days per week (over 26 weeks of operation) for an average of approximately 160 gallons per minute.

ANALYSIS

To help summarize the main concerns that came out of the meeting, Barr Engineering has prepared a list of frequently asked questions (attached).

Based on information that is available for the area, the well proposed in the deeper aquifer, pumping at an average of 160 gallons per minute would cause a drawdown of about one foot in the vicinity of the property. This amount of drawdown would not change the direction of ground water flow and would not increase the potential for pulling contamination from Pine Bend westward. Originally, Bituminous Roadways proposed to drill into a shallower aquifer. At the shallower well depth, a drawdown of 5-6 feet close to the well is possible.

Wells are “waters of the state” and are governed at the state level by the DNR. Well and water appropriation permits are not regulated at the local level. They are intended to be handled by the DNR who have the personnel and resources to administer and enforce the permits. The City does not regulate the construction or use of the proposed well.

A well interference resolution process with the DNR already exists and is detailed on the procedure for parties to follow who believe their well is impacted by a high capacity well (see attached). Bituminous Roadways is also willing and will provide details to the council of their own interference protocol that spells out exactly what will be done in the event a well within so many feet experiences problems. This would be a private contract between Bituminous Roadways and the residents (see attached). The City would not be party to this agreement. The agreement would cover such items as; contact of local well driller to come out on short notice to check well, contact name with Bituminous, provide alternative drinking water, solutions. Bituminous Roadways will present the details of this agreement at the meeting.

Barr Engineering reviewed the request to add a new well at both proposed well depths and does not expect any permanent negative impacts and finds the request acceptable.

RECOMMENDATION

The Environmental Commission recommended approval of the request as presented.

The Planning Commission recommended approval of the request as presented.

Planning Division. Based on the information gathered by Barr Engineering and from discussions with the DNR indicating no negative impacts from the new well, Staff continues to recommend approval of the ordinance amendment and conditional use permit amendment as presented.

Attachments: Ordinance Amendment
 Conditional Use Permit Amendment Resolution
 Letter from Applicant
 Bituminous Roadways Voluntary Well Interference Protocol Agreement

DNR Well interference resolution process
References on the DNR water appropriation permit process
Frequently Asked Questions prepared by Barr Engineering
Original Staff Report
City Council Minutes from August 13
E-mails from residents

CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA

ORDINANCE NO. _____

AN ORDINANCE AMENDING TITLE 10, CHAPTER 4 OF THE INVER GROVE
HEIGHTS CITY CODE

CASE NO. 12-17CZA

The City Council of Inver Grove Heights ordains as follows:

SECTION I. Ordinance No. 1037 adopted July 8, 2002, entitled, "AN ORDINANCE AMENDING, RESTATING, AND RECODIFYING SECTIONS 405, 425, 515, 505, 516, 517, 518, 519, 520, 525, 535, 540, 545, 546, AND 550 OF THE INVER GROVE HEIGHTS CITY CODE" being also known as the City Zoning Ordinance is hereby amended to rezone to Temporary Sand and Gravel (S & G) for a period of five (5) years to following described property located within the City of Inver Grove Heights, Minnesota, to wit:

That part of the S $\frac{1}{2}$ of the NE $\frac{1}{4}$ of Section 32, Township 27, Range 22, lying westerly of Rich Valley Boulevard; except that part described as follows: Commencing at the SE corner of said S $\frac{1}{2}$ NE $\frac{1}{4}$; thence west along the south line thereof, a distance of 592.43 feet; thence north 344.9 feet; thence east 570 feet to the centerline of Rich Valley Boulevard; thence southeasterly along said centerline, a distance of 67 feet to the east line of said S $\frac{1}{2}$ NE $\frac{1}{4}$; thence south 281.85 feet to the point of beginning. Part of PID # 20-03200-011-05, and

The Northeast Quarter of the Southwest Quarter and the North One-Half of the Southeast Quarter, Section 32, Township 27, Range 22, and all of that tract of land lying West of Highway 5 in the Northwest Quarter of the Southwest Quarter, Section 33, Township 27, Range 22; subject to an

easement to Minnesota Northern Natural Gas Company, as described in Deed recorded in Book 193 of Deeds, page 374. PID No. 20-03200-010-75, 20-03200-020-50.

SECTION II. The Zoning Map of the City of Inver Grove Heights referred to and described in said Ordinance No. 1037 as that certain map entitled "Inver Grove Heights Zoning Map, June 24, 2002," shall not be republished to show the aforesaid rezoning, but the Clerk shall appropriately mark the said zoning map on file in the Clerk's Office for the purpose of indicating the rezoning hereinabove provided for in this ordinance and all of the notations, references and other information shown thereon are hereby incorporated by reference and made a part of this ordinance.

SECTION III. This Ordinance shall be in full force and effect from and after its publication according to law, and shall be subject to the following conditions:

1. The Temporary Sand and Gravel (S&G) Zoning shall remain in place on the property for a period of five (5) years to expire on August 13, 2017.
2. The operation of the sand and gravel operation approved herein shall comply with all provisions of Inver Grove Heights City Code, Title 10-13G, Sand and Gravel Overlay District, except as specifically modified herein.
3. The following plans, on file with the Planning Division, shall constitute the "approved plans" referenced therein:
 - Existing conditions dated 7/21/12
 - Phasing Plan dated 7/21/12
 - Final Land Use Plan dated 4/25/02
 - Reclamation Plan dated 7/21/12
 - Landscaping Plan - east property line dated 2012
 - Landscape Plan - south property line dated 2012All aspects of the operation of the site shall comply with the approved plans.
4. The location of the asphalt plant shall remain in its existing position and shall not be relocated unless this sand and gravel ordinance is amended.
5. "Operation" as it relates to hours of operation, shall include, but is not limited to, all mining and grading operations, washing, the operation of the asphalt plant on the site, and movement of vehicles and equipment in and out of the site. Hours of operation on the site shall be limited to 7:00 a.m. to 7:00 p.m., Monday through Saturday, except for the crushing of concrete which shall be regulated by Condition #7. The asphalt plant shall be allowed to operate a maximum of 30 night shifts (7:00 p.m. to 7:00 a.m.) during the construction season each year. Bituminous Roadways shall

provide the city with written notice prior to each event, including confirmation of contact with the nearest neighbor so a record can be kept to monitor total hours used each season.

6. Crushing of concrete on site shall be permitted provided the following conditions are met:
 1. All crushing operations shall be conducted in the current location in the existing site.
 2. The stockpile of concrete to be crushed and the stockpile of already crushed concrete shall not in the aggregate exceed a total of 50,000 cubic yards.
 3. The height of the stockpiles shall not exceed 25 feet.
 4. Crushing shall occur on not more than 12 weeks during the calendar year. No crushing shall occur on Sunday; crushing shall only occur between the hours of 7:00 a.m. and 7:00 p.m. Monday - Friday and 9:00 a.m. to 6:00 p.m., Saturday.
7. Bituminous Roadways may temporarily store Manufactured Organic Shingle Scrap (MOSS) in open storage areas provided the areas in the aggregate do not exceed one (1) acre in size and provided the location and storage configuration is approved by the Fire Marshal and Director of Community Development. MOSS storage areas may be relocated as operations on the site change subject to the approval of the Fire Marshal and the Director of Community Development. The City may impose reasonable conditions relating to dust control, fire prevention and size, height and configuration of the storage piles.
8. The final disposal of MOSS on the site shall be prohibited.
9. As part of the approval granted herein, the applicant may use used concrete and asphalt products as a part of the operation. Stockpiling area for these materials shall be as noted on the approved plans.
10. Bituminous Roadways shall prohibit all drivers of trucks from using Rich Valley Boulevard north of Cliff Road except in those instances where materials are being taken to a project located within the City's regulatory authority. Bituminous Roadways shall post an advisory to all drivers to the same effect at exits from the site.
11. The site shall be kept clear, at all times, of windblown debris.
12. The foundry sand in the southeast berm shall be left undisturbed.

13. Bituminous Roadways shall bring no additional foundry sand onto the site.
14. The berms which cover the foundry sand shall be maintained in vegetative cover to control erosion of the foundry sand.
15. The stockpiled MOSS, shingle scrap, recycled asphalt, and concrete pavement will not be disposed at the site.
16. Stock piles of recycled asphalt, MOSS, shingles, and concrete shall be limited in size to amount that will be used that year.
17. Backfill material shall be either clean fill material that was stripped off the site or other clean fill material which is brought in from offsite.
18. Spent bag house bags will be disposed of in a lined landfill permitted or approved to accept such materials.
19. A restoration bond shall be in an amount to cover the costs of restoration of the site, as determined by the City Engineer, prior to City Council approval.
20. Bituminous Roadways shall obtain and maintain the necessary licenses and approvals from Dakota County and Minnesota Department of Natural Resources. Terms and conditions of the license and approval shall be hereby incorporated into this City approval.
21. Bituminous Roadways shall obtain and maintain the necessary Minnesota Pollution Control Agency permits including two air quality permits and one industrial storm water permit. The terms and conditions of those permits shall be hereby incorporated into this City approval.
22. All reports which are required to be submitted to Dakota County under a Hazardous Waste Generators License and a Processing License shall also be submitted to the City, including the required annual and quarterly reports.
23. All reports which are required to be submitted to the Minnesota Pollution Control Agency shall also be submitted to the City, including annual emissions inventory report, semi-annual deviations report, annual compliance certification report, and annual report.
24. Monitoring shall be conducted at the single water well that consists of arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel,

selenium, silver, zinc, DRO, GRO, phenol, pH, electric conductivity and alkalinity. The monitoring shall occur with half the wells every other year. Parameters and protocols shall be as agreed to by Dakota County, the City and Bituminous Roadways.

25. Monitoring of the storm water ponds used for the washing operation shall be conducted every other year and shall be tested for the same elements as listed in condition #24.
26. All buildings shall be removed from the site within three (3) months of the closure of the facility.
27. Bituminous Roadways shall enter into a Host Community Agreement with the City of Inver Grove Heights including the payment of host community fees, within three (3) months of the State Legislature providing the City with the Authority to enter into such an agreement.
28. Restoration shall be conducted in phases at the site. As portions of the mining area are completed, the areas will be backfilled, graded, topsoil applied and vegetation established.
29. The operator is responsible for obtaining all required permits for the wash water well from the appropriate state and or county agencies and must meet all DNR requirements, obligations and protocols for a well appropriations permit, including responsibilities and protocols for any remedial actions and those responsibilities and protocols for any compensation or damages from the loss of well use affected neighboring properties.
30. Bituminous Roadways shall provide a voluntary well interference protocol agreement for neighboring properties requesting to be a party thereto. The agreement shall be prepared by Bituminous Roadways and shall stipulate procedures to follow should well problems occur. The agreement between the parties is strictly voluntary and not required for the well to be operational.

Enacted and ordained into an Ordinance this ____ day of _____, 2012.

Ayes:

Nays:

Ordinance No. _____
Page 6

George Tourville, Mayor

ATTEST:

Melissa Kennedy, Deputy Clerk

CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA

RESOLUTION NO. _____

RESOLUTION APPROVING A CONDITIONAL USE PERMIT AMENDMENT FOR THE PROCESSING OF SAND AND GRAVEL, AN ASPHALT PLANT AND CONTRACTOR'S YARD

CASE NO. 12-17CZA
(Bituminous Roadways)

WHEREAS, an application for Conditional Use Permit Amendment has been submitted for property legally described as the following;

That part of the S ½ of the NE ¼ of Section 32, Township 27, Range 22, lying westerly of Rich Valley Boulevard; except that part described as follows: Commencing at the SE corner of said S ½ NE ¼; thence west along the south line thereof, a distance of 592.43 feet; thence north 344.9 feet; thence east 570 feet to the centerline of Rich Valley Boulevard; thence southeasterly along said centerline, a distance of 67 feet to the east line of said S ½ NE ¼; thence south 281.85 feet to the point of beginning. Part of PID # 20-03200-011-05, and

The Northeast Quarter of the Southwest Quarter and the North One-Half of the Southeast Quarter, Section 32, Township 27, Range 22, and all of that tract of land lying West of Highway 5 in the Northwest Quarter of the Southwest Quarter, Section 33, Township 27, Range 22; subject to an easement to Minnesota Northern Natural Gas Company, as described in Deed recorded in Book 193 of Deeds, page 374. PID No. 20-03200-010-75, 20-03200-020-50.

WHEREAS, the aforescribed property is currently zoned A, Agricultural and S&G, Sand and Gravel Overlay;

WHEREAS, all conditional use permits are subject to the criteria listed in City Code Title 10, Chapter 3, Article A, Section 10-3A-5, regarding consistency with the Comprehensive Plan, conformity with the Zoning Ordinance and compatibility with adjacent properties, among other criteria;

WHEREAS, a public hearing concerning the Conditional Use Permit was held before the Inver Grove Heights Planning Commission in accordance with Minnesota Statutes, Section 462.357, Subdivision 3 on August 9, 2012;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF INVER GROVE HEIGHTS, that a Conditional Use Permit Amendment for the processing of sand and gravel, an asphalt plant and a contractor's yard with open storage is hereby granted for the aforescribed property, subject to the following conditions:

1. Resolutions No. 07-122 and the conditions therein shall become null and void.
2. All terms and conditions of the approval of the temporary Sand and Gravel Zoning District for the property shall apply to all the operations on the site specifically stated herein, except where said terms and conditions may be modified by the conditions below, then the conditions of this permit shall prevail.
3. Approval of this conditional use permit shall be valid for the duration of the Temporary Sand and Gravel Zoning or until such time that the sand and gravel operation on site shall cease to continue if such time frame is shorter. The sand and gravel operation and the approval granted herein shall terminate concurrently.
4. Where violations of the conditions of this permit are noted, the City is authorized to immediately terminate all operations on the site and resumption of operation will not be permitted until such violation is rectified.
5. The processing of the sand and gravel shall include, but not limited to; mining, crushing, screening, washing, sorting and blending into and stockpiling a variety of aggregates, and the recycling and stockpiling of concrete and rock products.
6. The contractor's yard shall be used in substantial conformance with the plan entitled "Existing Conditions" dated 1/8/07, on file with the Planning Division.
7. The location of the asphalt plant shall remain in its existing position and shall not be relocated.
8. All buildings shall be removed from the site within three (3) months of the closure of the facility.
9. Storage of equipment and vehicles for Rainbow Painting shall be limited to the building designated "garage" on the approved site plan and the adjacent area located south of the metal building.
10. All plans submitted by the applicant shall be subject to the review and recommendations made by the City Engineer and Director of Public Works.

11. Monitoring shall be conducted every other year at the single ground water well on site known as the "Rainbow well" and on the Todd Wicker and Robert Plan property, that consists of arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, zinc, DRO, GRO, phenol, pH, electric conductivity and alkalinity. The monitoring shall occur at half the wells one year and the other half the next year. Parameters and protocols shall be as agreed to by Dakota County, the City and Bituminous Roadways.
12. The owner shall provide the City Engineering Division full access to the property for an annual storm water maintenance, erosion control, and sediment control inspections.
13. The operator is responsible for obtaining all required permits for the wash water well from the appropriate state and or county agencies and must meet all DNR requirements, obligations and protocols for a well appropriations permit, including responsibilities and protocols for any remedial actions and those responsibilities and protocols for any compensation or damages from the loss of well use affected neighboring properties.
14. Bituminous Roadways shall provide a voluntary well interference protocol agreement for neighboring properties requesting to be a party thereto. The agreement shall be prepared by Bituminous Roadways and shall stipulate procedures to follow should well problems occur. The agreement between the parties is strictly voluntary and not required for the well to be operational.

BE IT FURTHER RESOLVED that the Deputy Clerk is hereby authorized and directed to record a certified copy of this Resolution at the Dakota County Recorder's Office.

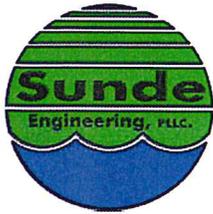
Adopted by the City Council of Inver Grove Heights this _____ day of _____, 2012.

George Tourville, Mayor

Ayes:
Nays:

ATTEST:

Melissa Kennedy, Deputy Clerk



Kirsten Pauly, PE/PG, *Principal*
Brian H. Mundstock, PE, *Principal*
Mike Kettler, PE, *Principal*

Consulting Civil Engineers

October 15, 2012

Mr. Allan Hunting
City of Inver Grove Heights
8150 Barbara Avenue
Inver Grove Heights, MN 55077-3412

Re: Bituminous Roadways Proposed Well

Dear Mr. Hunting,

Bituminous Roadways, Inc. (BRI) had originally planned to withdraw water from a ± 200 foot deep well that is finished in the Glacial drift aquifer. Due to concerns from neighboring well owners about groundwater drawdown in the Glacial drift and Prairie du Chien aquifer and discussions with the Minnesota Department of Natural Resources (DNR), BRI will consult with a licensed high capacity well driller to install a well ± 460 feet deep that is finished in the Tunnel City-Wonewoc (TWOW) aquifer. This option seems to have the least amount of impact on the neighboring well owners and is preferred by the DNR (in order to have a well finished in the Glacial drift aquifer the DNR will require a 1.5 mile radius well inventory and a 7-30 day aquifer pump test).

BRI will need to pump approximately 450 gallons per minute to maintain production rates for their wash plant. If BRI isn't able to obtain the yield that they need from the TWOW aquifer (43 million gallons per year), then they will work with the DNR to review their options for obtaining more water. This could include installing a well in the Glacial drift aquifer to supplement the yield from the TWOW well. If BRI does install a well in the Glacial drift aquifer, then they will comply with the permit requirements of the DNR which may include providing a 1.5 mile radius well inventory and/or a 7-30 day aquifer test.

BRI will pump a maximum of 450 gallons per minute (gpm), up to 12 hours per day and a maximum of 5 days per week (over 26 weeks of operation, this averages to about 160 gpm).

BRI is still offering to enter into a Well Interference Protocol Agreement with interested neighboring well owners (even though the TWOW well should essentially eliminate well interference concerns). BRI would like to work with the City to make this agreement available to the neighboring well owners, possibly via the City's website.

Please feel free to contact me with any questions or comments. I can be reached at 952-229-8677.

Sincerely,
SUNDE ENGINEERING, PLLC

A handwritten signature in blue ink that reads "Michaela Whelan".

Michaela Whelan, P.E.

Cc: Kent Peterson, Bituminous Roadways, Inc.

SUNDE ENGINEERING, PLLC
10830 Nesbitt Avenue South • Bloomington, Minnesota 55437-3100
Phone: (952) 881-3344 • Fax: (952) 881-1913 • E-Mail: info@sundecivil.com

Well Interference Protocol for Bituminous Roadways, Inc. (BRI) and (Add Well Owner Name).

This agreement is between the following 2 parties;

<u>Bituminous Roadways, Inc.</u>	<u>Private Well Owner</u>
<u>1520 Commerce Drive</u>	<u>Name: _____</u>
<u>Mendota Heights, MN 55120</u>	<u>Address: _____</u>
<u>Main Contact: Kent Peterson</u>	<u>_____</u>
<u>Non-Emergency #: 651-686-7001</u>	<u>Phone: _____</u>
<u>Emergency Contact: (Add Name)</u>	<u>Unique Well ID#: _____</u>
<u>Emergency Phone: (Add Number)</u>	<u>Static Water Level: _____</u>
	<u>Pumping Water Level: _____</u>

Purpose:

This well interference protocol has been developed to ensure maintenance of water supply to the private well owner and to establish an agreed upon response in the event the well owner experiences water supply issues with their private well. Bituminous Roadways is requesting a water appropriations permit from the Minnesota Department of Natural Resources to operate a production well to supply make-up water for their wash plant operation. The private well identified above has been identified as a well within the zone of influence of the BRI proposed pumping activity. While the predicted drawdown at the private residential well is not expected to create a well interference or water supply issue, this agreement has been prepared to provide a protocol for responding to well interference problems in the event that field conditions vary substantially from modeling assumptions. This protocol has been developed to establish a timely response and resolution to any issues that may arise at minimal impact and inconvenience to the private well owner.

This well interference protocol is offered to all private well owners within the limits of the modeled four (4) foot drawdown contour of the Pond -Filling Pumping Scenario (based on the Question and Answer Report Bituminous Roadways Inc. – Proposed Wash Water Well prepared for the City of Inver Grove Heights, MN, July 2012). All private wells that were modeled to have an impact of two feet or more drawdown in the Long Term Pumping Scenario are also included in these limits.

Protocol:

In the event that the private well owner experiences a water supply problem, the well owner shall contact BRI at any time 24 hours a day, 7 days a week, at the emergency number (Add emergency phone number here). BRI will take the following actions immediately after BRI has been contacted by the well owner:

1. BRI shall provide said well owner with an alternative supply of water for drinking and cooking (bottled and/or trucked) within 12 hours of notification by well owner of a water supply issue;
2. BRI shall contact a licensed well driller in Dakota County and arrange for a well inspection within 48 hours of initial contact from well owner. The initial well inspection will include pulling the pump, measuring water level, and determining well construction/pump details. The licensed well driller will determine the cause for the water supply issue based on the results of his investigation. BRI will be financially responsible for the initial well inspection independent of the results of the investigation.
3. If the results of the well investigation determine that the water supply issue is caused by a lowering of the water table due to well interference of BRI's pumping, BRI shall provide the well owner water at a maximum domestic-consumption rate of 6.94 gallons per minute, unless the well owner can demonstrate that the well is part of a current DNR-issued Water Appropriations Permit. It will be up to BRI's discretion on how to remedy the impacted well. Two possible scenarios on the remedy of the impacted well are the following: the well driller will either lower the pump setting in the private well sufficiently to restore adequate water supply or if it is not possible to lower the pump due to limited well depth, a new well will be installed. If a new well is installed, the old well will be sealed in accordance with the Minnesota Department of Health regulations. The work performed on the private well, or the completion of a new well and sealing of the old well will be at the sole expense of BRI.
4. BRI will work with the well owner and the well driller throughout the investigation and remedy. BRI may reduce or suspend their use of the production well until the work on the private well is complete.
5. If the results of the well investigation determine that the private well water supply issue is not the result of the BRI production well lowering surrounding water levels, (for example a pump goes out, or a screen rusts or clogs) then the well driller will work with the well owner to repair the problem. BRI will be responsible for the cost of the initial well investigation and the well owner will be financially responsible for any repair work needed.
6. This agreement in no way limits the well owner from pursuing a remedy pursuant to MN Rules 6115.0730 Well Interference Problems Involving Appropriation. BRI is committed to working with the well owner in resolving the well interference complaint expeditiously

and to the complete satisfaction of the well owner. In the event that the well owner remains unsatisfied with the resolution BRI has provided, the well owner may contact the Minnesota Department of Natural Resources and file a Complaint Questionnaire and utilize the procedures currently in place to resolve well interference complaints.

Conditions:

1. BRI and their contractor(s) shall be granted reasonable access by the well owner to the well for the purposes of measuring water levels and confirming well construction/pump setting.
2. The well owner shall hold harmless BRI, their contractor(s), and the City of Inver Grove heights for any incidental changes in the character of water pumped from the well following the evaluation, including temporarily discolored water, staining to fixtures, and staining on laundered clothing due to the well construction/pump evaluation.
3. BRI shall not be held responsible for well failures caused by regional reductions in water levels, such as regional drought conditions. BRI shall be subject to ceasing pumping during regional drought conditions. BRI will not be required to make whole the private well owners.

Bituminous Roadways, Inc.

STATE OF MINNESOTA)
) ss.
COUNTY OF **Dakota**)

The foregoing instrument was acknowledged before me this ____ day of _____, 20__ by

_____.

Notary

(stamp)

(Add Well Owner Name)

STATE OF MINNESOTA)
) ss.
COUNTY OF **Dakota**)

The foregoing instrument was acknowledged before me this ____ day of _____, 20__ by

_____.

Notary

(stamp)

This document was drafted by:

Name: Michaelea Whelan, P.E.
Address: Sunde Engineering, PLLC
10830 Nesbitt Ave. S.
Bloomington, MN 55437

Well interference resolution process

Introduction

When a high capacity well is pumping, a portion of the aquifer around it is dewatered in a pattern known as a cone of depression. Wells located within the cone of depression may experience lower water levels and have problems getting water if water levels are lower than well pump. This condition is referred to as "well interference". Most well interference problems tend to be localized and short in duration, but being without water is a major inconvenience and can cause damage to well pumps. Some problems can be resolved by lowering the pump in the well or installing a new well pump, but in some situations it may be necessary to construct a new water supply well.

Minnesota Statutes 103G.261 establish domestic water use as the highest priority of the state's water when supplies are limited. Procedures for resolving well interferences are defined by **Minnesota Rules 6115.0730**. Domestic well owners and municipal water suppliers that have problems obtaining water and believe the situation is due the operation of a high capacity well that pumps in excess 10,000 gallons per day or one million gallons per year can submit a well interference complaint to the Department for investigation. However, before the Department will investigate a well interference complaint the well owner must have the well inspected by a licensed well driller to determine if the water supply problems are related to the condition of the domestic well.

Process

1. Contact your **Area Hydrologist** [PDF](#) to request a **Water Well Information and Complaint Questionnaire**, or download the **questionnaire** [PDF](#) from this page.
2. Submit the completed **Water Well Information and Complaint Questionnaire** to the appropriate DNR Regional Office for your county. A licensed well driller is required to complete parts B, C & D of the questionnaire.
3. The Regional Hydrologist will evaluate your complaint and determine whether an investigation is necessary.
4. Some investigations require that an aquifer pumping test be performed. The high capacity well would be pumped and water levels in the domestic well(s) involved in the complaint and possibly other wells in the area are measured to determine the extent of any well interference.
5. Aquifer test data and/or other information will be analyzed and a determination will be made regarding the existence and extent of the interference.
6. If the Department determines a well interference condition exists, the permittee will be required to perform one or more of the following actions within 30 days of notification:
 - Request a modification or restriction of the permit in order to provide the affected well owner with an adequate domestic water supply.
 - Negotiate a reasonable agreement with the affected domestic well owner(s).
 - Request a public hearing.

(3) hydrologic studies, if the above data are insufficient to allow the commissioner to properly assess the capability of the aquifer system in the area of withdrawal or are inadequate to allow assessment of the effects of the proposed appropriation on the water resource and on nearby wells.

Subp. 4. **Waiver.** Whenever information required by parts 6115.0660 and 6115.0680 to 6115.0720 is unnecessary or inapplicable, the commissioner shall waive those requirements.

Statutory Authority: *MS s 103G.315; 105.415*

Posted: *June 11, 2008*



6115.0670 COMMISSIONER'S ACTIONS ON PERMIT APPLICATIONS.

Subpart 1. **In general.** Upon receipt of the information required from the applicant under parts 6115.0660 and 6115.0680 to 6115.0720, where applicable, the commissioner shall take action on the application as follows.

Subp. 2. **Review and analysis of data.** Review and analysis of data:

A. The commissioner shall consider the following factors, as applicable:

- (1) the location and nature of the area involved and the type of appropriation and its impact on the availability, distribution, and condition of water and related land resources in the area involved;
- (2) the hydrology and hydraulics of the water resources involved and the capability of the resources to sustain the proposed appropriation based on existing and probable future use;
- (3) the probable effects on the environment including anticipated changes in the resources, unavoidable detrimental effects, and alternatives to the proposed appropriation;
- (4) the relationship, consistency, and compliance with existing federal, state, and local laws, rules, legal requirements, and water management plans;
- (5) the public health, safety, and welfare served or impacted by the proposed appropriation;
- (6) the quantity, quality, and timing of any waters returned after use and the impact on the receiving waters involved;
- (7) the efficiency of use and intended application of water conservation practices;
- (8) the comments of local and regional units of government, federal and state agencies, private persons, and other affected or interested parties;
- (9) the adequacy of state water resources availability when diversions of any waters of the state to any place outside of the state are proposed;
- (10) the economic benefits of the proposed appropriation based on supporting data when supplied by the applicant.

B. The commissioner shall further consider the following factors for appropriation from watercourses:

- (1) historic streamflow records, and where streamflow records are not available, estimates based on available information on the watershed, climatic factors, runoff, and other pertinent data;
- (2) physical characteristics such as discharge, depth, and temperature, and an analysis of the hydrologic characteristics of the watershed;

(3) aquatic system of the watercourse, riparian vegetation, and existing fish and wildlife management within the watercourse;

(4) frequency of occurrence of high and low flows;

(5) feasibility and practicability of off-stream storage of high flows for use in providing water supply during periods of normal low flows, when supply is limited by existing and anticipated use.

C. The commissioner shall further consider the following factors for appropriation from basins:

(1) total volume of water within the basin;

(2) slope of the littoral zone;

(3) available facts on historic water levels of the basin and other relevant hydrologic factors;

(4) cumulative long-range ecological effects of the proposed appropriation;

(5) natural and artificial controls which affect the water levels of the basin.

D. The commissioner shall further consider the following factors for appropriation of groundwater:

(1) type and thickness of the aquifer;

(2) subsurface area of the aquifer;

(3) area of influence of the proposed well(s);

(4) existing water levels in the aquifer and projected water levels due to the proposed appropriation;

(5) other hydrologic and hydraulic characteristics of the aquifer involved; and

(6) probable interference with neighboring wells.

Subp. 3. **Decision on applications.** The commissioner is authorized to grant permits, with or without conditions, or deny them. In all cases, the applicant, the managers of the watershed district, the board of supervisors of the soil and water conservation district, or the mayor of the city may demand a hearing in the manner specified in Minnesota Statutes, section 103G.311, subdivision 5, within 30 days after receiving mailed notice outlining the reasons for denying or modifying an application.

Decisions by the commissioner are further subject to the administrative provisions of Minnesota Statutes, sections 103G.241, 103G.251, 103G.295, 103G.297, and 103G.301 to 103G.315. These sections include information and requirements on procedure, authority, timing of actions, fees, notice, investigations, violations and penalties, and special provisions regarding mining operations.

Based on these statutory requirements and other applicable provisions of Minnesota Statutes, section 84.083, and chapters 103A, 103B, and 103E to 103G, the commissioner shall make decisions as follows:

A. No permit shall be granted if:



Frequently Asked Questions

Bituminous Roadways Inc., Proposed Wash Water Well

Prepared by Barr Engineering Company* – October 2012

*Barr Engineering Co. has been hired by the City of Inver Grove Heights to review the proposed Bituminous Roadways Inc., wash water well.

groundwater level measurements have been collected for several monitoring wells at the Pine Bend Landfill since 1984. These wells are completed in the Glacial Outwash/Till (water table) aquifer, the Prairie du Chien Group (limestone bedrock), and the Jordan Sandstone.

Groundwater levels have fluctuated over a range of 5 to 7 feet during this period and these fluctuations closely parallel precipitation. Groundwater levels were at their highest during the high-precipitation years of 2000 to 2002. Levels began to decline between 2003 and 2010 in response to a drier and warmer period. Since 2010, groundwater levels have begun to rise again in response to higher precipitation/snow fall in 2010 and 2011.

None of these data suggest that groundwater levels are dropping in the area due to increased groundwater usage. Longer-term predictions of groundwater levels made by the Metropolitan Council suggest that future groundwater uses in the Twin Cities metro area could result in regional lowering of groundwater levels in some areas of the cities.

Q: Why are the geologic and groundwater conditions used by the City's consultant (Barr Engineering Co.) different from conditions described in publications by the Minnesota Geologic Survey, the Department of Natural Resources, and the Minnesota Department of Health?

Barr used a regional groundwater flow model that was developed for the Metropolitan Council in 2009 as a starting point for analyses, and then added detailed local information into that model. Most publications on geology and groundwater for the Twin Cities area are general in nature and use generalities, rather than local conditions. These regional publications are useful for understanding the various aquifers, geologic conditions, etc., in the context of the entire seven-county metropolitan area, but they are not intended to provide localized information.

Q: What are the names and depths of the aquifers near BRI?

The aquifers near BRI that could be affected by the proposed BRI pumping include the Glacial aquifer, the Prairie du Chien–Jordan aquifer, and the Tunnel City–Wonewoc (formerly known as the Franconia–Ironton–Galesville, or FIG) aquifer. The Glacial and Prairie du Chien–Jordan aquifers are hydraulically connected near BRI, so they can be considered a single aquifer unit for the purposes of evaluating the effect of BRI's proposed well.

Depths and thicknesses of the glacial sediment and bedrock units composing these aquifers are shown on the diagram on the next page.

Glacial aquifer: The Glacial aquifer is the uppermost aquifer beneath the BRI property. The BRI property is situated on the southern flank of an extensive buried bedrock valley that is aligned roughly east-west. The Glacial aquifer is composed of sediments that were deposited over the bedrock surface and accumulated in thick sequences of extensive outwash sands and discontinuous fine-grained tills and clays in the bedrock valley. As shown on the diagram, the top of bedrock elevation decreases and the total thickness of the glacial sediments increases from south to north.

Prairie du Chien–Jordan aquifer: The Prairie du Chien–Jordan aquifer is composed of the Prairie du Chien Group limestone and the Jordan Sandstone. The aquifer is discontinuous in the vicinity of the BRI property due to erosion from the buried bedrock valley before the glacial sediments were deposited. The St. Lawrence Formation is a fine-grained bedrock unit directly beneath the Jordan Sandstone that significantly limits hydraulic connection between the Prairie du Chien–Jordan aquifer and the deeper Tunnel City–Wonewoc aquifer.

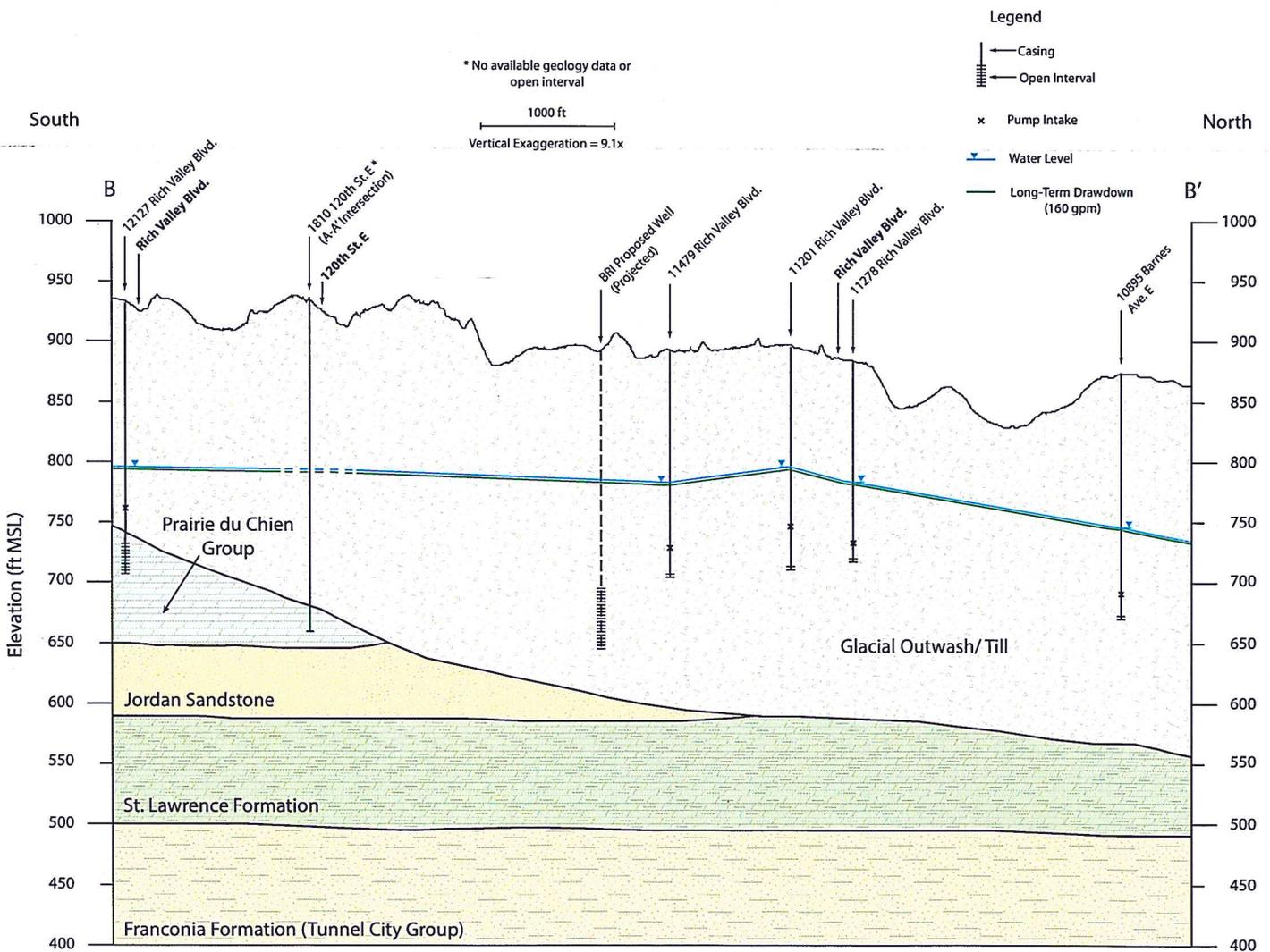
Tunnel City–Wonewoc aquifer: The Tunnel City–Wonewoc aquifer is the deepest aquifer considered in this evaluation. Due to its relative depth and the productivity of the overlying aquifers, the Tunnel City–Wonewoc aquifer has not been developed as a source of domestic water near the BRI property.

Q: Where are these aquifers recharged?

Strictly speaking, all of the aquifers are recharged over the entire Scott–Dakota County area by infiltrating precipitation. Infiltrating precipitation reaches the Glacial Outwash/Till aquifer and begins to flow toward the major rivers (Minnesota and Mississippi). Some of the Glacial Outwash/Till water leaks downward into the shallow bedrock aquifers, which leak into the deeper bedrock aquifers; it is basically all one connected system.

At any given location, the water that is pumped from a well comes from a combination of infiltrated precipitation that fell in the vicinity of the well or from farther away in the County or in adjacent counties. Only a very small portion of the water pumped by a well is locally derived (this is true for Glacial Outwash/Till aquifers, as well as bedrock aquifers).

The image below shows the aquifers near the proposed BRI wash water well in Inver Grove Heights. Descriptions of the Glacial aquifer, the Prairie du Chien–Jordan aquifer, and the Tunnel City–Wonewoc aquifer appear on page 3.



area residential well information

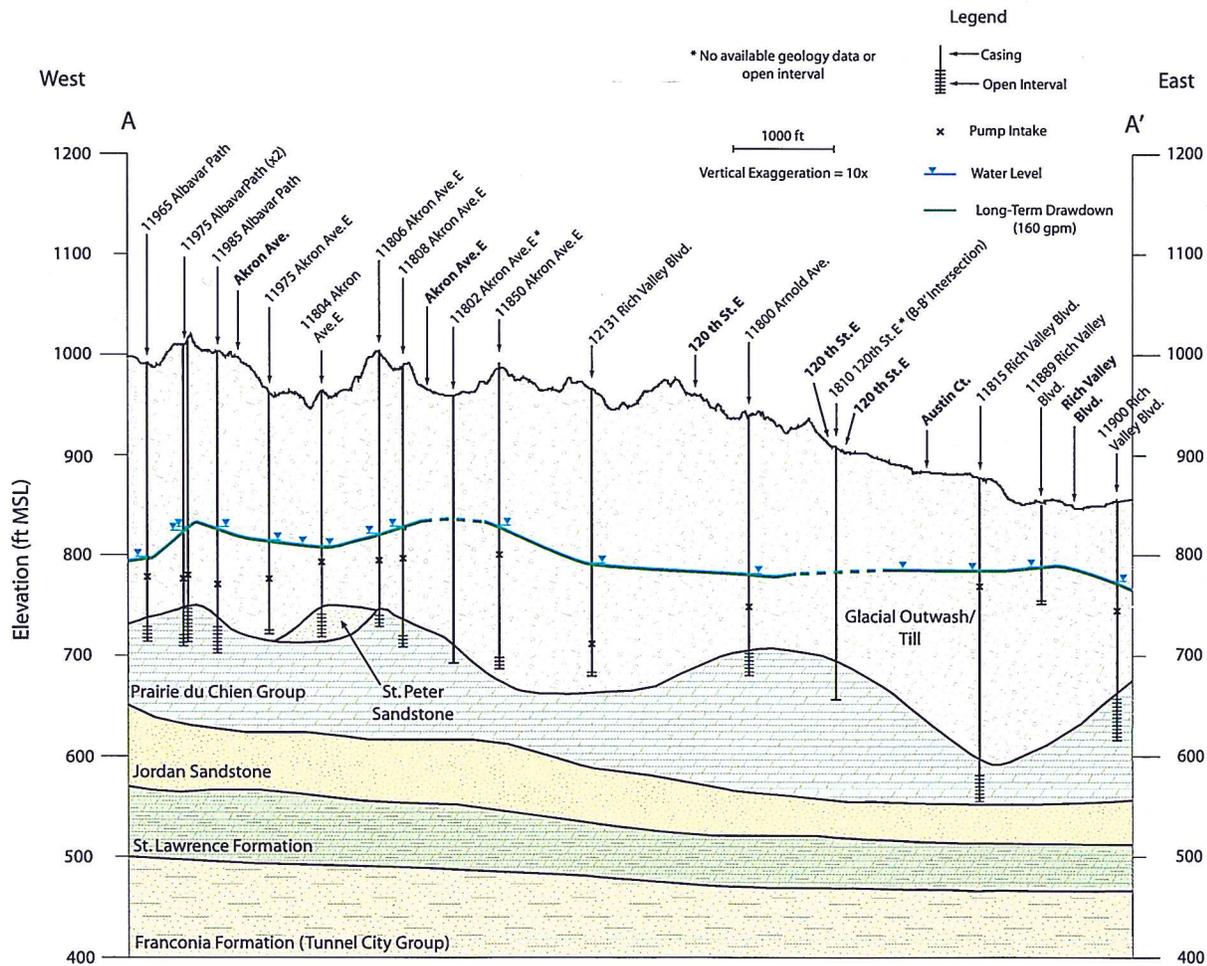
How deep are residential wells near BRI?

Residential wells in the area are primarily completed in either the Glacial aquifer or in the upper portion of the Prairie du Chien–Jordan aquifer. As shown in the diagram below, approximate residential well depths range from 100 to 320 feet deep.

Where can I find information on the depth of my well?

When a well is drilled, well construction information is

filed with the Minnesota Department of Health's Well Management Unit. This has been a requirement since the mid-1970s. The Minnesota Geological Survey, in conjunction with the Department of Health, has developed a database of well logs in the State called the "County Well Index," or CWI. An electronic copy of the well log can be obtained by entering the well owner's address at <http://mdh-agua.health.state.mn.us/cwi/cwiViewer.htm>.



Most well logs will report the following information: well coordinates; date the well was drilled; total depth of the well; depth of the well casing; length of drop pipe (the pipe from the ground surface to the submersible pump); approximate ground-surface elevation; and static water level in the well at the time it was drilled. Many well logs also report interpreted geologic units encountered during drilling and the water level measured under pumping conditions. The length of drop pipe is typically a good indication of the depth of the pump intake setting, which is usually one or two feet below the bottom of the drop pipe.

Q: Why can't I find my well log in the County Well Index or Dakota County's WELMAN database?

Unfortunately, not every well has a record in the CWI or the WELMAN database. Older wells in particular (drilled before the development of the CWI in the mid-1970s) may never have had records submitted to the Minnesota Department of Health on well construction. Inconsistent reporting requirements for older wells also have resulted in uncertain or incorrect well locations.

Occasionally, logs from wells drilled after the mid-1970s are not found in the CWI database or are recorded in the database at a location far from the actual drilling location. There could be several reasons for this, including:

- The address was not provided correctly on the well log form submitted by the driller
- The driller did not submit the well log form to the Minnesota Department of Health
- The address of the residence changed due to street renaming, etc.
- The well log was lost or misplaced by the State
- The well location was not recorded correctly on the driller's log or was not entered correctly into the database

Q: How long do wells typically last?

A residential well typically lasts for 20 years or more. Wells have a finite life. Well screens and steel well casings corrode over time and it becomes more difficult for water to enter the well. The sediment around the well screen can also become cemented and clogged. As these conditions begin to occur, a well owner typically will not notice any problems, but the conditions cause the water in the well to draw down more in order to pump the same amount of water. Eventually, the drawdown pumping reaches the pump intake and well yield drops. A licensed

well driller can often remedy the problem by lowering the pump intake and "redeveloping" the well by jetting and/or acid treatments. For older wells, however, these treatments become less and less effective.

Q: I found out that my pump intake is only a few feet below groundwater levels. Should I be worried?

Yes, this may be cause for concern. The deeper a pump is in the well, the less likelihood there will be disruptions in well yield caused by seasonal variations in groundwater levels and reduced well efficiency over time. If the pump intake is only a few feet below the static water level, there is a greater potential for yield disruptions. In general, pump intakes should be set as deep as possible. If the intake in a well is not very deep, additional drop pipe can be added by a licensed well driller to lower the intake.

Q: The static water level reported in my well log is 20 years old. How can I be sure that is representative of current conditions?

Based on groundwater levels monitored at the Pine Bend Landfill, the static water level reported in a well log (based on the level at the time the well was drilled) should be within 5 to 7 feet of current conditions (this is the amount of fluctuation in groundwater levels found for the period 1984–2011).

Q: How are water levels measured in private wells?

There are two main methods: chalked steel measuring tape and electric sounding probes. With either method, a thin tape or electronic probe is lowered into the well and the depth to water is measured. It is important that this measurement be taken with the pump not running (and several hours after pumping has stopped) so that the water level in the well is representative of the water level in the aquifer.

For most wells, the measurement is taken through an access port in the well cap. Nearly all domestic wells have something called a "pitless adapter" that is about eight feet below grade in the well and is the means through which water from the well is routed into the underground pipe that takes it to the house. In some wells, the pitless adapter obstructs the well to the extent that the well tape or probe cannot be lowered below it. For these wells, a licensed well driller must come out and lift the pump drop pipe and pitless adapter assembly a few feet in order to get the measuring tape or probe down into the well. The act of lifting up the adapter assembly can jar loose iron and sediment in the well, resulting in a short period of



reddish water that could stain clothes or porcelain fixtures. This problem can be avoided by running the water from an outside spigot for a period of time before using the water in the house. Even so, there is some risk that the loosened iron will cause some staining. Well owners are advised against attempting to measure the water level in their well by themselves because of potential hazards from electrical supplies and the possibility of getting any measuring device caught inside the well.

Q: If my well dries out in the future, how will I know if the proposed BRI well was the reason, and how will it be remedied?

It is the responsibility of the Minnesota Department of Natural Resources (DNR) to immediately investigate issues of suspected well interference. The first thing the DNR would do is shut down any pumping of the BRI well. Then the agency would measure water levels in nearby wells to see if there continued to be an issue. The DNR would then require an investigation of the pumping of the well (which would likely involve various tests to see if the pumping was affecting water levels) in order to determine the problem. Because potable domestic water use takes precedence over all other water uses, the well would not be allowed to be used until it could be demonstrated that it no longer interfered with other higher-priority water uses.

Q: What has BRI agreed to do to protect nearby residential wells?

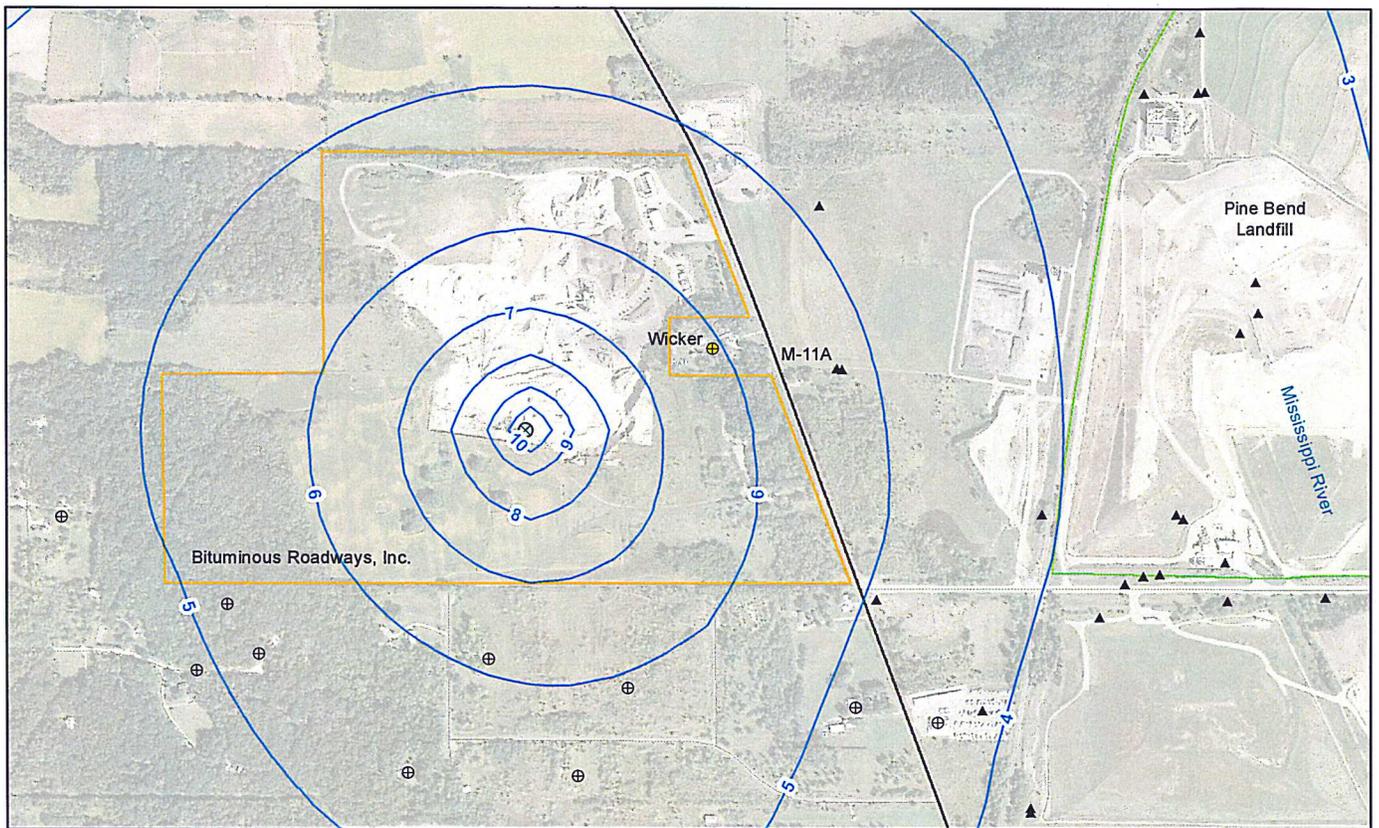
BRI has voluntarily prepared a Residential Well Protocol—an agreement between BRI and individual residential well owners. The Residential Well Protocol includes measures to protect residents from potential negative effects of BRI's proposed well. A copy of the Residential Well Protocol is available from the City of Inver Grove Heights.

BRI's proposed wash water well

Q: How deep will BRI's proposed well be, and what is the predicted water-table drawdown?

BRI has indicated that they intend to install their well to an elevation between 650 and 675 feet, near the base of the Glacial Outwash/Till aquifer. Pumping at the proposed maximum rate of 450 gallons per minute (gpm)

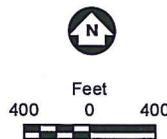
for the two to three days required to fill the wash water ponds results in a predicted lowering (drawdown) of the water table by approximately 11 feet at the proposed BRI well site. As shown in the figure below, the drawdown depth decreases as the distance from the well increases.



Legend

- Drawdown (ft)
- BRI Property Line (Approx)
- Proposed BRI Well (Approx)
- Pine Bend Landfill Boundary
- Residential Well (Approx)
- Residential Well (CWI)
- Pine Bend Landfill Monitoring Well

Imagery: 2010 FSA



**SIMULATED WATER-TABLE DRAWDOWN:
POND-FILLING PUMPING SCENARIO (450 GPM)**
Evaluation of Proposed Pumping
at Bituminous Roadways, Inc.
City of Inver Grove Heights, MN

Q: How many commercial wells are there within a six-mile radius of the BRI site?

According to the MDH, there are 15 commercial wells within a six-mile radius of BRI. Therefore, BRI's request for a commercial well is not out of the ordinary.

Q: Does the depth of the proposed BRI well matter?

The depth of the well matters to the extent that the depth determines which aquifer unit it will draw water from. Higher-capacity wells, such as the well proposed by BRI, have nearly the same pumping effect, no matter where in a particular aquifer the well is screened. For example, whether the well is screened in the upper or the lower part of the Glacial Outwash/Till aquifer, the effects of pumping will be nearly identical.

Q: If the proposed BRI well is screened in the Prairie du Chien Group (limestone) or the Jordan Sandstone, will the effects from pumping be different than if the well was screened in the Glacial Outwash/Till aquifer?

The effects of pumping from the proposed BRI well will be nearly identical regardless of whether it is screened in Glacial Outwash/Till aquifer, Prairie du Chien, or Jordan Sandstone. The reason is that in this part of Dakota County, the Glacial Outwash/Till aquifer is well-connected to the Prairie du Chien Group and the Jordan Sandstone (which collectively is called the Prairie du Chien-Jordan aquifer).

From a pumping-effects standpoint, the three units (Glacial Outwash/Till, Prairie du Chien Group, and Jordan Sandstone) behave like a single aquifer. In some areas of this part of Dakota County, there is lower-permeability clay on top of the bedrock, but these clay layers are discontinuous and do not provide significant separation between the sand-and-gravel and the underlying bedrock.

Q: If the proposed BRI well were screened in the deeper bedrock units (deeper than the Jordan Sandstone), would the effects on the groundwater levels for wells be lessened?

Immediately below the Jordan Sandstone is the St. Lawrence Formation, which is regionally not considered an aquifer but in some locations can yield usable quantities of water (mostly for residential wells). Below the

St. Lawrence Formation is a combined aquifer made up of the Tunnel City Group and the Wonewoc Sandstone (these units formerly were referred to as the Franconia-Ironton-Galesville or "FIG" aquifer).

The Tunnel City-Wonewoc aquifer could be a source of water for BRI. In some locations in the Twin Cities area, these units yield considerable quantities of water to wells, but in other areas they have been poor producers. Where there are high yields, the units generally are the first bedrock units (i.e., glacial deposits directly overlie them, and the Prairie du Chien, Jordan, and St. Lawrence units are missing). The Minnesota Geological Survey has studied this occurrence and found that higher yields were the result of increased vertical fractures in the Tunnel City and Wonewoc that result both in higher permeability but also in more leakage from the overlying glacial deposits. Wells in these locations had higher yields but also caused more drawdown effects in the Glacial Outwash/Till aquifer.

Based on the information that is available for the Inver Grove Heights area, the best prediction is that the BRI well completed in the Tunnel City-Wonewoc aquifer, pumping at the long-term average rate of 160 gpm, would cause about 1 foot of drawdown in the Glacial Outwash/Till aquifer in the vicinity of the property. This amount of drawdown would not change the direction of groundwater flow and would not increase the potential for pull-in contamination from the Pine Bend Landfill westward.

Q: Will the proposed BRI well pull contaminated water from the Pine Bend Landfill or the Flint Hills Refinery?

No. Because the groundwater flows from west to east-northeast in the area and because the BRI well will not be pumping at a rate anywhere close to what would be needed to reverse the groundwater flow direction, groundwater (with or without contaminants) from under either Pine Bend Landfill or Flint Hills Refinery will not flow to the west. This was verified by groundwater flow modeling. There are monitoring wells between Pine Bend Landfill and BRI that are sampled and monitored on a quarterly basis by Pine Bend Landfill (with results reported to the Minnesota Pollution Control Agency and City of Inver Grove Heights) that will continue to be used to verify that groundwater flow directions and water quality in the groundwater are not being affected.



Q: Several years ago, petroleum products from Flint Hills Refinery flowed very rapidly toward Spring Lake and a remediation system continues to be operated at Spring Lake to mitigate this contamination. How can we be sure that the proposed BRI well won't pull contamination from Flint Hills Refinery toward BRI?

Petroleum is lighter than water and floats on top of the water table. During a lower water level condition in 1998 at Flint Hills, the petroleum entered a fracture in the limestone bedrock of the Prairie du Chien Group (the water table was only a few feet above bedrock on the east side of the refinery). Once in this fracture, the petroleum migrated quickly in the direction of regional groundwater flow (west to east) toward Spring Lake. The BRI well could not pull contaminants from Flint occur in the area of the BRI site because (1) the water table is much higher (40-80 feet) above the bedrock west of the refinery and (2) groundwater flow is to the east, in the opposite direction.

governmental review and permitting

Q: Who permits private wells?

Private wells are permitted by the Minnesota Department of Health, which oversees the licensing of well drillers. The permit ensures that the wells are constructed in accordance with the State Well Code. In Dakota County, the Minnesota Department of Health has assigned the County with this permitting responsibility and oversight. The DNR does not have any permitting authority over private domestic wells that pump less than 10,000 gallons per day or 1-million gallons per year.

Q: Who permits commercial wells, such as the one proposed by BRI?

The physical construction of the well requires a permit from the Minnesota Department of Health. This permit is obtained by the licensed well driller. If the well will pump more than 10,000 gallons per day or 1-million gallons per year, as in the case of the proposed BRI well, a Water Appropriations Permit must be obtained from the Minnesota DNR before the well can be used.

Q: Does BRI need to get a permit from the City in order to install or use the proposed well?

No. BRI must obtain an amendment to their Conditional Use Permit (CUP) for proposed changes to operations at the site. The use of a new well is one of those changes. As part of the evaluation of the CUP amendment application, the City has contracted Barr Engineering Company to perform a review of the well and the possible effects of the well. However, the City does not have the authority to deny construction and use of the well – that authority lies solely with the DNR. The City, however, is consulting with the DNR on the process.

Q: What is involved in the DNR's water-appropriations permit application for the proposed well?

BRI must apply to the DNR for a water appropriations permit before using the well. The permit cannot be

issued until the well is constructed and ready for use. BRI can consult with the DNR prior to constructing the well to obtain guidance on whether or not the proposed well will be acceptable but the DNR cannot deny or issue a permit at that point. Once the well is constructed, BRI (or any other applicant) submits a permit application, indicating their request for annual volume of water pumped and maximum instantaneous pumping rate. The DNR typically requires the applicant to perform a controlled pumping test of several days duration in which the well is pumped at the proposed maximum rate and water levels are measured in nearby domestic and monitoring wells to directly observe how the well may affect nearby well owners. This pumping test may also be accompanied by groundwater flow modeling studies. If these evaluations indicate that there will be adverse effects to existing wells, the DNR will require that the proposed pumping rate be reduced or that the applicant fix the problems with the wells (no matter how old they are or in what condition they may already be in). These remedies could include lowering the pump intake or constructing a new well for the owner. The DNR will not issue a Water Appropriations Permit to the applicant until the applicant can demonstrate that use of the well will not adversely affect existing users.

Q: Are there public hearings and public comment periods associated with the application for a water appropriations permit?

There are no requirements for public hearings or comment on water appropriations permits. However, many permit applications are part of a larger environmental review process that does include public input. Because the proposed well is a part of BRI's request to the City for an amendment to the IUP, public participation on the well evaluation is taking place. In the event that the DNR reviews a permit application, there are not provisions in law for public review and comment of the permit application.

Q: After installation, would the DNR likely issue a permit for the BRI well?

Yes. After well construction, the DNR will regulate how much water can be pumped from the well through an appropriations permit. The DNR must allow reasonable use of groundwater, and therefore nearly always issues an appropriations permit for a new well, but cannot issue a permit if the new BRI well interferes with any existing well. Although it's unlikely, the DNR could issue a temporary permit or reduced-use permit.

As part of the process for the proposed BRI well, the DNR will require at least a seven-day pumping test at 450 gpm. During the pump test, the water level in some representative area residential wells will be measured. If any interference with existing wells is observed during the test, BRI will be required to provide a remedy by either making improvements to the affected well(s) or reducing the pumping rate of its new well.

Q: What are the roles of Dakota County and the Minnesota Department of Health?

Dakota County will review the proposed BRI well prior to construction to determine if its design meets the Minnesota Department of Health Well Code. Because the Department of Health has delegated its authority for review and permitting of well construction, it will have no direct involvement in reviewing the BRI well.

Q: What is the role of the City of Inver Grove Heights?

As indicated above, the City of Inver Grove Heights issues a CUP for the BRI sand and gravel operation on a five-year basis, but would not directly regulate the construction or use of the proposed BRI well.

P L A N N I N G R E P O R T
C I T Y O F I N V E R G R O V E H E I G H T S

REPORT DATE: August 1, 2012

CASE NO: 12-17CZA

APPLICANT: Bituminous Roadways

PROPERTY OWNER: Bituminous Roadways

REQUEST: Sand and Gravel Zoning District designation five (5) year renewal

LOCATION: 112th Street and Rich Valley Boulevard

HEARING DATE:
Planning Commission 8/9/12
Environmental Commission: 7/26/12

COMPREHENSIVE PLAN: IOS, Industrial
Open Space

ZONING: A, Agricultural

REVIEWING DIVISIONS: Planning
Engineering
Barr Engineering

PREPARED BY: Allan Hunting
City Planner

BACKGROUND

Bituminous Roadways, Inc. has submitted an application for an extension of their five year Sand and Gravel Overlay Zoning District designation for their approximately 200 acre site. The operations at the existing site include the mining and removal, crushing, screening, washing and stockpiling of aggregate for the asphalt plant, and the recycling and stockpiling of concrete and rock products. The main processing activities will include, crushing, screening and washing. Over the life of the facility, mining is proposed to occur on approximately 141 acres of the site and the remaining 60 acres is designated as a buffer area.

Approvals of any Sand and Gravel Overlay Districts require renewal every five years. The current Sand and Gravel approval was granted on July 23, 2007 and expires on July 23, 2012. The site also operates under a Conditional Use Permit to allow for the asphalt plant, processing of sand and gravel and a contractor's yard with open storage. The conditional use permit does not require renewals.

The applicant has submitted a narrative describing the operation and has provided maps showing existing conditions and a final development plan for the gravel pit. The applicant is not proposing any changes to the operation of the site or the location of any equipment or buildings. Bituminous Roadways is requesting to add a single on-site groundwater well to supply makeup water for the wash plant operation.

Staff has submitted the plans to Barr Engineering for their review and asked them to respond to specific conditions of approval relating to the request for the additional well. Barr's report is attached to the staff report.

EVALUATION OF THE REQUEST

The site is surrounded by the following uses:

North – Vacant land; zoned A; guided IOS

East - Open space, west 100 acres/agricultural; zoned A and I-1; guided Limited Industrial

West – Open space/agricultural; zoned A; guided RDR

South – Residential, Open space/agricultural; zoned A; guided IOS

History

The City granted the original Sand and Gravel zoning of the property on May 13, 1974 for a period of 15 years. On December, 26, 1979, the City approved a conditional use permit for the asphalt plant. This permit was initially granted for a period of five years but was extended by the City, at the owners request in 1984. On April 24, 1989, the City approved the next five year extension and a CUP for the asphalt plant and for a contractors yard for the painting contractor that also operates out of the site. The City Council again approved an extension on March 28, 1994 for both the Sand and Gravel Overlay and for the CUP extension.

The City Council approved a five year extension for the Sand and Gravel Overlay and CUP for sand and gravel processing, asphalt plant and contractor's yard in April 2001 at the existing 70 acre site.

In 2002, the City Council approved a 130 acre expansion of the sand and gravel operation. That expansion required that an EAW be prepared for the site. This was done and was reviewed by the Environmental Commission and was approved by the City Council with a negative declaration that an environmental impact statement was not needed. Since that time, the City has approved two additional 5-year permits. The current sand and gravel approval expires July 23, 2012.

ANALYSIS

Since no changes are being proposed for the operation, the analysis of this report consists of a review of each of the conditions of approval for both the Sand and Gravel Overlay and Conditional Use Permit. The existing condition will be listed followed by a response on the status of that condition.

A. Sand and Gravel Temporary Zoning District

1. The Temporary Sand and Gravel (S&G) Zoning shall remain in place on the property for a period of five (5) years to expire on July 23, 2012.

The application was submitted in time by the applicant to receive the new approval before July 23. Staff has had to extend the application process time in order to complete our review of the request. The item would be heard by the Council in August.

2. The operation of the sand and gravel operation approved herein shall comply with all provisions of Inver Grove Heights City Code, Section 515.19, Sand and Gravel Zoning District, except as specifically modified herein.

No issues found with this condition. Staff is not aware of any non-compliance with this condition.

3. The following plans, on file with the Planning Division, shall constitute the "approved plans" referenced therein:

Existing conditions dated 1/8/07

Phasing Plan dated 1/8/07

Final Land Use Plan dated 4/25/02

Reclamation Plan dated 1/8/07

Final Land Use Plan dated 4/26/02

Landscaping Plan - east property line dated 11/28/01

Landscape Plan - south property line dated 11/28/01

All aspects of the operation of the site shall comply with the approved plans.

The site has been operating in accordance with the approved plans since the expansion was approved in 2002. The current Comp Plan guides the area as IOP, Industrial Open Space.

This category was created to serve as a buffer between heavier industrial uses (land fill, gravel pit and refinery) and residential uses. Industrial uses that are currently operating within this area would be allowed to continue operating under existing permits without further restrictions. The final land use plan shows large lot residential with a public street extending from Rich Valley Boulevard. No sewer is expected on the west side of Rich Valley and therefore the lots would be served by their own well and septic system. No other issues existing with this condition.

4. The washing operation shall use only water obtained from storm water ponds and shall not use any ground water from wells unless this sand and gravel ordinance is amended.

The applicant is requesting a new well be allowed to supplement storm water collection for the washing part of the operation. Part of the process requires the aggregate to be washed

to remove the fine particles so it is clean to use in the asphalt mix. Bituminous Roadways has created some storm ponds on site to catch water that they use for the washing operation. In the last few years, there has not been enough rain to keep the storm ponds full for wash water. A new well is proposed so they may pump in the spring to fill three new storm ponds to utilize throughout the season. The city had Barr Engineering review the request to see what issues or concerns may arise with this request. Their report is attached.

There are two wells in the area that have the potential to be impacted by the new well. One is the Wicker well that is on the residential property surrounded by the gravel pit along Rich Valley Boulevard. The other is a monitoring well on Pine Bend Owned land on the east side of Rich Valley. Barr concluded the proposed pumping is predicted to have a negligible impact on the groundwater flow in the area. The spring pumping would have a draw down effect on the two wells. The setting of the pump on the Wicker property is sufficiently deep enough that the water draw would not be deep enough to impact this well.

The monitoring well could go dry for a short period of time (less than a day) before water is recharged in the area. Barr recommends that if a new well is allowed it should operate with the higher spring-time pumping rate rather than a slow draw during the summer. Barr does not find any negative impacts to any other wells or ground water impacts with this request. Based on this information, staff would support the request to allow a new well for wash water purposes. The new well would require a DNR appropriations permit.

5. The location of the asphalt plant shall remain in its existing position and shall not be relocated unless this sand and gravel ordinance is amended.

No changes proposed. No issues with this condition.

6. “Operation” as it relates to hours of operation, shall include, but is not limited to, all mining and grading operations, crushing and screening of rock, washing, the operation of the asphalt plant on the site, and movement of vehicles and equipment in and out of the site. Hours of operation on the site shall be limited to 7:00 a.m. to 7:00 p.m., Monday through Friday, 9:00 a.m. to 6:00 p.m. Saturday, except the asphalt plant may run 7:00 a.m. to 7:00 p.m., Saturday. The crushing of concrete and asphalt shall be regulated by condition #7.

The applicant is requesting some language be included which allows for some temporary expansion of night shift hours to address the bidding of a project that are done during evening hours. Night shift hours are required with certain jobs, including state highway work. The request would be to add a maximum of 30 total night shift hours per season to the asphalt plant operation schedule. Over the years, the applicant has requested additional night time hours and the Council has approved all those requests. Bituminous Roadways has always contacted the nearest neighbor to let them know of the night hours. They would continue this policy if the extended hours were approved. Staff, has always supported the requests to Council for any extended hours and supports this request. With the additional hours established by condition, the extra time and work is avoided through staff review and

council review of the requests. Staff would recommend that Bituminous provide the city with written notice prior to each event, including confirmation of contact with the nearest neighbor so a record can be kept to monitor total hours used each season.

7. Crushing of concrete on site shall be permitted provided the following conditions are met:
 1. All crushing operations shall be conducted in the current location in the existing site as of 6/4/02.
 2. The stockpile of concrete to be crushed and the stockpile of already crushed concrete shall not in the aggregate exceed a total of 50,000 cubic yards.
 3. The height of the stockpiles shall not exceed 25 feet.
 4. Crushing shall occur on not more than 12 weeks during the calendar year.
No crushing shall occur on Sunday; crushing shall only occur between the hours of 7:00 a.m. and 7:00 p.m. Monday – Friday and 9:00 a.m. to 6:00 p.m., Saturday.

No issues with this condition. To our knowledge, the site operates under these conditions. Staff has not received any complaints that the operator is working outside of the approved hours.

8. Bituminous Roadways may temporarily store Manufactured Organic Shingle Scrap (MOSS) in open storage areas provided the areas in the aggregate do not exceed one (1) acre in size and provided the location and storage configuration is approved by the Fire Marshal and Director of Community Development. MOSS storage areas may be relocated as operations on the site change subject to the approval of the Fire Marshal and the Director of Community Development. The City may impose reasonable conditions relating to dust control, fire prevention and size, height and configuration of the storage piles.

Bituminous Roadways does temporarily store MOSS on site in the area identified as shingle storage on the site plan. The stock pile is located in the same area as the previous approval (typically in the northern portion of the site). No issues with this condition.

9. The final disposal of MOSS on the site shall be prohibited.

Operational condition.

10. As part of the approval granted herein, the applicant may use used concrete and asphalt products as a part of the operation. Stockpiling area for these materials shall be as noted on the approved plans.

The proposed plans show the location of the product stockpiles. The stockpiles are generally located in the same location as previous approvals. No issues with this condition.

11. Bituminous Roadways shall prohibit all drivers of trucks from using Rich Valley Boulevard north of Cliff Road except in those instances where materials are being taken to a project located within the City's regulatory authority. Bituminous Roadways shall post an advisory to all drivers to the same effect at exits from the site.

No issues with this condition. To our Knowledge, the site operates under these conditions.

12. The site shall be kept clear, at all times, of windblown debris.

No issues with this condition. To our Knowledge, the site operates under these conditions.

13. The foundry sand in the southeast berm shall be left undisturbed.

The southeast foundry sand berm had been undisturbed and contained a vegetative cover. This condition has been satisfied.

14. Bituminous Roadways shall bring no additional foundry sand onto the site.

Operational condition. No additional foundry sand has been found on the site.

15. The berms which cover the foundry sand shall be maintained in vegetative cover to control erosion of the foundry sand.

This condition has been satisfied.

16. The stockpiled MOSS, shingle scrap, recycled asphalt, and concrete pavement will not be disposed at the site.

No issues with this condition. To our Knowledge, the site operates under these conditions.

17. Stock piles of recycled asphalt, MOSS, shingles, and concrete shall be limited in size to amount that will be used that year.

No issues with this condition. To our Knowledge, the site operates under these conditions.

18. Backfill material shall be either clean fill material that was stripped off the site or other clean fill material which is brought in from offsite.

Operational condition.

19. Spent bag house bags will be disposed of in a lined landfill permitted or approved to accept such materials.

Bituminous Roadways indicates the spent bags are disposed of at a landfill.

20. A restoration bond shall be in an amount to cover the costs of restoration of the site, as determined by the City Engineer, prior to City Council approval.

The City does have a restoration bond from Bituminous Roadways to cover the costs of restoration. The City Engineer indicates no changes are needed.

21. Bituminous Roadways shall obtain and maintain the necessary licenses and approvals from Dakota County and Minnesota Department of Natural Resources. Terms and conditions of the license and approval shall be hereby incorporated into this City approval.

Bituminous Roadways has provided the city with copies of all necessary permits from other agencies. The site is in compliance with this condition.

22. Bituminous Roadways shall obtain and maintain the necessary Minnesota Pollution Control Agency permits including two air quality permits and one industrial storm water permit. The terms and conditions of those permits shall be hereby incorporated into this City approval.

Bituminous Roadways has provided the city with copies of all of the required permits. No notices of violation have ever been issued by the MPCA. The site is in compliance with this condition.

23. All reports which are required to be submitted to Dakota County under the single Hazardous Waste Generators License and the one Processing License shall also be submitted to the City, including the required annual and quarterly reports.

Barr Engineering reviewed this condition for compliance. Barr found out from Dakota County that as of 2003, the facility was no longer a hazardous waste generator and no reports were required. Condition wording to be modified with this renewal.

24. All reports which are required to be submitted to the Minnesota Pollution Control Agency shall also be submitted to the City, including annual emissions inventory report, semi-annual deviations report, annual compliance certification report, and annual report.

Bituminous Roadways has provided to the city copies of their reports submitted to the MPCA. The site is in compliance with this condition.

25. Monitoring shall be conducted at the single ground water well that consists of arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, zinc, DRO, GRO, phenol, pH, electric conductivity and alkalinity. The monitoring should occur with half the wells every other year. Parameters and protocols shall be as agreed to by Dakota County, the City and Bituminous Roadways.

Staff has received copies of the well tests. According to the project narrative, the sample concentrations show the levels below limits.

26. Monitoring of the storm water ponds used for the washing operation shall be conducted every other year and shall be tested for the same elements as listed in condition #25.

Monitoring information on the storm water ponds was not yet available at the time this report was written. Response will be provided at the meeting.

27. All buildings shall be removed from the site within three (3) months of the closure of the facility.

Operational Condition.

28. Bituminous Roadways shall enter into a Host Community Agreement with the City of Inver Grove Heights including the payment of host community fees, within three (3) months of the State Legislature providing the City with the Authority to enter into such an agreement.

The Legislature has not approved any regulations providing cities the authority to collect host community fees for sand and gravel extraction. This condition should remain for future action.

29. Restoration shall be conducted in phases at the site. As portions of the mining area are completed, the areas will be backfilled, graded, topsoil applied and vegetation established.

Operational condition. Engineering would review the backfilling operation to make sure the work is in compliance with the approved plans.

B. Conditional Use Permit

1. Resolutions No. 02-107 and the conditions therein shall become null and void.

Condition would be modified to reflect the latest Resolution number.

2. All terms and conditions of the approval of the temporary Sand and Gravel Zoning District for the property shall apply to all the operations on the site specifically stated herein, except where said terms and conditions may be modified by the conditions below, then the conditions of this permit shall prevail.

Conditions and terms were discussed above.

3. Approval of this conditional use permit shall be valid for the duration of the Temporary Sand and Gravel Zoning or until such time that the sand and gravel operation on site shall cease to continue if such time frame is shorter. The sand and gravel operation and the approval granted herein shall terminate concurrently.

Operational condition.

4. Where violations of the conditions of this permit are noted, the City is authorized to immediately terminate all operations on the site and resumption of operation will not be permitted until such violation is rectified.

Operational condition. No violations have been noted.

5. The processing of the sand and gravel shall include, but not limited to; mining, crushing, screening, washing, sorting and blending into and stockpiling a variety of aggregates, and the recycling and stockpiling of concrete and rock products.

Operational condition. Clarifies what processing is allowed.

6. The contractor's yard shall be used in substantial conformance with the plan entitled "Existing Conditions" dated 1/8/07, on file with the Planning Division.

This condition reflects the Rainbow Painting Company that rents space in the metal building. The conditional use permit was for storage of vehicles associated with this use. No issues with this condition. To our knowledge, the site operates under these conditions.

7. The washing operation shall use only water obtained from storm water ponds and shall not use any ground water from wells.

The applicant is requesting to allow a new well for the washing operation. See the discussion in the Sand and Gravel review.

8. The location of the asphalt plant shall remain in its existing position and shall not be relocated.

No issues with this condition. The asphalt plant is in the same location.

9. All buildings shall be removed from the site within three (3) months of the closure of the facility.

Operational condition.

10. The area on the site plan identified as woods on the west side that is not being excavated shall be preserved and no cutting of trees shall occur as a result of the mining operation. A restrictive covenant shall be placed over this portion of the site to insure its protection.

This condition has been completed and satisfied and should be removed with this renewal.

11. Storage of equipment and vehicles for Rainbow Painting shall be limited to the building designated "garage" on the approved site plan and the adjacent area located south of the metal building.

No issues with this condition. To our Knowledge, the site operates under these conditions. The area is identified on the existing conditions plan.

12. All plans submitted by the applicant shall be subject to the review and recommendations made by the City Engineer and Director of Public Works.

Engineering is still in the process of reviewing the plans. Engineering has reviewed and approved previous plan sets and since no changes are being proposed, no issues are expected.

13. Monitoring shall be conducted at the single ground water well on the site known as the "Rainbow well" and on the Todd Wicker and Robert Plan property, that consists of arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, zinc, DRO, GRO, phenol, pH, electric conductivity and alkalinity. The monitoring shall occur at half the wells one year and the other half the next year. Parameters and protocols shall be as agreed to by Dakota County, the City and Bituminous Roadways.

Monitoring reports have been submitted for testing of the 3 wells. See condition #25 above.

Environmental Commission Review

The Environmental Commission reviewed the request on Thursday, July 26 and their primary line of questioning was centered on the impacts of the proposed new well for the wash water. Representatives from Barr Engineering were present at the meeting to give a summary of their review of the request and answered questions. All but one commission member felt the additional well would not have a negative impact to other wells in the area. The commission recommended approval of the request (7-1).

ALTERNATIVES

The Planning Commission has the following actions available on the proposed project:

A. **Approval:** If the proposed request is found to be acceptable, approval of the applicable following actions should be taken:

- o Approval of the **Temporary Sand and Gravel Zoning** Renewal for a period of five (5) years subject to the following conditions:
 1. The Temporary Sand and Gravel (S&G) Zoning shall remain in place on the property for a period of five (5) years to expire on (council approval date), 2017.
 2. The operation of the sand and gravel operation approved herein shall comply with all provisions of Inver Grove Heights City Code, Title 10-13G, Sand and Gravel Overlay District, except as specifically modified herein.
 3. The following plans, on file with the Planning Division, shall constitute the “approved plans” referenced therein:
 - Existing conditions dated 7/21/12
 - Phasing Plan dated 7/21/12
 - Final Land Use Plan dated 4/25/02
 - Reclamation Plan dated 7/21/12
 - Landscaping Plan – east property line dated 2012
 - Landscape Plan – south property line dated 2012All aspects of the operation of the site shall comply with the approved plans.
 4. The location of the asphalt plant shall remain in its existing position and shall not be relocated unless this sand and gravel ordinance is amended.
 5. “Operation” as it relates to hours of operation, shall include, but is not limited to, all mining and grading operations, washing, the operation of the asphalt plant on the site, and movement of vehicles and equipment in and out of the site. Hours of

operation on the site shall be limited to 7:00 a.m. to 7:00 p.m., Monday through Saturday, except for the crushing of concrete which shall be regulated by Condition #7. The asphalt plant shall be allowed to operate a maximum of 30 night shifts (7:00 p.m. to 7:00 a.m.) during the construction season each year. Bituminous Roadways shall provide the city with written notice prior to each event, including confirmation of contact with the nearest neighbor so a record can be kept to monitor total hours used each season.

6. Crushing of concrete on site shall be permitted provided the following conditions are met:
 1. All crushing operations shall be conducted in the current location in the existing site.
 2. The stockpile of concrete to be crushed and the stockpile of already crushed concrete shall not in the aggregate exceed a total of 50,000 cubic yards.
 3. The height of the stockpiles shall not exceed 25 feet.
 4. Crushing shall occur on not more than 12 weeks during the calendar year. No crushing shall occur on Sunday; crushing shall only occur between the hours of 7:00 a.m. and 7:00 p.m. Monday - Friday and 9:00 a.m. to 6:00 p.m., Saturday.
7. Bituminous Roadways may temporarily store Manufactured Organic Shingle Scrap (MOSS) in open storage areas provided the areas in the aggregate do not exceed one (1) acre in size and provided the location and storage configuration is approved by the Fire Marshal and Director of Community Development. MOSS storage areas may be relocated as operations on the site change subject to the approval of the Fire Marshal and the Director of Community Development. The City may impose reasonable conditions relating to dust control, fire prevention and size, height and configuration of the storage piles.
8. The final disposal of MOSS on the site shall be prohibited.
9. As part of the approval granted herein, the applicant may use used concrete and asphalt products as a part of the operation. Stockpiling area for these materials shall be as noted on the approved plans.
10. Bituminous Roadways shall prohibit all drivers of trucks from using Rich Valley Boulevard north of Cliff Road except in those instances where materials are being taken to a project located within the City's regulatory authority. Bituminous Roadways shall post an advisory to all drivers to the same effect at exits from the site.
11. The site shall be kept clear, at all times, of windblown debris.

12. The foundry sand in the southeast berm shall be left undisturbed.
13. Bituminous Roadways shall bring no additional foundry sand onto the site.
14. The berms which cover the foundry sand shall be maintained in vegetative cover to control erosion of the foundry sand.
15. The stockpiled MOSS, shingle scrap, recycled asphalt, and concrete pavement will not be disposed at the site.
16. Stock piles of recycled asphalt, MOSS, shingles, and concrete shall be limited in size to amount that will be used that year.
17. Backfill material shall be either clean fill material that was stripped off the site or other clean fill material which is brought in from offsite.
18. Spent bag house bags will be disposed of in a lined landfill permitted or approved to accept such materials.
19. A restoration bond shall be in an amount to cover the costs of restoration of the site, as determined by the City Engineer, prior to City Council approval.
20. Bituminous Roadways shall obtain and maintain the necessary licenses and approvals from Dakota County and Minnesota Department of Natural Resources. Terms and conditions of the license and approval shall be hereby incorporated into this City approval.
21. Bituminous Roadways shall obtain and maintain the necessary Minnesota Pollution Control Agency permits including two air quality permits and one industrial storm water permit. The terms and conditions of those permits shall be hereby incorporated into this City approval.
22. All reports which are required to be submitted to Dakota County under a Hazardous Waste Generators License and a Processing License shall also be submitted to the City, including the required annual and quarterly reports.
23. All reports which are required to be submitted to the Minnesota Pollution Control Agency shall also be submitted to the City, including annual emissions inventory report, semi-annual deviations report, annual compliance certification report, and annual report.

24. Monitoring shall be conducted at the single water well that consists of arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, zinc, DRO, GRO, phenol, pH, electric conductivity and alkalinity. The monitoring shall occur with half the wells every other year. Parameters and protocols shall be as agreed to by Dakota County, the City and Bituminous Roadways.
 25. Monitoring of the storm water ponds used for the washing operation shall be conducted every other year and shall be tested for the same elements as listed in condition #24.
 26. All buildings shall be removed from the site within three (3) months of the closure of the facility.
 27. Bituminous Roadways shall enter into a Host Community Agreement with the City of Inver Grove Heights including the payment of host community fees, within three (3) months of the State Legislature providing the City with the Authority to enter into such an agreement.
 28. Restoration shall be conducted in phases at the site. As portions of the mining area are completed, the areas will be backfilled, graded, topsoil applied and vegetation established.
 29. A new ground water well shall be allowed for the use of washing aggregate. The well pump shall operate with the higher spring time short term pumping rate (450 gpm for 2-3 days) to fill the wash plant sedimentation ponds shown on the approved plans. The applicant shall receive a water appropriations permit from the DNR for the new well before it is put into service.
- o Approval of the Conditional Use Permit Amendment for the processing of sand and gravel, an asphalt plant and contractor's yard with open storage subject to the following conditions:
1. Resolutions No. 07-122 and the conditions therein shall become null and void.
 2. All terms and conditions of the approval of the temporary Sand and Gravel Zoning District for the property shall apply to all the operations on the site specifically stated herein, except where said terms and conditions may be modified by the conditions below, then the conditions of this permit shall prevail.
 3. Approval of this conditional use permit shall be valid for the duration of the Temporary Sand and Gravel Zoning or until such time that the sand and gravel operation on site shall cease to continue if such time frame is shorter. The sand

and gravel operation and the approval granted herein shall terminate concurrently.

4. Where violations of the conditions of this permit are noted, the City is authorized to immediately terminate all operations on the site and resumption of operation will not be permitted until such violation is rectified.
5. The processing of the sand and gravel shall include, but not limited to; mining, crushing, screening, washing, sorting and blending into and stockpiling a variety of aggregates, and the recycling and stockpiling of concrete and rock products.
6. The contractor's yard shall be used in substantial conformance with the plan entitled "Existing Conditions" dated 1/8/07, on file with the Planning Division...
7. The location of the asphalt plant shall remain in its existing position and shall not be relocated.
8. All buildings shall be removed from the site within three (3) months of the closure of the facility.
9. Storage of equipment and vehicles for Rainbow Painting shall be limited to the building designated "garage" on the approved site plan and the adjacent area located south of the metal building.
10. All plans submitted by the applicant shall be subject to the review and recommendations made by the City Engineer and Director of Public Works.
11. Monitoring shall be conducted every other year at the single ground water well on site known as the "Rainbow well" and on the Todd Wicker and Robert Plan property, that consists of arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, zinc, DRO, GRO, phenol, pH, electric conductivity and alkalinity. The monitoring shall occur at half the wells one year and the other half the next year. Parameters and protocols shall be as agreed to by Dakota County, the City and Bituminous Roadways.
12. The owner shall provide the City Engineering Division full access to the property for an annual storm water maintenance, erosion control, and sediment control inspections.
13. The operator is responsible for obtaining all required permits for the wash water well from the appropriate state and or county agencies and must meet all DNR requirements, obligations and protocols for a well appropriations permit, including responsibilities and protocols for any remedial actions and those

responsibilities and protocols for any compensation or damages from the loss of well use affected neighboring properties.

B. Denial: Should the proposed request, or portions thereof, not be found to be acceptable, the appropriate requests described above should be denied. The basis for denial must be stated in any such motion.

RECOMMENDATION

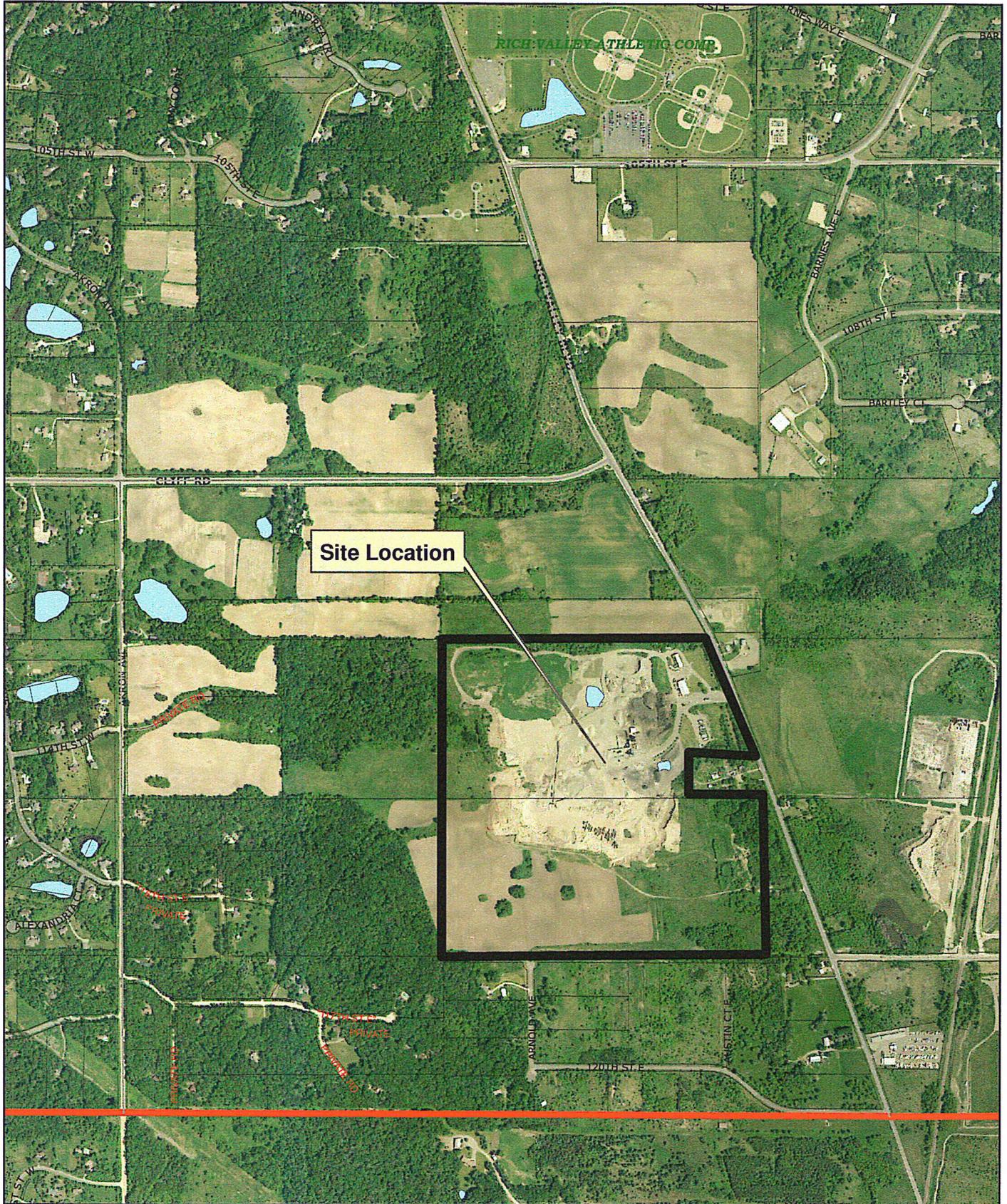
Staff and Barr Engineering do not find any issues with the five year renewal and conditional use permit amendment. Staff also concurs with Barr's analysis on the proposed well finds no issue with allowing the well. As such, Staff recommends **Alternative A**, approval of the request with the conditions listed.

Attachments: Site Location
Application Packet including Plans
Barr Engineering Report



Location Map

Case No. 12-17CZA



April 2012
Revised July 2, 2012

REPORT TO:

BITUMINOUS ROADWAYS, INC.

**APPLICATION FOR
REISSUANCE OF CONDITIONAL USE PERMIT 07-11C FOR
THE MINING AND PROCESSING OF SAND AND GRAVEL,
AN ASPHALT PLANT AND CONTRACTOR'S YARD WITH
OPEN STORAGE AND FIVE YEAR SAND AND GRAVEL
OVERLAY DISTRICT**

INVER GROVE HEIGHTS, MINNESOTA



Consulting Civil Engineers

Sunde Engineering, PLLC.

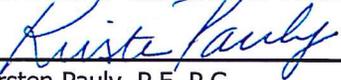
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INVER GROVE HEIGHTS, MINNESOTA

I HEREBY CERTIFY THAT THIS REPORT
WAS PREPARED BY ME OR UNDER MY
DIRECT SUPERVISION AND THAT I AM
A DULY LICENSED PROFESSIONAL
ENGINEER AND A DULY LICENSED
PROFESSIONAL GEOLOGIST UNDER
THE LAWS OF THE STATE OF MINNESOTA.



Kirsten Pauly, P.E. P.G.

DATE 7/2/12 REG. NO. 21842

SUBMITTED BY:

SUNDE ENGINEERING, PLLC
10830 Nesbitt Avenue South
Bloomington, MN 55437

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I. INTRODUCTION

Bituminous Roadways, Inc. (BRI) currently operates a sand and gravel mining facility located in the southern portion of Inver Grove Heights (Site). This application pertains to a five year permit renewal of the Conditional Use Permit associated with the facility.

The Site includes both the original mining operation and asphalt production plant which has been permitted since 1963 and the southern portion of the current mining operation which was originally permitted in 2002 after completion of an Environmental Assessment Worksheet (EAW). During the 2002 permitting process, both areas were combined into one permit to facilitate the five year permit review and renewal process.

The Site is operating in accordance with Conditional Use Permit 07-11C. Activities allowed under the permit include mining and processing, (crushing screening and washing) stockpiling, loading and hauling, reclamation, and operation of an asphalt plant and a contractors yard. In addition, the Site operates under a National Pollutant Discharge Elimination System (NPDES) Stormwater Permit and Air Emissions Permit issued by the Minnesota Pollution Control Agency (MPCA), a Minnesota Department of Natural Resources (DNR) Water Appropriations Permit, and a Dakota County Hazardous Waste Generators License and Processing License. Environmental Review was completed for this Site on April 8, 2002 in accordance with the Minnesota Environmental Quality Board Rules with the City of Inver Grove Heights as the Responsible Government Unit (RGU).

This report and accompanying plan set provides information regarding the mining operation.

II. SITE INFORMATION

1. General Site Information

The Site is located in a portion of Section 32, Township 27 North, Range 22 W, in the City of Inver Grove Heights in Dakota County. The Site is situated just west of County Road 71 (Rich Valley Boulevard). The general location of the Site is illustrated on Figure 1.

The entire property encompasses a total of approximately 201 acres. Over the entire life of the facility, mining is proposed to occur on approximately 141 acres of the Site and the remaining 60 acres is designated buffer area. Mining has been completed over the majority of the northern portion of the site and is progressing to the south. Reclamation activity has begun and will continue throughout the next five year permit term on the northern portion of the Site in areas where mining has been completed.

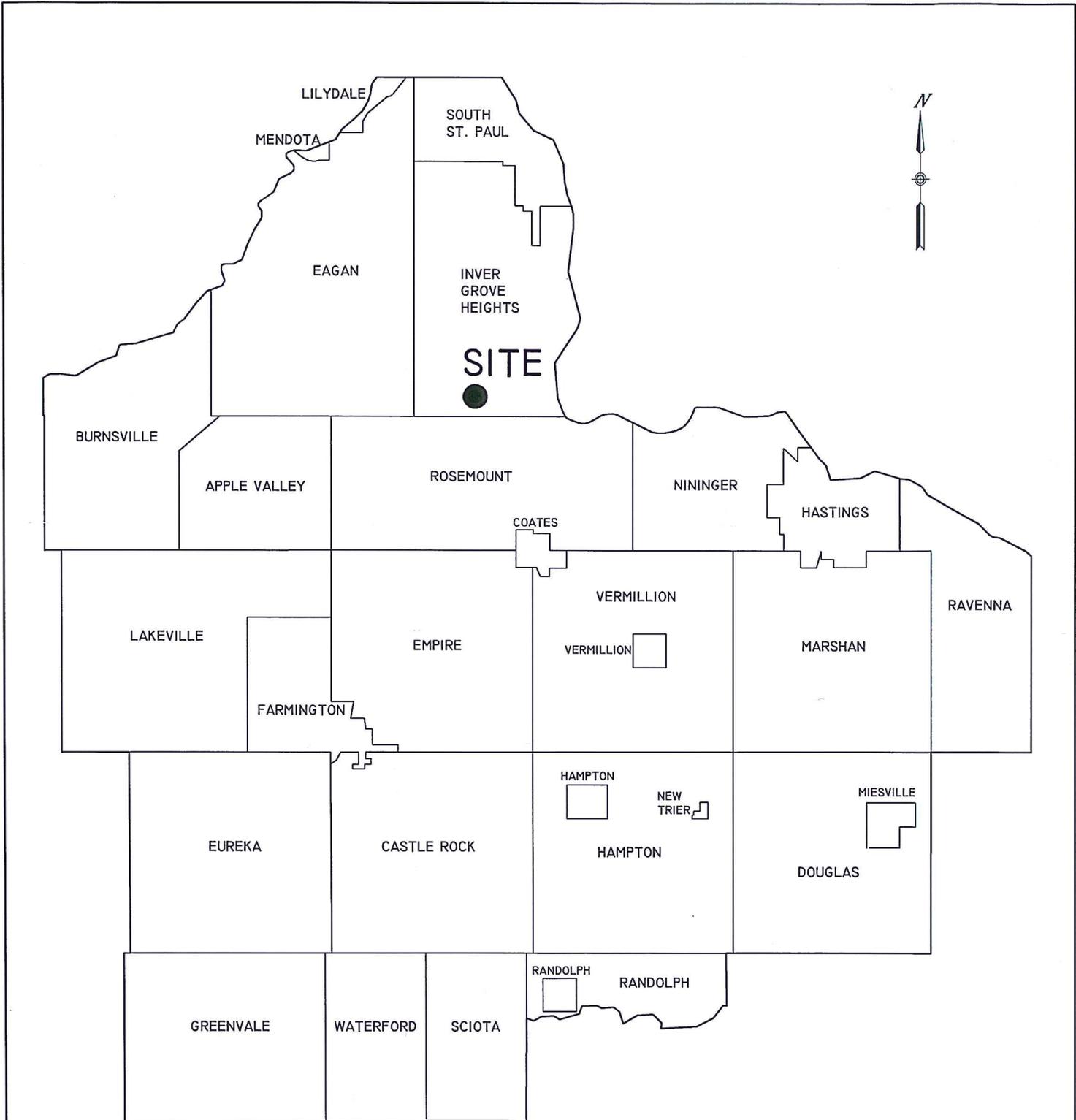


FIGURE 1
GENERAL LOCATION MAP

BITUMINOUS ROADWAYS INC.
INVER GROVE HEIGHTS GRAVEL PIT

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The majority of the current mining activity takes place in the southern portion of the Site. Portions of this area have been stripped in preparation for the progression of mining. A screening berm was constructed and seeded along the southwest corner of the Wicker property and along the southern property line during the fall of 2006. Inactive phases of the Site continue to be used for agricultural production and open space/wooded areas. A gas pipeline runs along a portion of the southern boundary of the Site and transects the western portion of the Site. The pipeline will not be disturbed as part of the mining operations.

Surrounding land uses include agricultural production to the north (under the control of Flint Hills Resources), rural residential to the south and west, and agricultural and industrial to the east and southeast. The Site with respect to adjacent features is indicated on Figure 2, USGS Quadrangle Map Excerpt.

Specific Site features are indicated on the Existing Conditions Plan, Sheet C-1 located in the back of this report.

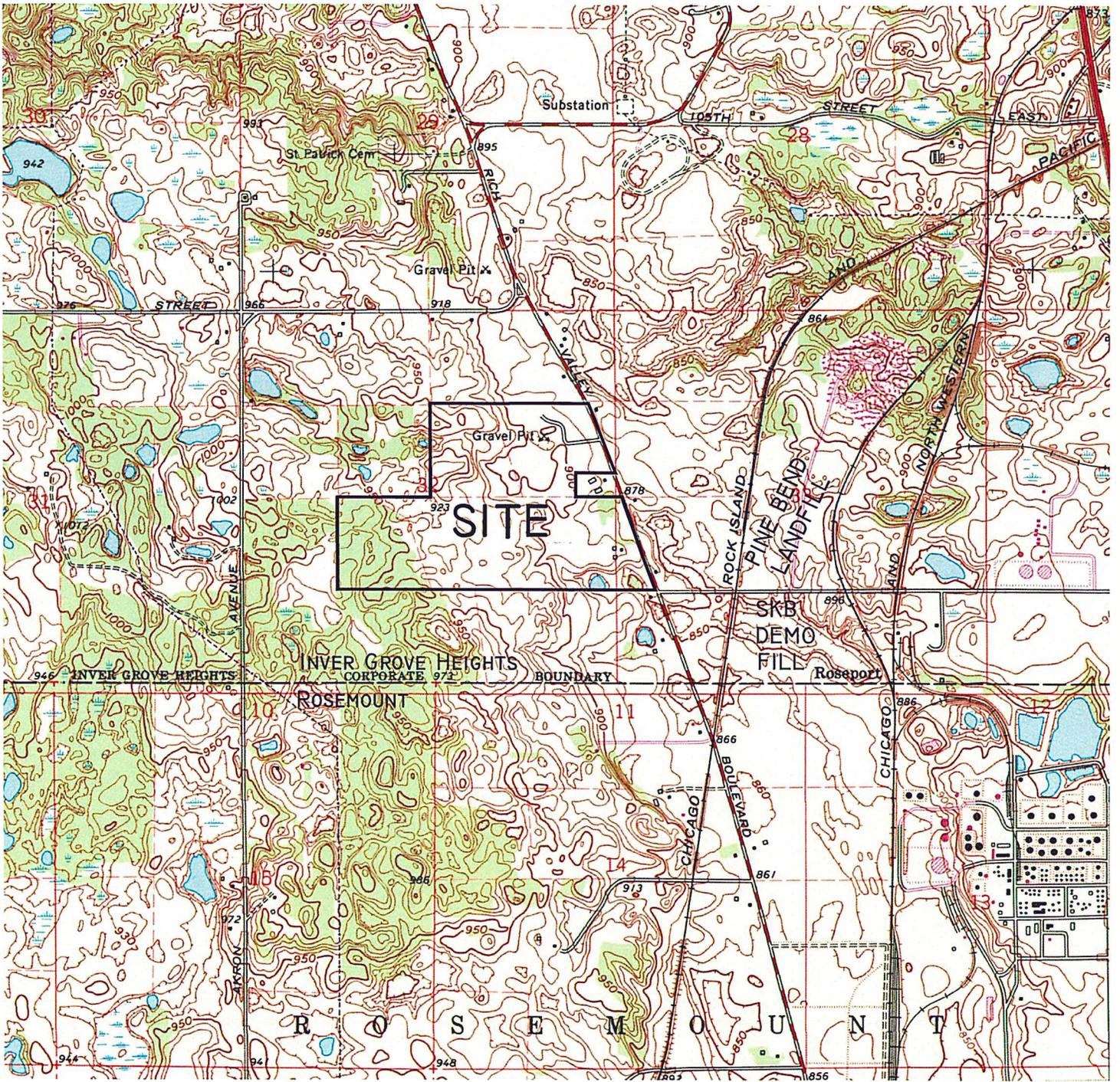
2. Site Ownership

The northern parcel is owned by:
Gerda Limited Partnership
c/o Debra Lacount
13907 Dublin Road
Apple Valley, MN 55124
(952) 322-2214

The southern parcel is owned by:
Bituminous Roadways, Inc.
1520 Commerce Drive
Mendota Heights, MN 55120
(651) 686-7001

3. Site Operator

The Site is operated by:
Bituminous Roadways, Inc.
1520 Commerce Drive
Mendota Heights, MN 55120

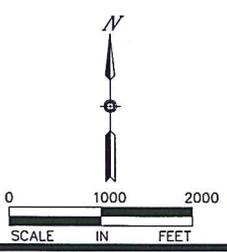


Source: USGS 7.5 MINUTE SERIES
 TOPOGRAPHIC QUADRANGLE 1967
 INVER GROVE HEIGHTS, MINNESOTA

FIGURE 2
USGS QUADRANGLE MAP EXCERPT

BITUMINOUS ROADWAYS INC.
INVER GROVE HEIGHTS GRAVEL PIT

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4. Legal Description

The legal description of the site is as follows:

That part of the S $\frac{1}{2}$ of the NE $\frac{1}{4}$ of Section 32, Township 27, Range 22, W, lying Westerly of Rich Valley Boulevard; except that part described as follows: Commencing at the SE corner of said S $\frac{1}{2}$ of the NE $\frac{1}{4}$; thence West along the South line thereof, a distance of 592.43 feet; thence North 344.9 feet; thence East 570 feet to the centerline of Rich Valley Boulevard; thence Southeasterly along said centerline, a distance of 67 feet to the East line of said S $\frac{1}{2}$ of the NE $\frac{1}{4}$; thence South 281.85 feet to the point of beginning. PID No. 20-03200-05-011.

And

The Northeast Quarter (NE $\frac{1}{4}$) of the Southwest Quarter (SW $\frac{1}{4}$) and the North One-Half (N $\frac{1}{2}$) of the Southeast Quarter (SE $\frac{1}{4}$), Section thirty-two (32), Township twenty-seven (27), Range twenty-two (22) AND All of that tract of land lying West of Highway Number Five (5) in the Northwest Quarter (NW $\frac{1}{4}$) of the Southwest Quarter (SW $\frac{1}{4}$), Section thirty-three (33), Township twenty-seven (27), Range twenty-two (22); subject to an easement to Minnesota Northern Natural Gas Company, as described in Deed recorded in Book 193 of Deeds, page 374. PID No. 20-03200-75-010, 20-03300-05-020, 20-03200-51-010.

5. Neighboring Properties

A property owner's list within 1000 feet of the Site is included in Appendix A.

III. OPERATIONS

1. Mineral Extraction

Site operations consist of stripping overburden from areas to be mined. The overburden is used to create screening berms along the perimeter of the property. The depth of overburden varies across the site from one to seven feet in thickness based on soil borings drilled over the project area. Overburden remains on Site and is later used during the reclamation process.

Aggregate is removed from the bank using a front end loader. Excavation will occur to a maximum depth of 840 feet above mean sea level (msl). Areas around the perimeter of the Site may be mined to 840 feet above msl and subsequently backfilled with on-site sand or clean soil fill to achieve the proposed reclamation grades.

Excavation will proceed in phases as illustrated on the Phasing Plan, Sheet C-2. Each phase is estimated to represent approximately five years worth of mining activity. The expected duration of mining is an additional twenty to twenty five years, although the actual life of the Site will depend upon market demand. Cross Section A-A', B-B' and C-C' Sheets C-3 through C-5 illustrate the sand and gravel deposit, maximum mining depth, reclamation grades, and existing grades.

2. Processing

Excavated material is screened and crushed at the active face and then transported to the northern portion of the Site for additional processing. The screening and crushing units are portable and move with the movement of the active face. Material is transported from the active face to the processing area using conveyors and/or off road haul trucks. Additional processing includes crushing, washing screening, sorting and blending into a variety of aggregate products. The majority of the material is used to produce hot mix asphalt at the on-site plant.

Recycling of concrete and asphalt occurs in the northern portion of the Site. The material is hauled to the Site and stockpiled. The concrete is periodically crushed and blended into specific aggregate products. The combined volume of concrete material to be crushed and the crushed concrete stockpile is not allowed to exceed 50,000 cubic yards. Asphalt is crushed and added directly into the asphalt plant to produce various hot mixes. Crushing associated with the recycling operation is restricted to no more than 12 weeks of operation during the calendar year and is subject to the same hours of operation of the remainder of the facility operations (item 4 below).

Manufactured organic shingle scrap (MOSS) are also recycled in the northern portion of the Site. These materials are put through a grinder and then added to the asphalt plant process.

A wash plant is operated periodically on the site. A wash plant is simply a structure that is composed of a series of screens and spray bars. As aggregate is passed through the plant it is sprayed with water to remove fine sand and silt from the aggregate. The washwater contains no chemicals or additives. After the washwater passes through the plant, it is discharged into a series of sedimentation ponds. The sedimentation ponds allow for the fine sediment to settle out of the washwater. Clarified washwater is recycled back to the wash plant from the final sedimentation pond for reuse.

Washwater has been obtained from an on-site pond in the past. The pond collects stormwater runoff from the adjacent area, but has not been able to provide a continual or reliable supply of water sufficient to operate the wash plant. BRI is planning to add a single

on-site groundwater well to supply makeup water to the system. The proposed new well will supply up to 450 gallons per minute (gpm) for approximately 1,584 hours per year or 42.8 million gallons per year. Initially water from the on-site well will be pumped into a series of sedimentation ponds to fill the ponds and then to supply makeup water as needed. These ponds will be used to supply water to the wash plant. After the washwater passes through the plant, it will be discharged into the sedimentation ponds. Water from the final sedimentation pond is recycled back to the wash plant for reuse.

The Site is located west of the Pine Bend Landfill, a known source of groundwater contamination. The Minnesota Pollution Control Agency (MPCA), including the MPCA's hydrogeologist assigned to the site, was contacted to review the proposed placement of the well. Past studies at the Landfill and continued monitoring of the facility have included the establishment of a designated special well construction area. The proposed well is located outside of this district and almost one mile from the current limits of the groundwater contamination plume. Figure 3, Proposed Well Location, illustrates the location of the landfill, the special well construction area, approximate groundwater plume limits and the proposed location of the Bituminous Roadways well.

The use of the well will be seasonal and limited to pumping no more than 12 hours a day, 5 days per week, and then only when needed to fill the ponds up at the start of the washing season and then to provide make up water, (to replace water lost to the product and through evaporation) during washing. The limited duration of pumping will allow the groundwater table to rebound during the 12 hours of no pumping each day. Averaging the water use over the course of the washing season (26 weeks) amounts to an effective withdrawal rate of 155 gpm which is unlikely to have any impact on the direction of groundwater flow within the impacted area of the landfill. The current water appropriations permit will be amended, prior to using well water. The appropriate permits will be applied for prior to installing the well and the appropriate construction procedures will be followed.

3. Fencing

Portions of the site adjacent to steep slopes are fenced with six foot high chain link fencing. Fencing is illustrated on the Existing Conditions Plan C-1.

4. Hours of Operation

The Site operates between the hours of 7 a.m. and 7 p.m. Monday through Friday and 9 a.m. and 6 p.m. Saturday, for all activities except the asphalt plant which may operate from 7 a.m. – 7 p.m. on Saturdays.

Bituminous Roadways would like to add a maximum of 30 total night shifts per season to the asphalt plant operation schedule. Night shifts are required with certain jobs, especially State Highway work. BRI currently operates periodic night shifts with prior verbal permission from the nearest resident, Todd Wicker, and the City. Mr. Wicker's house is approximately 600 feet from the plant's driveway and approximately 800 feet from the asphalt plant itself. The next nearest occupied residence is approximately 2,000 feet from the plant. In the past years of night shift operations, Bituminous Roadways has never received any noise or disruption complaints from neighbors. Bituminous Roadways will continue to verbally request permission from Mr. Wicker prior to scheduling a night shift, but would like to incorporate night shift work into the 2012 CUP.

5. Setbacks

Stripping, excavation, processing, stockpiling and sedimentation ponds are setback a minimum of 50 feet from all property lines and gas pipelines, a minimum of 75 feet from the right-of-way line of County Road 71 (Rich Valley Boulevard) and a minimum of 300 feet from adjacent residential structures. Setbacks are indicated on the Phasing Plan, Sheet C-2.

6. Site Access

The Site is accessed off of County Road 71 (Rich Valley Boulevard). The entrance to the Site is paved for at least 75 feet. The haul routes are currently Rich Valley Boulevard north to Cliff Road and Rich Valley Boulevard south to 117th Street. Average daily traffic generated from the Site is approximately 150 truck trips per day. Levels of production are expected to remain fairly consistent over the course of the next permitting period.

7. Landscaping

The setback areas on the Site will be landscaped in accordance with the approved landscape plans (see Figures 4, 4A and 4B). Landscaping includes the establishment of berms along Rich Valley Boulevard and along portions of the southern setback area of the Site. A portion of the berm along the southern setback area has been constructed.

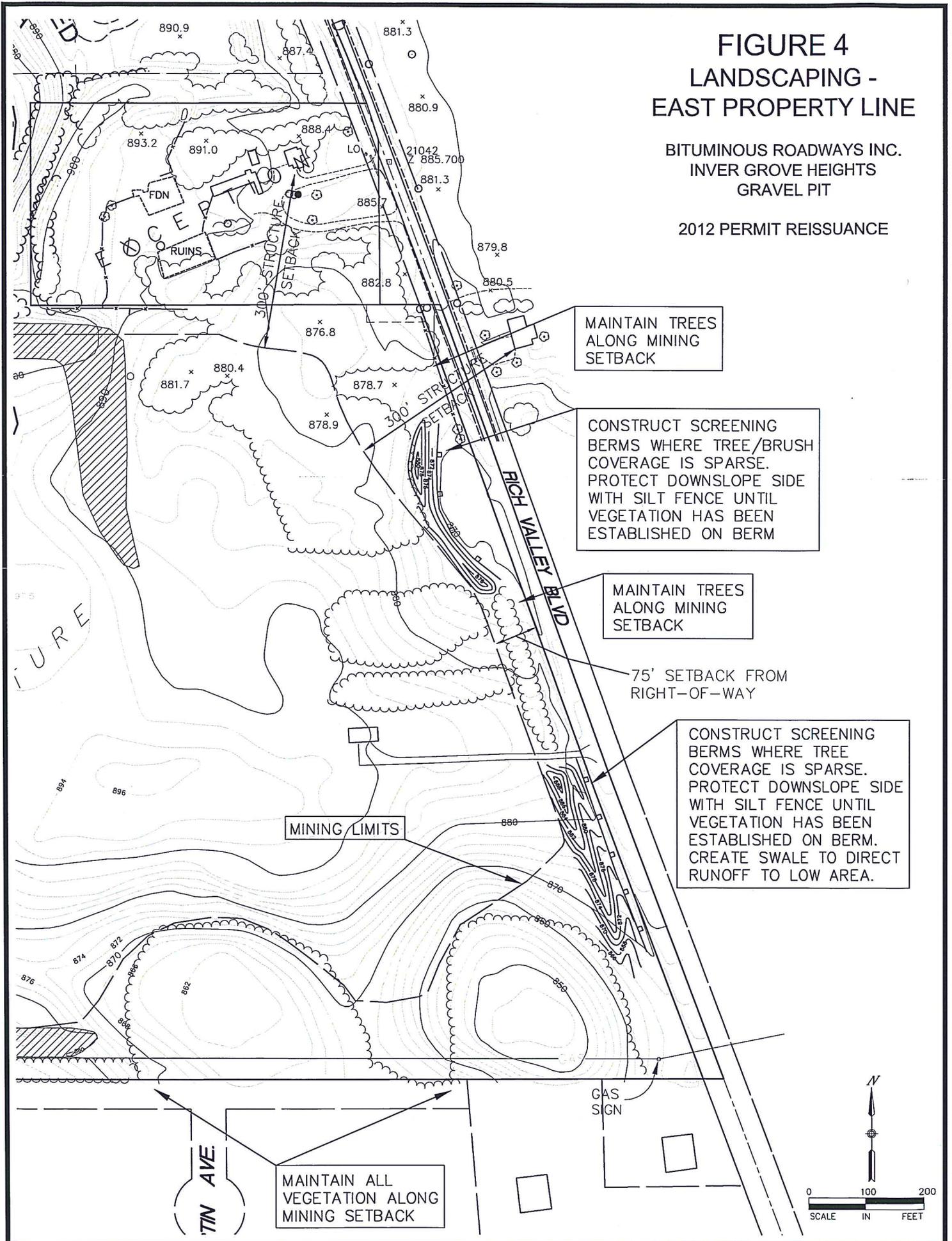
8. Weed Control

Weeds or other unsightly or noxious vegetation shall be controlled as necessary to maintain a neat appearance of the Site.

FIGURE 4 LANDSCAPING - EAST PROPERTY LINE

BITUMINOUS ROADWAYS INC.
INVER GROVE HEIGHTS
GRAVEL PIT

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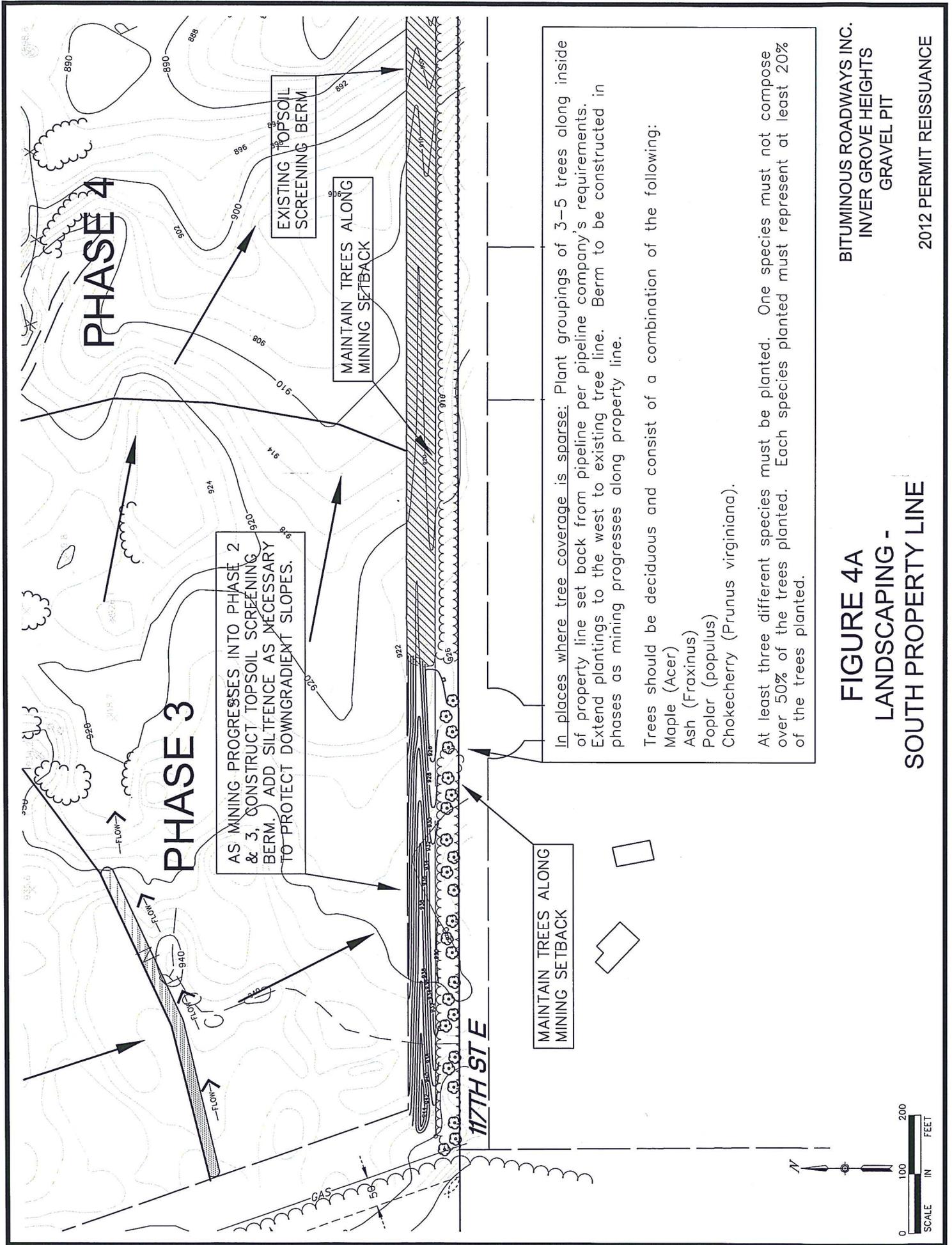
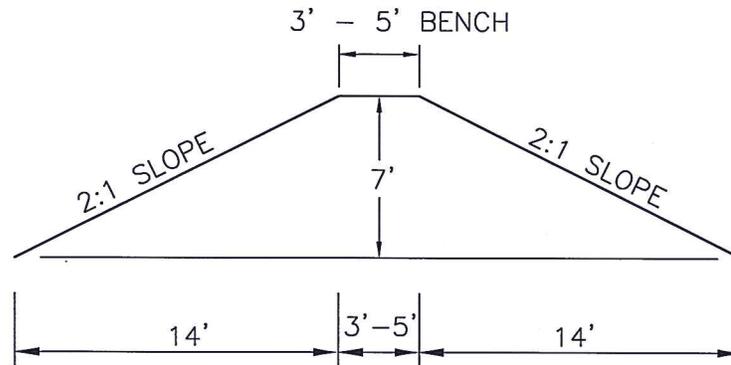


FIGURE 4A
LANDSCAPING -
SOUTH PROPERTY LINE

NO SCALE



SEED BERM ACCORDING TO SPECIFICATIONS:

In areas to be permanently seeded, use native seed mixture equivalent to MNDOT No. 350. Apply seed mixture at a rate of 94.7 kg per hectare (84.5 lbs per acre) in accordance with MNDOT Standard Spec. 2575. Incorporate a Type 3 fertilizer (slow release type with 10 week residual) consisting of 22-5-10 (%N-P-K) into the soil at an application rate of 392 kg per hectare (350 lbs per acre) by disking prior to seeding.

Establish native seed mix in accordance with MNDOT Standard Spec. 2575.3. Use a Truax type, or equal interseeder drill with at least two seed boxes: a small/fine seed box and a large/fluffy seed box. Drill large/fluffy seeds to a final planting depth of 10 mm (1/2 inch) to 25 mm (1 inch) deep from the large/fluffy seed box. Split the drill rates in half and make two passes over the site in order to decrease competition in drill rows. Scatter small/fine seeds over the soil surface by drop-seeding from the small/fine seed box, or broadcast. Coordinate with the seed vendor to keep the large/fluffy seeds separate from the small/fine seeds so that they may be installed from separate seed boxes. Lightly harrow or rake the site following the seeding operation. Pack the site following harrowing in order to ensure a firm seed-bed.

Comply with the requirements of MNDOT Standard Spec. Table 2575-1 for season of planting native seed mixtures. The appropriate dates for spring seeding are from April 15 through July 20. Fall seeding dates are from September 20 to October 20. Dormant seeding dates are from October 20 to November 15. Dormant seeding will only be allowed if the maximum soil temperature at a depth of 25 mm (1 inch) does not exceed 10 degrees C (50 degrees F) in order to prevent germination.

In seeded areas with slopes equal to or flatter than 3:1, apply MNDOT Standard Spec. 3882 Type 1 mulch uniformly over the soil surface by hand or machine within 24 hours after seeding in accordance with MNDOT Standard Spec. 2575.3. Apply mulch at a rate of 4.5 metric tons per hectare (2 tons per acre). Immediately after placement, anchor all mulch material into the soil by crimping (straight disking) in a direction perpendicular to that of the overland storm water flow. Punch the mulch into the soil to a depth of 2 to 3 inches with a disk spacing of 8" or less.

FIGURE 4B SCREENING BERMS

BITUMINOUS ROADWAYS INC.
INVER GROVE HEIGHTS
GRAVEL PIT

2012 PERMIT REISSUANCE

9. Wetlands

There are two low areas on the southern portion of the Site that were indicated as wetland basins on the National Wetland Inventory map. A field delineation of the wetland basins was performed by SEH and presented their results in a May 20, 2002 report. They concluded that neither area meets the criteria for a jurisdictional wetland determination. A copy of the SEH report is included as Appendix B.

10. Storm Water Management

Storm Water Calculations for the 2, 10, and 100 year events from pre and post mining conditions, as well as a long term yield model for the site using precipitation data from the last thirty years to establish high water levels for the proposed future ponding areas, were submitted as part of the past permitting applications. These studies are still applicable and are provided in Appendix C.

11. Tree Preservation

The existing woods located west of the gas pipeline will not be impacted by mining or reclamation grading. Trees and vegetation within the 300 foot setback from existing structures will also remain undisturbed. Existing trees in the setback area along the southern portion of the Site have been undisturbed and provide additional screening. Additional trees may be planted as the proposed topsoil screening berm along the south property line is expanded to the west in accordance with the approved landscaping plans (see Figures 4, 4A and 4B, Landscaping).

12. Dust Control

Dust is controlled at the Site by utilizing the existing paved site entrance. Interior haul roads are watered as needed in order to minimize dust from vehicular travel within the site. Screening berms are vegetated.

13. Noise Control

The Site must operate in compliance with State noise standards. Vehicles and equipment are operated with standard noise reduction features such as mufflers. Perimeter berms and operation of equipment in the recessed portion of the site also help to reduce noise emissions from the site.

During the original permitting phase of the southern portion of the site, Barr Engineering modeled anticipated noise generation from the site based on topography, equipment to be operated and location of adjacent residences or receptors. The modeling results and applicable noise standards were discussed in detail in the EAW. The noise analysis predicted that the site will operate below noise standards established by the Minnesota Pollution Control Agency for residential areas both during stripping operations which occur at grade and during mining operations when equipment is recessed on the floor of the mining operation and the active bank provides noise mitigation.

Barr's analysis also noted that back up alarms will likely be audible at the nearest residences particularly when there is a light northern wind and little other background noise. Although the noise may be audible, it does not represent a predicted exceedence of state standards. Back up alarms are a requirement of MSHA – Mining Safety and Health Administration. Back up alarms are intentionally loud and audible and are required in order to ensure the protection of on-site workers.

14. Lighting

There is no lighting within the active mining area. There are a total of six exterior lights associated with security for the asphalt plant and contractors yard. Exterior lights are located as follows:

- 1 - Rainbow shop
- 1 - Old scale house
- 1- Top of oil tanks at plant
- 3- Top of silos at plant.

15. Groundwater Monitoring

In accordance with the permit, groundwater monitoring is conducted every other year at the on-site well (known as the "Rainbow well") and at the Todd Wicker and Robert Plan properties. Samples are analyzed for both diesel range organics (DRO) and gasoline range organics (GRO) and for arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, zinc, phenol, pH, electric conductivity and alkalinity. Results are submitted to the City. The results from the last five years show that sample concentrations for both GRO and DRO have been below the reporting limit. The results also show that the concentrations of barium, cadmium, chromium, nickel, selenium, silver, zinc, and phenol were all below the Health Risk Limit (HRL) established by the Minnesota Department of Health. The sample concentrations of arsenic and mercury were below the Maximum Contaminate Level (MCL) (HRLs have not been established for arsenic or mercury), which is a federal standard for the

lowest concentration at which a particular contaminant is believed to be a potential health concern. The sample concentrations for lead and copper were both below the "action level" (HRLs or MCLs have not been established for lead or copper).

There is an existing well associated with the farmstead on the Site. This well will be abandoned in accordance with Dakota County Ordinance No. 114 and the Minnesota Department of Health, once mining has progressed to the point the demolition of the homestead will be required.

16. Volumes

The gross volume of in-place material to be removed from the Site is approximately 8 million cubic yards. Approximately 1.2 million cubic yards have been removed from the Site as part of Phase 1 mining. The life expectancy of the site will depend upon the future economy and aggregate demand in the metropolitan area. Reports by the Metropolitan Council, Minnesota Geologic Survey and Minnesota Department of Natural Resources indicate that the supply of aggregate materials in the metropolitan area is rapidly being depleted. However, the vitality of the economy and the construction industry impact market demand which varies from year to year. The remaining life of this Site is estimated to be 20-25 years.

17. Permits

In addition to the local permits required by the City of Inver Grove Heights, which include the Conditional Use Permit and Land Alteration Permit the Site must operate in compliance with other state and federal regulations. The site operates under a NPDES Stormwater Permit and Air Emissions Permit issued by the MPCA, a Minnesota DNR Water Appropriations Permit, and a Dakota County Hazardous Waste Generators License and Processing License. The existing Water Appropriations Permit will be amended prior to using well water and all reports which are required to be submitted to the MN DNR for the Water Appropriations Permit will also be submitted to the City, including water usage reports (water usage in 2010 and 2011 was zero). The Site also operates under a Spill Prevention Control and Countermeasures (SPCC) Plan.

All reports which are required to be submitted to Dakota County under the Hazardous Waste Generators License and the Processing License will also be submitted to the City, including the required annual and quarterly reports. All reports which are required to be submitted to the MPCA will also be submitted to the City, including annual emissions inventory report, semi-annual deviations report, annual compliance certification report, and annual report.

IV. RECLAMATION

1. Phasing

Reclamation is conducted in phases at the site. As portions of the mining area are completed, the areas are backfilled, graded, topsoil applied and vegetation established. During the past five year permit period, substantial reclamation activity has been completed in the northern portion of the site. The Reclamation Plan, Sheet C-6 illustrates the reclamation grades that will be established at the Site upon conclusion of mining. The Phasing Plan, Sheet C-2 illustrates areas where reclamation has been completed. Reclamation activities will leave the Site in a state that will prepare it for final development.

2. Grades

Areas within the northern portion of the Site have been backfilled and sloped and they were seeded and mulched in the fall of 2011. Reclamation activities will continue in areas where mining has been completed. Reclamation activities in these areas will include continued backfilling and sloping of the excavated areas with materials unsuitable for sale or use in asphalt mix. Clean backfill soil may also be brought to the site to be used for establishment of reclamation grades. All backfill used in reclamation activities is clean, compactable, natural earthen material free of debris or contamination.

Along the perimeter of the excavation limits, backfilling will be required to achieve a maximum 4:1 final slope previously approved by the City of Inver Grove Heights. The processing and stockpile area will remain open and active.

Reclamation grades for the southern portion of the Site will be graded to a maximum slope of 10:1 as indicated on the Reclamation Plan, Sheet C-6.

3. Topsoil

Topsoil capable of establishing and supporting vegetation, will be placed as areas are reclaimed. Topsoil will be replaced to a minimum depth of six inches. Backfilled and graded areas will be seeded and mulched to establish vegetation, stabilize slopes and minimize erosion.

4. Removal of buildings

Within three months after completion of the sand and gravel mining operation any buildings or structures which have been established on the site as an accessory to the mining operation

will be removed. Permanent structures which conform to the permanent zoning district requirements in which they are located, may remain on Site.

5. Bond

A reclamation bond has been posted with the City of Inver Grove Heights to insure that the Site is properly restored upon completion of mining activity.

Final Use of the property upon reclamation will be consistent with the zoning and subdivision ordinances in effect at the time of final development. According to the City of Inver Grove Heights Comprehensive Plan dated March 2010 the site is designated rural residential. The next Comprehensive Plan update will be available in 2020 and that designation is subject to change. It is possible that this area will be serviced by sanitary sewer at the time of final development. Even if this area is not within the Metropolitan Urban Service Area (MUSA) at the time of final development, previous drain field design and percolation testing within Inver Grove Heights have shown that septic systems and drain fields can be properly designed in areas previously disturbed by grading and earth moving activities in areas with permeable sand and gravel soils. Another option would be to provide a community drain field design in an undisturbed portion of the Site. In this situation individual septic tanks could be pumped up to a larger drain field serving all of the residential uses on the site.

V. PLAN SET

Operations are described in detail within this report. The following plans have been prepared which help to illustrate the Site operations.

1. Existing Conditions: **C-1**

This plan illustrates pertinent Site features including the site boundary, existing topography, utilities, easements, wooded areas, wetlands, and existing on-site and adjacent buildings.

2. Phasing Plan: **C-2**

The Phasing Plan illustrates the sequence of mining and reclamation activities which are proposed to occur on the Site.

3. Cross-Sections: **C-3, C-4, C-5**

Cross Sections have been prepared for the site and are included as Figures C-3, C-4 and C-5. These cross sections illustrate the existing elevation, proposed reclamation grades, depth of topsoil, maximum mining elevation and extent of sand and gravel deposit on Site.

4. Reclamation Plan: **C-6**

This plan illustrates the end use grades for the site, limits of mining, and setbacks. Final grades have been designed at a maximum 10:1 slope for the southern portion of the site and a maximum 4:1 slope as previously approved for the northern portion of the Site.

PLANS



Question and Answer Report

***Bituminous Roadways Inc. (BRI) – Proposed Wash
Water Well***

***Prepared for
The City of Inver Grove Heights, Minnesota***

July 2012



Question and Answer Report

Bituminous Roadways Inc. (BRI) – Proposed Wash Water Well

***Prepared for
The City of Inver Grove Heights, Minnesota***

July 2012



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**Question and Answer Report
Bituminous Roadways Inc. (BRI) – Proposed Wash Water Well**

**Prepared for
The City of Inver Grove Heights**

July 2012

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1.0 Introduction

This Question and Answer Report (Report) has been prepared by Barr Engineering Company (Barr) for the City of Inver Grove Heights and contains answers to questions regarding a wash water well and associated ponds proposed by Bituminous Roadways Inc. (BRI). BRI is proposing to construct these facilities to wash aggregate from their sand and gravel mine for use in their asphalt plant.

Reference information used for this Report includes:

- Minnesota Department of Natural Resource water appropriation permit amendment request by Sunde Engineering, PLLC (Sunde), dated April 25, 2012,
- Application for Reissuance of Conditional Use Permit 07-11C prepared by Sunde, dated April 25, 2012,
- Water quality monitoring data from BRI from 2002 through 2012, and
- A telephone conference call with BRI, Sunde, and Barr staff on June 20, 2012.

The questions contained in this Report were developed in agreement with City staff at the start of the project and are divided into six general categories below. These categories correspond to Sections 2 through 7.

- Need for Groundwater
- System Design
- Operation and Maintenance
- Groundwater Impacts
- Groundwater Monitoring, and
- Other Agencies

Our conclusions and recommendations are provided in Section 8.

2.0 Need for Groundwater

- A. Question: *What analysis has been performed that demonstrates that there is an insufficient quantity of surface water available from the existing onsite ponds for aggregate washing?***

Answer: BRI has a need for washed aggregate to use in asphalt that it produces at its facility in Inver Grove Heights. Asphalt is typically produced at BRI's facility each year starting in April through the month of October. BRI indicated that in recent years they have not washed aggregate at the facility due to the lack of wash water. Instead, BRI has purchased washed aggregate and brought it to the site for use in the asphalt it produces.

It has been BRI's experience that surface water has not provided a reliable source of wash water during the washing season.

- B. Question: *Do the existing sediment ponds have a bottom liner and if not would lining those ponds provide sufficient wash water without the need for the groundwater well?***

Answer: No, the existing sedimentation ponds do not have an engineered and constructed liner. However, sediment from washed aggregate contains very small particles of soil that significantly reduces the quantity of water that infiltrates out of the pond bottom.

The wash plant would be located in the southern part of the site. However, the main stormwater pond is located near the northern portion of the site and therefore is not available for wash water. Even with collecting all of the on-site available surface water and constructing pond liners, BRI has determined that the existing ponds would not contain enough surface water throughout an entire typical wash season to reliably meet its needs.

- C. Question: *What quantity and rate of groundwater and surface water is needed for aggregate washing?***

Answer: BRI is proposing to operate the wash plant for 12 hours per day, 5 days per week, during the seven month washing season (April through October). During operation of the proposed wash plant, water would be lost to evaporation and to the surface of the aggregate particles. BRI estimates these losses would range from approximately 380 to 510 gallons per

minute (about 15% to 20% of the wash plant capacity of 2,550 gallons per minute). The water lost would be made up with water from the proposed wash water well. To allow for variations in water loss, BRI is proposing to install a groundwater well capable of supplying wash water at a rate of 450 gallons per minute for a total of 42.8 million gallons per year.

3.0 System Design

A. Question: *Is an additional pond needed and if so would the proposed pond design differ from the existing ponds?*

Answer: Yes, BRI is proposing to install three new wash water ponds that would be connected and operated in series so that fine sediment would settle out. Similar to the existing ponds, the proposed new ponds would not have a constructed liner; however the new ponds would be longer and narrower than the existing ponds. Water returning from the wash plant would be conveyed to the first pond which would overflow to the second pond. Overflow water from the second pond would go to the third pond where it would be returned to the wash plant for re-use. This method of operation would result in water returning from the plant to settle out fine particles in the first two ponds and clear water from the third pond returned to the wash plant for re-use.

B. Question: *Would use of groundwater for aggregate washing increase the volume and size of the existing surface water ponds?*

Answer: Yes, the size and volume of the proposed ponds is larger than the existing ponds. The larger pond sizes are needed to provide the time required for the water to reside in the ponds long enough to settle the fine particles before the water is returned to the wash plant.

C. Question: *Would more water infiltrate from the ponds to the groundwater than from the existing operations?*

Answer: Yes, because the proposed ponds would be larger, more water would be expected to infiltrate through the pond bottoms.

D. Question: *Is the design of the proposed surface water ponds, especially the liner, adequate?*

Answer: As indicated above, the proposed ponds would not be lined. Therefore, the major design features are expected to be the overflow and other conveyance infrastructure which require relatively little design effort for construction and were not submitted to the City or Barr.

E. Question: What would be the liner thickness and permeability, would the liner be subject to freeze-thaw, and what affect would freezing of the liner have on its effectiveness?

Answer: The proposed ponds would not have a constructed liner.

F. Question: For the proposed operation, how much additional surface water would be available for aggregate washing by the installation of the pond liners?

Answer: BRI indicated that they would not expect significantly more water to be retained in the ponds if a liner were installed. Therefore, BRI has determined that it is not advantageous for them to install liners in the proposed ponds. Consequently, Barr did not calculate the theoretical additional water that could potentially be available if liners were constructed.

G. Question: How can the City be assured that the ponds would be constructed per its design?

Answer: City staff could conduct periodic site inspections to the ponds during construction to determine if they were being constructed as proposed.

H. Question: Would there be any surface water discharges from the ponds or from the mining operation?

Answer: No, any available surface water will be conveyed to the proposed ponds to minimize the amount of groundwater needed for wash plant operations.

4.0 Operation and Maintenance

- A. ***Question:*** *How is the aggregate currently washed to remove fines and how would the use of groundwater change this process?*

Answer: As discussed above, BRI does not currently wash its aggregate due to the lack of reliable wash water. In the proposed wash plant, unwashed aggregate would be fed into the head of the wash plant and sprayed (washed) with water as it passes through the plant. The fine soil particles would be conveyed with the wash water to the ponds where they would settle to the bottom and the clear water would be used over again in the wash plant. No chemicals are used in the washing process. BRI indicates that the use of groundwater from the proposed wash water well would allow them to wash aggregate in this manner.

- B. ***Question:*** *Would surface water or groundwater be used first for aggregate washing?*

Answer: All available surface water would be used first. Groundwater would be used as needed to supplement the surface water to provide the total volume of water needed for efficient aggregate washing.

- C. ***Question:*** *What maintenance, such as periodic dredging, would be performed on the surface water ponds and how would this be done without damaging the proposed pond liners?*

Answer: BRI indicated that periodic dredging of the ponds will be performed. Since the proposed ponds would not have constructed liners, dredging of sediment out of the ponds could be achieved without the risk of liner damage. Sediment removed from the ponds would be mixed with topsoil and used for reclamation at the facility.

- D. ***Question:*** *Where would the fine sediment from the ponds be disposed of?*

Answer: The fine sediment would be mixed with topsoil and used at the facility.

E. Question: How would the City be assured that the necessary pond maintenance is being performed?

Answer: The available volume in the proposed ponds needs to be large enough for the water to reside in the pond long enough to allow fine soil particles to settle to the bottom. If too much of the pond volume is occupied by sediment that has settled to the bottom, then removal of sediment would be needed to increase the volume available for water. Therefore, it is in BRI's best interest to remove sediment from the ponds periodically so that enough water volume is available to enable efficient settling.

Additionally, City staff could perform periodic inspections of the facility.

5.0 Groundwater Impacts

A. Question: *Is the groundwater modeling performed to date adequate or is there a need for more detailed modeling?*

Answer: Barr performed groundwater modeling of pumping by the proposed new groundwater well at the BRI facility. We believe this modeling is adequate and is discussed further below.

B. Question: *What would be the impacts (if any) to nearby residential wells or monitoring wells for Pine Bend Landfill from the proposed increase in pumping from the existing groundwater well?*

Answer: Groundwater model predictions of drawdown caused by pumping from the proposed BRI well indicate that it will not significantly impact the nearest residential well, but that it may cause the nearest Pine Bend Landfill (PBL) monitoring well to go dry for a short period of time at the beginning of the mining season.

The residential and monitoring wells nearest to the proposed BRI well are shown on Figure 1. The nearest residential well is identified in the April 25, 2012 letter from Sunde Engineering as being owned by Todd Wicker. The driller's log for this well (Unique ID 435227; Appendix A) indicates that it is completed in the Quaternary sand and gravel aquifer and had 57 feet of water above the pump intake when the static water level was measured at the time of construction in 1987. The nearest PBL monitoring well is M-11A, which is also completed in the sand and gravel aquifer and is approximately 1900 feet from the proposed BRI well. In 2011, the water level in M-11A was reported to be 8 - 10 feet above the bottom of the well screen (2011 PBL Annual Report).

As part of our evaluation of the impacts to nearby wells, a numerical model of groundwater flow in the vicinity of the BRI facility – developed from the Metropolitan Council's Metro Model 2 – was used to simulate two scenarios of continuous (steady-state) pumping at the proposed well: 1) pumping at the maximum rate of 450 gallons per minute (gpm) during filling of the wash water ponds at the beginning of the mining season (estimated by Sunde Engineering to require 55-60 hours of continuous pumping) and 2) pumping at the seasonal average rate of 160 gpm. It is necessary to consider two pumping scenarios because the

short-term effects represented by the pond-filling scenario are not likely to extend beyond the nearest wells mentioned above, given the relatively short period of time (2-3 days) over which pond filling occurs; the seasonally averaged pumping scenario better represents long-term effects, such as drawdown far from the well and sustained impacts to groundwater flow direction and velocity.

Pond-Filling Pumping Scenario (450 gpm)

Pumping at 450 gpm for the 2-3 days required to fill the wash water ponds results in a maximum predicted lowering of the water table of approximately 11 feet at the proposed well, as shown on Figure 2. Water table drawdown of 5-6 feet is predicted in the vicinity of the Wicker residential well and landfill monitoring well M-11A. The prediction of steady-state drawdown at these wells is a conservative estimate (i.e. highest anticipated drawdown), given that the time required for drawdown effects to travel to these wells from the proposed well is not accounted for in the simulation. The predicted magnitude of drawdown is unlikely to significantly interfere with the operation of the Wicker well, but may lower the water table below the bottom of M-11A for some or all of the duration of pond filling. Should M-11A go dry, it will likely remain so for only a short period of time, as the water table will rise when the pumping rate decreases after the ponds have been filled.

Long-Term Pumping Scenario (160 gpm)

Pumping averaged over the mining season is estimated to lower the water table up to 1.5 feet in the vicinity of the PBL, as shown on Figure 3. This estimate is conservative (i.e. shows the largest anticipated impact) because it does not account for recovery during periods when the well is not being pumped. It is unlikely that this magnitude of drawdown will significantly impact the PBL monitoring wells given that the seasonal variation in water table elevation in the area likely exceeds 1.5 feet.

C. Question: Would the proposed increase in pumping from the existing groundwater well impact the direction or velocity of groundwater flow?

Answer: The proposed pumping is predicted to have a modest impact on the direction and velocity of shallow groundwater flow in the immediate vicinity of the proposed well and negligible impact in the vicinity of the PBL, much less than would be required to affect the direction and velocity of migration of the PBL contaminant plume. The simulated impact to groundwater flow direction and velocity is shown by the flow arrows on Figure 4, which point in

the direction of flow and have lengths scaled by the flow velocity. A comparison of flow arrows for the baseline condition (no pumping) and the proposed long-term pumping (160 gpm) show little difference in flow direction and velocity away from the proposed well.

D. Question: Would the proposed operation cause increased infiltration of surface water into the groundwater? If so, would this cause a greater potential for groundwater contamination?

Answer: Infiltration from the wash water ponds will increase due to pumping of groundwater into the ponds. However, pumping of the proposed wash water well and the resulting new wash water ponds are unlikely to result in a significant increase of infiltration of surface water into groundwater or reduction of surface water levels or flow rates.

Surface water features in the area of the proposed BRI well, which are shown on Figure 1; include a number of small ponds east and west of the BRI facility and the Mississippi River to the east of the facility. The depth of the water table in the vicinity of the BRI facility – approximately 100 feet below ground surface – suggests that the ponds are poorly connected to the groundwater system and therefore are not likely to be affected by the proposed pumping. The flow arrows on Figure 4 show that the Mississippi River is a significant regional groundwater discharge area for both baseline and long-term pumping conditions. The reduction in groundwater discharge to the PBL area of the river, which is shown on Figure 4, is predicted to be less than one percent.

6.0 Groundwater Monitoring

A. Question: What groundwater monitoring does BRI currently perform?

Answer: BRI currently monitors water quality in one on-site well (Rainbow Well), the existing on-site sedimentation pond (North Pond), and two nearby residential wells (Todd Wicker and Robert Plan Wells). Samples are analyzed for various metals, Diesel Range Organics (DRO) and Gasoline Range Organics (GRO), total phenolics, pH, specific conductivity, and alkalinity.

B. Question: What are the results of BRI current groundwater monitoring?

Answer: The monitoring data indicate that all concentrations measured were below the Minnesota Department of Health's Health Risk Limits (HRLs). Historical water quality monitoring data from 2002 through 2012 are provided in Tables 1 through 4.

C. Question: Would additional groundwater monitoring at the existing monitoring points or the existing groundwater well be necessary or helpful? If so, for what parameters and at what frequency?

Answer: Barr believes that BRI's current water monitoring program is adequate. The Rainbow Well (which is currently monitored) is located downgradient of existing operations and is in a location that will allow early detection of groundwater contamination from BRI's operations, if any occurs. The operation of a well on-site will not affect the role that this well will continue to play in monitoring groundwater quality.

7.0 Other Agencies

A. Question: What permits or licenses (if any) would be required by the State of Minnesota to increase pumping from the existing or a new groundwater well?

Answer: The Minnesota Department of Natural Resources will likely require a Water Appropriations Permit for groundwater because the amount of water proposed to be pumped exceeds 10,000 gallons per day or 1-million gallons per year. BRI will be required to monitor groundwater use and record monthly total volumes pumped. Each year, in February, BRI will be required to submit a report to the MDNR that lists the monthly pumping volumes for the previous year. These data are made available by the MDNR through the SWUDS (State Water Use Database) data.

B. Question: What permits or licenses (if any) would be required by Dakota County to increase pumping from the existing or a new groundwater well?

Answer: Dakota County does not have authority to authorize, limit, or control groundwater appropriations. They have authority to review domestic well construction permits. However, high-capacity well construction permits (for which this well would be classified) are permitted by the Minnesota Department of Health's Well Construction group. The Minnesota Department of Health will review the proposed construction to ensure that it meets Well Code requirements.

8.0 Conclusions and Recommendations

Barr Engineering Co. conducted an evaluation of the proposed use of groundwater for washing aggregate at the Bituminous Roadways Inc. (BRI) facility in Inver Grove Heights. BRI is proposing to install a groundwater well capable of supplying wash water at a rate of 450 gallons per minute for a total of 42.8 million gallons per year. Barr concurs with BRI's position that surface water sources (i.e. stormwater ponds) are insufficient for their wash-water needs.

A groundwater flow model of the BRI facility and surrounding area was adapted from the Metro Model 2 – a regional groundwater flow model developed by Barr for the Metropolitan Council. This model was used to evaluate the effects of pumping of the proposed wash water well on groundwater levels, existing wells in the area, and groundwater flow/contaminant migration at the Pine Bend Landfill (PBL), located northeast of the BRI facility. Based on this groundwater modeling evaluation, the following are concluded:

1. The proposed pumping is predicted to have negligible impact on groundwater flow in the vicinity of PBL, much less than would be required to affect the direction and velocity of migration of the PBL contaminant plume. The proposed pumping is not predicted to cause contamination from PBL to migrate to residential wells and is not predicted to have a negative impact on the on-going in situ groundwater remedial actions at PBL.
2. Each spring, BRI proposes pumping the well continuously at 450 gpm for 2-3 days in order to fill the wash water ponds. We predict that this short-term pumping will cause a very short period (less than 2 days) when there will be up to 6 feet of drawdown in the nearest residential well (the Wicker well). The setting of the pump in this residential well is sufficiently deep that its use will not be affected.
3. During this same 2-3 day period each spring, pumping may result in a maximum predicted lowering of the water table of up to 5 feet in the vicinity of landfill monitoring well M-11A, possibly causing monitoring well M-11A to go dry for a brief period (less than a day). This short-term drawdown is not predicted to adversely affect the on-going monitoring program at PBL. Furthermore, model results show groundwater flow in the vicinity of monitoring well M-11A will continue to be predominantly eastward and downgradient contamination will not be pulled into M-11A as a result of this very short-term pumping.

4. We do not recommend a slower rate of BRI spring-time pumping, even if monitoring well M-11A would temporarily go dry. It is preferable to fill the wash water ponds as quickly as possible and primarily from aquifer storage rather than extend the pumping period over a longer period of time and thereby unnecessarily expand the cone of depression around the proposed well.

Recommendations

Based on the above conclusions and review of BRI's proposed wash water system, Barr recommends City approval of the proposed BRI wash water well and system.

Tables

Table 1
 Bituminous Roadways, Inc.
 Monitoring Well Sample Results
 Years 2002 - 2012

Parameter	Unit	EPA Maximum Contaminant Limit	MN MDH Human Health Based Guidance Table	Sample Date Aug 28 2002	2003	2004	Sample Date May 17 2005	2006	Sample Date May 03 2007	August 10 2009	May 9 2011	May 21 2012
Effective Date		7/1/2002	6/22/2012									
Exceedance Key		No Exceed	No Exceed									
BRI UPPER WELL (RAINBOW WELL)												
Arsenic	ug/L	10		<2			<0.5		<0.5	0.56	<0.5	<20
Barium	ug/L	2000	2000 HRL93	60			55		63		67	71
Cadmium	ug/L	5	4 HRL93	<0.2			<0.1		0.12		<5	<2.0
Chromium	ug/L	100	100 CR HRL93	<2			<6		<10		<10	<5.0
Copper	ug/L	1300 TT(7)		16			<5		3.45	9	<5	<10
Lead	ug/L	1300 TT(7)		0.59			<15		1.26	<30	<30	<10
Mercury	ug/L	2		<0.06			<0.13		<0.02	<0.01	<0.01	<0.20
Nickel	ug/L		100 HRL93	<3			<5		1.59		<10	<5.0
Selenium	ug/L	50	30 HRL93	<2			0.54		<1		<1	<20
Silver	ug/L		30 HRL93	<0.5			<0.1*		<0.2*	<5	<5	<5.0
Zinc	ug/L		2000 HRL94	1970			174		231	132	104	<5.0
DRO	ppm			<0.035			<0.035		<0.035	<0.046	<0.035	0.220
GRO	ppm			<0.03			<0.03		<0.03	<0.03	<0.03	<0.1
Phenolics, Total	ug/L		4000 HRL93	<5			<5		<5	<5	<5	<10
pH	Units			7.1			7.4		7.7	7.6	7.5	7.29
Specific Conductivity	umhos/cm			545.0			560.0		585.0	606.0	623.0	690
Alkalinity, Total	mg/L CaCO3			260			255		253	251	262	260
Beryllium	ug/L	4	0.08 HRL93							<5		
* Elevated "less than result" (<) due to sample matrix												
BRI LOWER WELL												
Arsenic	ug/L	10		<2			<0.5		<0.5			
Barium	ug/L	2000	2000 HRL93	96			97		109			
Cadmium	ug/L	5	4 HRL93	<0.2			0.30		<0.1			
Chromium	ug/L	100	100 CR HRL93	<2			<6		<10			
Copper	ug/L	1300 TT(7)		2			<5		1.46			
Lead	ug/L	1300 TT(7)		<0.5			<15		<0.5			
Mercury	ug/L	2		<0.06			<0.13		<0.02			
Nickel	ug/L		100 HRL93	<3			<5		1.68			
Selenium	ug/L	50	30 HRL93	<2			<0.5		<1			
Silver	ug/L		30 HRL93	<0.5			<0.1*		<0.2*			
Zinc	ug/L		2000 HRL94	46			42		108			
DRO	ppm			<0.035			<0.035		<0.038			
GRO	ppm			<0.03			<0.03		<0.03			
Phenolics, Total	ug/L		4000 HRL93	<5			<5		<5			
pH	Units			7.4			7.4		7.7			
Specific Conductivity	umhos/cm			504.0			530.0		542.0			
Alkalinity, Total	mg/L CaCO3			260			263		259			
* Elevated "less than result" (<) due to sample matrix												

Table 2
 Bituminous Roadways, Inc.
 Pond Sample Results
 Years 2002 - 2012

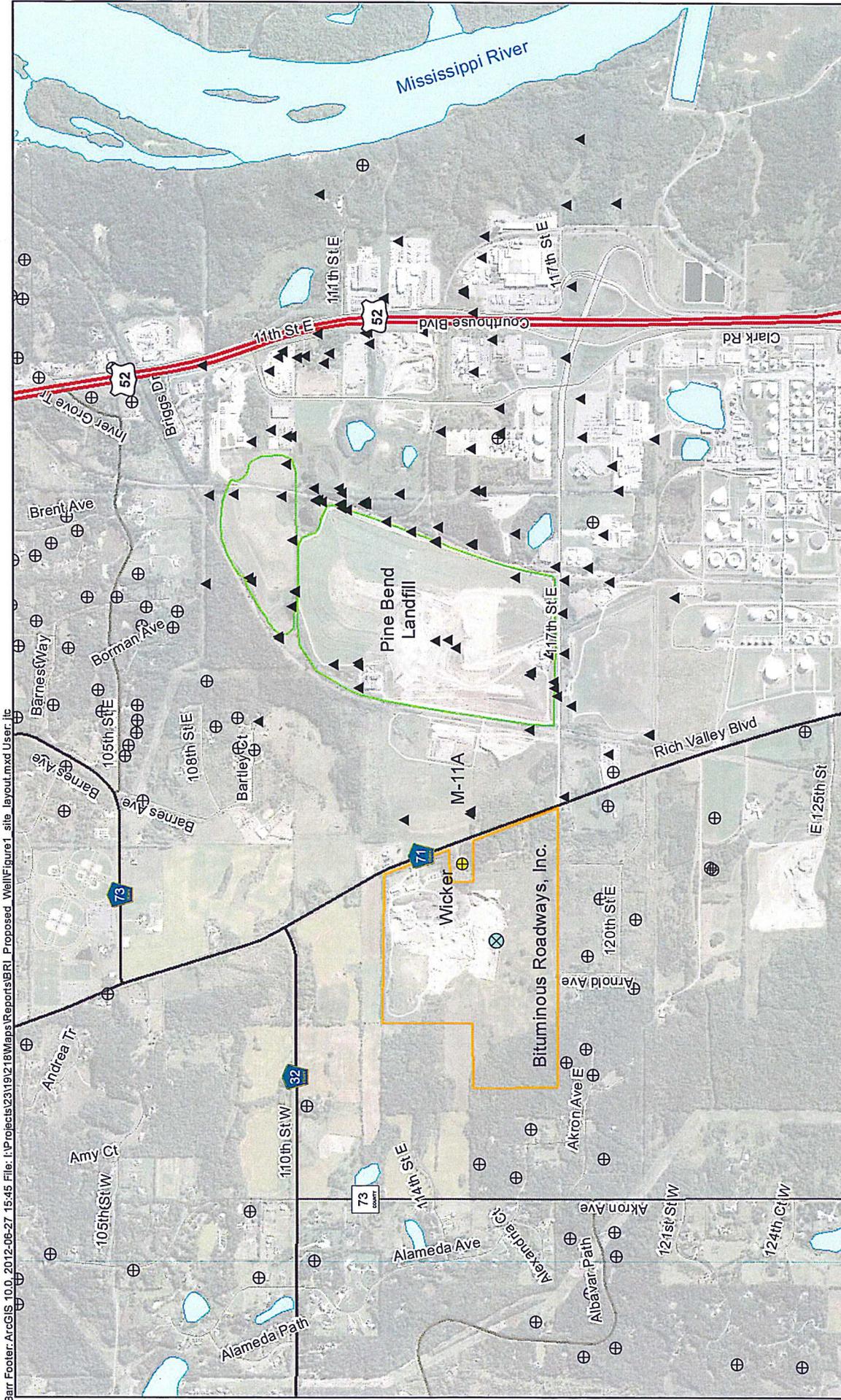
Parameter	Unit	EPA Maximum Contaminant Limit	MN MDH Human Health Based Guidance Table	Sample Date Aug 28 2002	2003	2004	Sample Date May 17 2005	2006	Sample Date May 03 2007	(Northwest Pond)	(Northeast Pond)
Effective Date		7/1/2002	6/22/2012								
Exceedance Key		No Exceed	No Exceed								
North Pond											
Arsenic	ug/L	10		<2			1.86		<0.5	<20	<20
Barium	ug/L	2000	2000 HRL93	102			57		19	130	73
Cadmium	ug/L	5	4 HRL93	0.37			0.23		<0.1	<2.0	<2.0
Chromium	ug/L	100	100 CR HRL93	<2			<6		<10	33	13
Copper	ug/L	1300 TT(7)		6			10		5.05	22	15
Lead	ug/L	1300 TT(7)		1.58			<15		0.91	12	10
Mercury	ug/L	2		<0.06			<0.13		<0.02	<0.20	<0.20
Nickel	ug/L		100 HRL93	<3			6		1.34	19	9.5
Selenium	ug/L	50	30 HRL93	<2			4.36		1.76	<20	<20
Silver	ug/L		30 HRL93	<0.5			<0.1*		<0.2*	<5.0	<5.0
Zinc	ug/L		2000 HRL94	20			23		27	40	30
DRO	ppm			<0.035			<0.035		<0.035	0.120	0.580
GRO	ppm			<0.03			<0.03		<0.03	<0.1	<0.1
Phenolics, Total	ug/L		4000 HRL93	<5			<5		<5	<10	<10
pH	Units			8.1			8.0		9.5	8.29	7.54
Specific Conductivity	umhos/cm			220.0			217.0		374.0	120	140
Alkalinity, Total	mg/L CaCO3			85			75		48	60	56
* Elevated "less than result" (<) due to sample matrix											
South Pond											
Arsenic	ug/L	10		3.3			1.39		<0.5		
Barium	ug/L	2000	2000 HRL93	21			30		34		
Cadmium	ug/L	5	4 HRL93	<0.2			0.16		0.11		
Chromium	ug/L	100	100 CR HRL93	<2			<6		<10		
Copper	ug/L	1300 TT(7)		4			<5		4.97		
Lead	ug/L	1300 TT(7)		<0.5			<15		1.05		
Mercury	ug/L	2		<0.06			<0.13		<0.02		
Nickel	ug/L		100 HRL93	4			<5		1.63		
Selenium	ug/L	50	30 HRL93	<2			0.51		1.15		
Silver	ug/L		30 HRL93	<0.5			<0.1*		<0.2*		
Zinc	ug/L		2000 HRL94	20			<10		15		
DRO	ppm			<0.035			<0.035		<0.038		
GRO	ppm			<0.03			<0.03		<0.03		
Phenolics, Total	ug/L		4000 HRL93	<5			<5		<5		
pH	Units			9.0			7.9		8.3		
Specific Conductivity	umhos/cm			195.0			198.6		309.0		
Alkalinity, Total	mg/L CaCO3			75			61		76		
* Elevated "less than result" (<) due to sample matrix											

Table 3
 Bituminous Roadways, Inc.
 Residential Well Sample Results
 Years 2002 - 2012

Parameter	Unit	EPA Maximum Contaminant Limit	MN MDH Human Health Based Guidance Table	Sample Date Aug 28 2002	2003	2004	Sample Date May 17 2005	2006	Sample Date May 03 2007	August 10 2009	May 9 2011
Effective Date		7/1/2002	6/22/2012								
Exceedance Key		No Exceed	No Exceed								
Todd Wicker Well											
Arsenic	ug/L	10		<2			<0.5		<0.5	<0.5	<0.5
Barium	ug/L	2000	2000 HRL93	57			<5		<5		<5
Cadmium	ug/L	5	4 HRL93	<0.2			<0.1		<0.1		<5
Chromium	ug/L	100	100 CR HRL93	<2			<6		<10		<10
Copper	ug/L	1300 TT(7)		26			<5		2.77		<5
Lead	ug/L	1300 TT(7)		1.79			<15		<0.5		<30
Mercury	ug/L	2		<0.06			<0.13		<0.02		<0.01
Nickel	ug/L		100 HRL93	<3			<5		<1*		<10
Selenium	ug/L	50	30 HRL93	<2			<0.5		<1		<1
Silver	ug/L		30 HRL93	<0.5			<0.1*		<0.2*		<5
Zinc	ug/L		2000 HRL94	1190			18		31		41
DRO	ppm			<0.035			<0.035		<0.035		<0.035
GRO	ppm			<0.03			<0.3		<0.03		<0.03
Phenolics, Total	ug/L		4000 HRL93	<5			<5		<5		<5
pH	Units			7.4			7.4		7.9		8.0
Specific Conductivity	umhos/cm			559.0			593.0		613.0		867.0
Alkalinity, Total	mg/L CaCO3			270			271		269		267
Beryllium	ug/L	4	0.08 HRL93								<5
* Elevated "less than result" (<) due to sample matrix											
Robert Plan Well											
Arsenic	ug/L	10		<2			<0.5		<0.5		<0.5
Barium	ug/L	2000	2000 HRL93	60			60		78		83
Cadmium	ug/L	5	4 HRL93	<0.2			<0.1		0.1		<5
Chromium	ug/L	100	100 CR HRL93	<2			<6		<10		<10
Copper	ug/L	1300 TT(7)		10			7		9.83		29
Lead	ug/L	1300 TT(7)		<0.5			<15		0.64		<30
Mercury	ug/L	2		<0.06			<0.13		<0.02		<0.01
Nickel	ug/L		100 HRL93	<3			<5		1.56		<10
Selenium	ug/L	50	30 HRL93	<2			1.39		1.81		<1
Silver	ug/L		30 HRL93	<0.5			<0.1*		<0.2*		<5
Zinc	ug/L		2000 HRL94	115			152		148		423
DRO	ppm			<0.035			<0.035		<0.035		<0.035
GRO	ppm			<0.03			<0.03		<0.03		<0.03
Phenolics, Total	ug/L		4000 HRL93	<5			<5		<5		<5
pH	Units			7.4			7.4		7.6		7.5
Specific Conductivity	umhos/cm			601.0			560.0		666.0		682.0
Alkalinity, Total	mg/L CaCO3			280			257		275		273
Beryllium	ug/L	4	0.08 HRL93								<5
* Elevated "less than result" (<) due to sample matrix											

Table 4

Action Level Qualifiers/Footnotes	
Qualifier	Definition
(1)	When acrylamide is used in drinking water systems, the combination (or product) of dose and monomer level shall not exceed that equivalent to a polyacrylamide polymer containing 0.05% monomer dosed at 1 mg/L.
(2)	1998 Final Rule for Disinfectants and Disinfection By-products: The total for trihalomethanes is 0.08 mg/L.
(3)	The MCL value for any combination of two or more of these three chemicals (Aldicarb, Aldicarb sulfone, Aldicarb sulfoxide) should not exceed 0.007 mg/L because of similar mode of action.
(5)	No more than 5.0% samples total coliform-positive in a month. Every sample that has total coliforms must be analyzed for fecal coliforms; no fecal coliforms are allowed.
(6)	Under review.
(7)	Copper action level at 1.3 mg/L, Lead action level at 0.015 mg/L.
(8)	Proposed 7/2001 arsenic rule states that the Jan. 2001 MCL of 10 ppb will not be enforced until 2006, and is still being evaluated at 3,5,10,20 ppb.
(14)	Millirems per years.
(15)	Picocuries per liter.
TT	Treatment technique.
(1)	Value is representative of the lowest exposure duration published in the Minnesota Department of Health Groundwater Values Table.
(2)	Set at short term HRL.
CR	Value represents the criteria for Chromium, hexavalent.



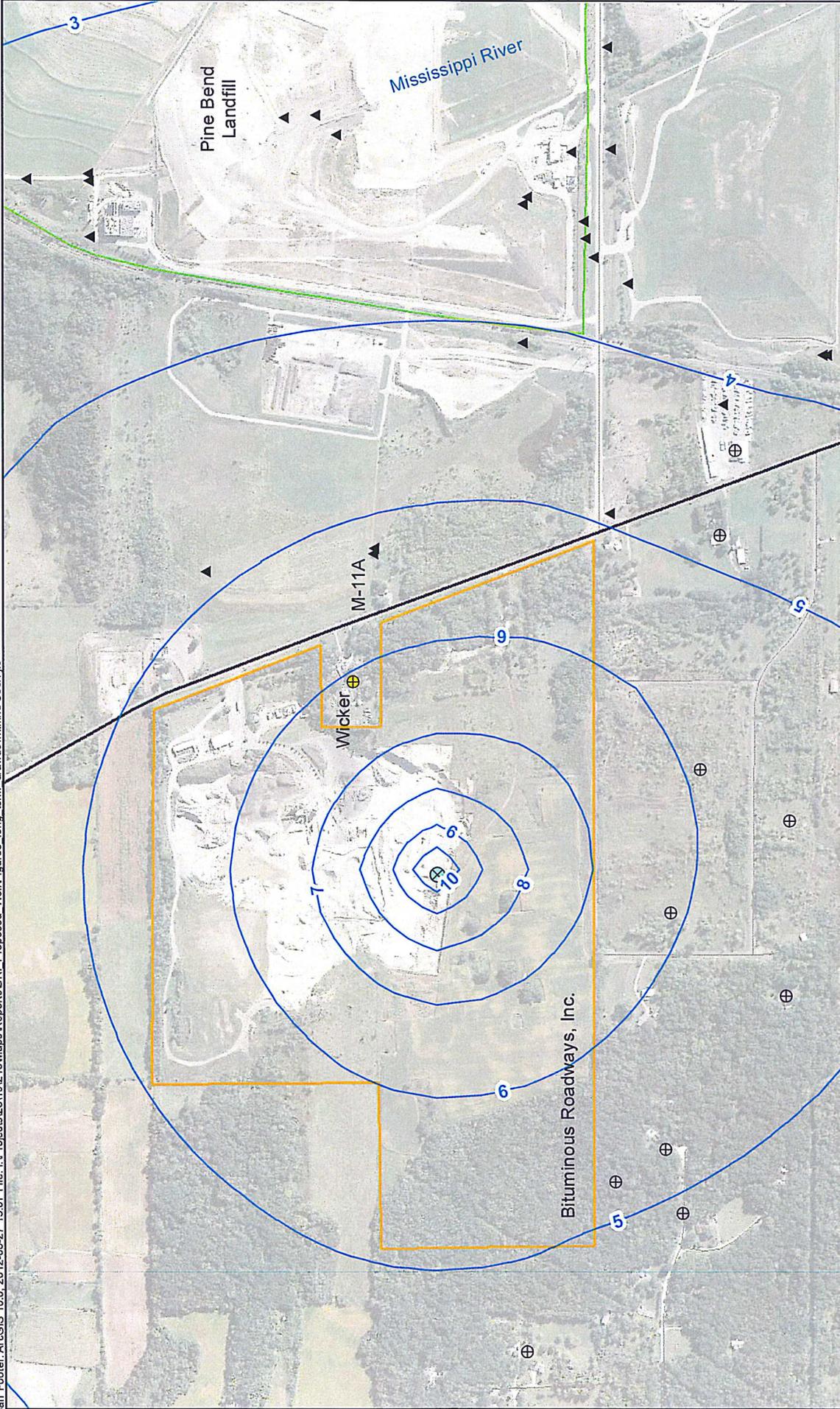
Barr Footer: ArcGIS 10.0, 2012-06-27 15:45 File: I:\Projects\23191219\Maps\Reports\BRI_Proposed_Well\Figure1_site_layout.mxd User: jlc

Imagery: 2010 FSA

Figure 1
SITE LAYOUT
 Evaluation of Proposed Pumping
 at Bituminous Roadways, Inc.
 City of Inver Grove Heights, MN



- Legend**
- ⊗ Proposed BRI Well (Approx)
 - ⊕ Residential Well (Approx)
 - ⊕ Residential Well (CWI)
 - ▲ Pine Bend Landfill Monitoring Well
 - BRI Property Line (Approx)
 - Pine Bend Landfill Boundary



Imagery: 2010 FSA

Legend

- Drawdown (ft)
- Proposed BRI Well (Approx)
- Residential Well (Approx)
- Residential Well (CWI)
- Pine Bend Landfill Monitoring Well
- BRI Property Line (Approx)
- Pine Bend Landfill Boundary

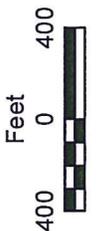
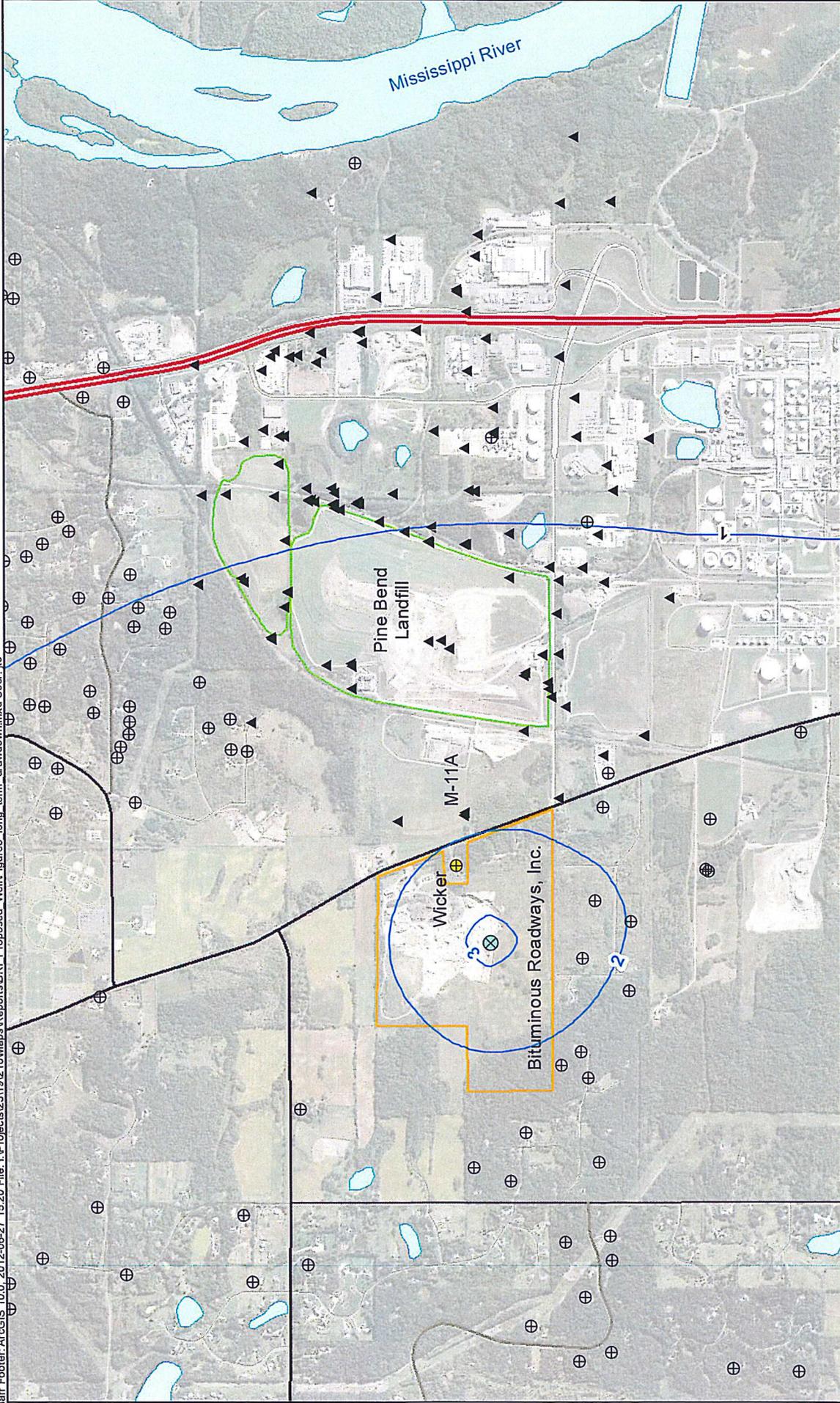


Figure 2
SIMULATED WATER-TABLE DRAWDOWN:
POND-FILLING PUMPING SCENARIO (450 GPM)
 Evaluation of Proposed Pumping
 at Bituminous Roadways, Inc.
 City of Inver Grove Heights, MN



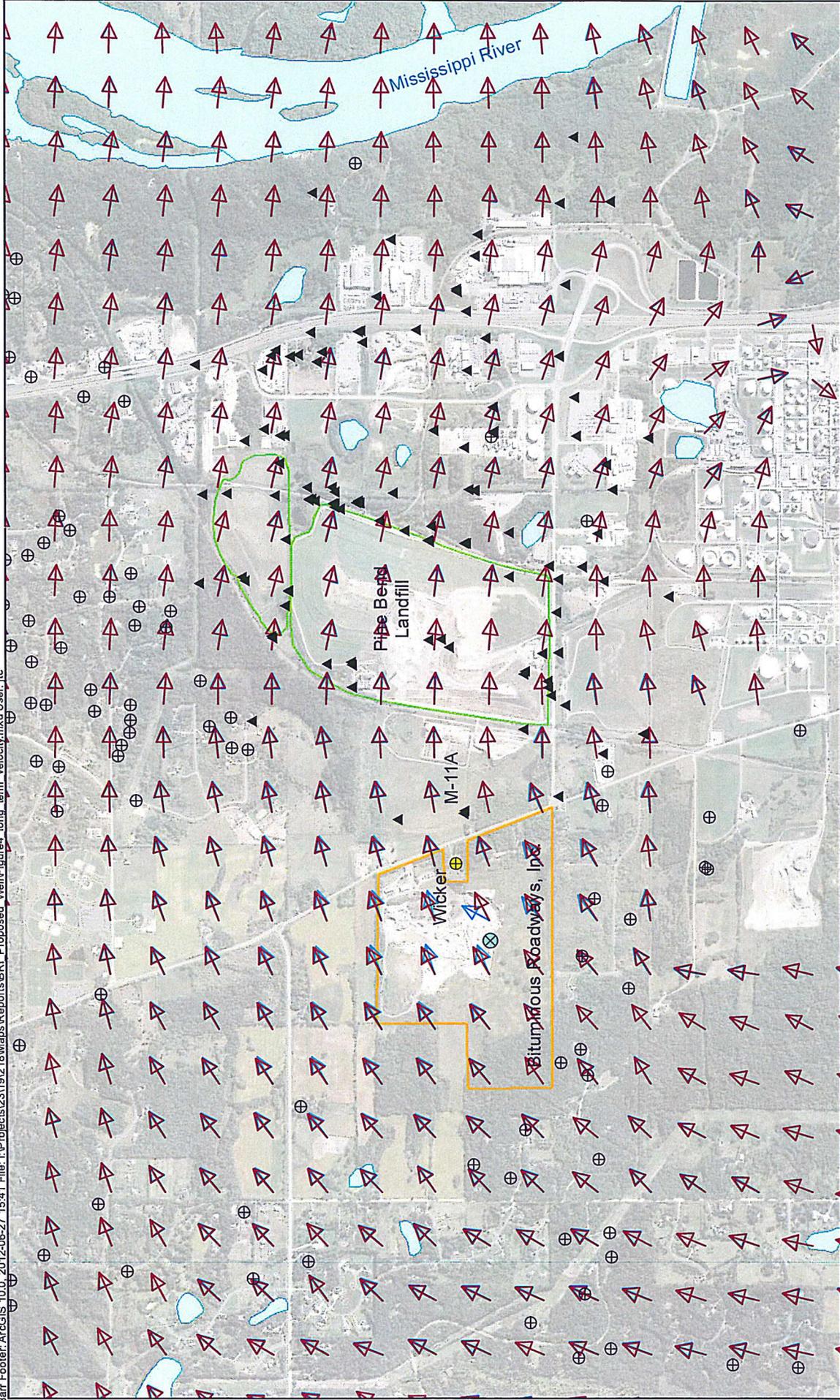
Imagery: 2010 FSA

Legend

- Proposed BRI Well (Approx)
- Residential Well (Approx)
- Residential Well (CWI)
- Pine Bend Landfill Monitoring Well
- Drawdown (ft)
- BRI Property Line (Approx)
- Pine Bend Landfill Boundary



Figure 3
SIMULATED WATER-TABLE DRAWDOWN:
LONG-TERM PUMPING SCENARIO (160 GPM)
 Evaluation of Proposed Pumping
 at Bituminous Roadways, Inc.
 City of Inver Grove Heights, MN



Imagery: 2010 FSA

Legend

- ⊗ Proposed BRI Well (Approx)
- ⊕ Residential Well (Approx)
- ⊕ Residential Well (CWI)
- ▲ Pine Bend Landfill Monitoring Well
- Velocity (No BRI Pumping)
- Velocity (160 gpm BRI Pumping)
- ▭ BRI Property Line (Approx)
- ▭ Pine Bend Landfill Boundary



Figure 4
SIMULATED GROUNDWATER VELOCITIES:
LONG-TERM PUMPING SCENARIO (160 GPM)
 Evaluation of Proposed Pumping
 at Bituminous Roadways, Inc.
 City of Inver Grove Heights, MN



Appendices

Appendix A

**Minnesota Department of Health
Well and Boring Record**

Unique No. 00435227	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2005/06/09
County Name Dakota		Entry Date 1993/12/19

Township Name Township Range Dir Section Subsection 27 22 W 32 AD	Well Depth 183 ft.	Depth Completed 183 ft.	Date Well Completed 1987/07/05
--	-----------------------	----------------------------	-----------------------------------

Well Name WICKER, JOHN Drilling Method Non-specified Rotary

Contact's Name WICKER, JOHN 11479 RICH VALLEY BL INVER GROVE HEIGHTS MN 55075	Drilling Fluid Bentonite Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From _____ ft. to _____ ft.
---	--

Use Domestic

Casing Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> N	Hole Diameter in. t 183 ft
---	-------------------------------

GEOLOGICAL MATERIAL	COLOR	HARDNESS	FROM	TO
GRAVEL	BROW	MEDIUM	0	183

Screen Y	Open Hole From _____ ft. to _____ ft.	
Make JOHNSON	Type L	
Diameter Slot 2	Length Set 10 7	Fitting 177 ft. to 183 ft

Static Water Level 100 ft. from Land surface Date 1987/07/05

PUMPING LEVEL (below land surface)
160 ft. after 2 hrs. pumping 20 g.p.m.

Well Head Completion
Pitless adapter mfr WHITEWATER Model SU4X5.5
Casing Protection 12 in. above grade
 At-grade(Environmental Wells and Borings ONLY)

Grouting Information Well grouted? Yes No

Material	From	To (ft.)	Amount(yds/bags)
B	177	2	

Nearest Known Source of Contamination
75 ft. direction S type SDF
Well disinfected upon completion? Yes No

Pump Not Installed Date Installed _____

Mfr nam GRUNDFOS Model SP-2-15 HP 0.75 Volts 230

Drop Pipe Length 157 ft. Capacity 10 g.p.m

Type S

Any not in use and not sealed well(s) on property? Yes No

Was a variance granted from the MDH for this Well? Yes No

Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. 19521

License Business Name _____

Name of Driller ANDERSON, L.

USGS Quad Inver Grove Heights Elevation _____
Aquifer: Alt Id: _____

Report Copy

A. BITUMINOUS ROADWAYS; Consider the following Resolutions for Property Located at 11201 Rich Valley Boulevard:

- i) An Ordinance Amendment for the renewal of a five year sand and gravel overlay permit
- ii) A Conditional Use Permit Amendment for the mining and processing of sand and gravel and to operate an asphalt plant and contractor's yard with open storage

Mr. Link showed the property location on Rich Valley Boulevard. He explained there are two requests by Bituminous Roadways; the first request is an ordinance amendment for a five-year extension for the sand and gravel overlay zoning district. He said this zoning district has to be renewed each five years. Mr. Link said the second part of the request is for a conditional use permit amendment. He explained there are two changes to the request. One is for a ground water well and the other is for an extension of hours. Mr. Link stated the operation would not change except for those two changes. Because of the impact of the ground water, the city hired Barr Engineering to do analysis of the groundwater and the impact on the surrounding wells and the conclusion reached is there are no negative impacts on the adjacent wells in the area. Mr. Link said there was a person who expressed concern for his well and Barr Engineering reviewed that matter and submitted a report that says there are no impacts. He said the other request from Bituminous Roadways is to operate 30 night hours over the year.

Mr. Link said the Planning Commission and staff recommend approval of the request. He noted the consultant is present if there are questions.

Councilmember Klein asked about condition number 27 and the chances of that bill passing.

Mr. Link said there is no such legislation but that condition was put in just in case the State would adopt legislation.

Councilmember Piekarski Krech referred to condition 11, monitoring of the well and asked what the monitoring status will be of the new well.

Mr. Link said Bituminous Roadways will have to submit monthly reports and have reviews on a regular basis.

Councilmember Piekarski Krech questioned the expiration date of July 23rd.

Mr. Link said the application was submitted on time.

Mayor Tourville said the concerns are the drawdown and the contamination.

Kent Peterson, President of Bituminous Roadways, said if his well were to negatively affect other wells, he is legally obligated to fix the problem.

Michalea Whalen with Sunde Engineering, said the owner of the well that was found to have caused any negative interference with another well in the area, the owner of that well would have to make it right. She said as far as Barr's report it doesn't look like any ground water contamination will be a problem.

Mr. Peterson explained the purpose of the well is to allow them to wash aggregates. Previously they have tried to use stormwater, but that hasn't met their needs.

Ray Wuolo, Barr Engineering, said he was directly involved in doing the analysis. The proposed well is to be installed in a shallow sand and gravel aquifer. The pumping rate is about 150 gallons per minute. They will use the water over and over and so it replenishes itself. For three days during the spring, there will be 450 gallons per minute. They can conclude unequivocally that it will not change ground water flows and so it won't pull contaminated water back from the landfill.

Joe Maltese, lives directly behind and to the west of Bituminous, said it sounds like they did all the homework; however, he said the residents will have to prove where the problem came from and the resident will have to hire a law firm, so it's not an easy issue to resolve. He said he is looking for a guarantee that they won't have to go through that if someone has a problem with their well.

Mayor Tourville said the guarantee isn't going to come from a consultant so that is why the MPCA stepped in.

Mr. Maltese said Bituminous Roadways is a for-profit business and said someone needs to step up if there are problems, and asked whether the City would do that.

Mr. Wuolo, Barr Engineering, said there are two separate issues: water levels and water quality. Two different state agencies deal with the two issues. If a resident encounters water supply issues they should call the city and the city in turn will call the MPCA who will require BR to do a study. Water quality, City has strict oversight regarding Pine Bend Landfill and test annually. If the flows start to change and contamination is an issue, it will be known years to react to the contamination.

Steve Sandberg, 11802 Akron Avenue, said they live so close that they can hear the tailgates banging. He said he would like to see the motion sensor backup alarms put in.

Mr. Peterson said they have been replacing the backup alarms as they go out and they can't be heard that far away.

Councilmember Piekarski Krech asked if noise is becoming an issue how the 30 night hours will affect the residents.

Mr. Link said they did an environmental analysis and found the noise at the periphery of the property did not exceed state standard. He stated as far as the nighttime operation, the City Council has approved that before and has not received any complaints.

Jeff, 11636 Akron Avenue, asked who pays for the water if the well does go out.

Mayor Tourville responded that there has been reimbursement done immediately with the state law but it would depend on which issue was at hand, water level or contamination.

Joe Maltese asked that the approval be delayed until the City can investigate about who actually covers the cost.

Mayor Tourville asked Mr. Peterson what he thought if they wait two weeks.

Mr. Peterson asked Mr. Wuolo to respond and he said he is not an employee of the DNR but the law is clear about the liabilities with respect to water level. Contamination is under the purview of the MPCA and he can't answer to that.

Councilmember Piekarski Krech said she thinks the residents are asking for who determines whose fault it is if water levels change or contamination occurs.

Mr. Wuolo said that the determination is very easy and can be done within a couple of hours.

Mr. Peterson said they probably wouldn't operate the well until next spring so they can wait.

Mr. Kuntz said it may be best not to act on any of the permits to allow for more discussion. He said this could come back at the next regular meeting.

Mr. Peterson said he is agreeable to that.

Motion by Madden, second by Klein, to table consideration of the item to August 27, 2012

Ayes: 5

Nays: 0 Motion carried.

B. VANCE GRANNIS, JR.; Consider the Third Reading of an Ordinance Amendment to allow a DNR Gun Safety Program with Outdoor Shooting

Mr. Link introduced the item and said the only update since the second reading on July 9, 2012 was that there would be no more than six training sessions held per calendar year.

Allan Hunting

From: Wayne K. Schmidt [wschmidt@sirocco.com]
Sent: Tuesday, August 14, 2012 2:54 PM
To: Allan Hunting
Subject: FW: Bituminous Well Drilling Issue

Mr. Hunting,

I received a copy of the email below and thought I'd forward it to you so that you have a copy as well.

Thanks

Wayne



The Sirocco Group, Ltd.®

Wayne K. Schmidt
President
Phone: 651-306-1235
Cell: 612-518-6143
Fax: 651-306-1408

From: tesselman@metlife.com [<mailto:tesselman@metlife.com>]
Sent: Tuesday, August 14, 2012 2:52 PM
To: gtourville@ci.inver-grove-heights.mn.us
Cc: bklein@ci.inver-grove-heights.mn.us; rpiekarskikrech@ci.inver-grove-heights.mn.us; dmadden@ci.inver-grove-heights.mn.us; vgrannis@ci.inver-grove-heights.mn.us
Subject: Bituminous Well Drilling Issue

Hi Mayor,

I am writing to you regarding the issue of the Well drilling by Bituminous. Let me say that I believe they are a viable company and seem to be a good partner in terms of working with the City. I do however have some concerns about the environmental issues that may be an impact to our area by drilling this well. I do not see an upside for the area other than just for the employer. We, as residents of IGH, entertain the possibilities of contamination, lower water levels and certainly property value issues. I know that there may be a state statute that protects the property owner out there. No one has really been able to produce it. But, What would happen if Bituminous would no longer cease as a business, then left the Property owners and the City of Inver Grove Heights holding the liability?. Again, I am extremely concerned about this sequence of events and will be really wondering what the city of IGH residents will be gaining.

Thanks for listening,
Tom Esselman
11975 Albavar Path
Inver Grove Heights, MN 55077

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Allan Hunting

From: Wayne K. Schmidt [wschmidt@sirocco.com]
Sent: Tuesday, August 14, 2012 1:54 PM
To: Allan Hunting
Subject: Bituminous Roadways Well Opposition

Dear Mr. Hunting,

Thank you for returning my call today regarding my concerns related to the proposed Bituminous Roadways well. Please include all of my comments below in addition to the email I sent to the Mayor and Council Members.

Below is the email that I sent to the Mayor and City Council members. I do realize that everyone, including Bituminous Roadways is trying to do the right thing and I am truly appreciative of that. However after watching the video of the council session I have to agree with the resident that said we need help to ensure the water we depend on is protected and that we don't have to jump through a bunch of hoops to get things straightened out if water level problems arise. There are too many unanswered questions about who will help us as residents and what help we'll get. I heard the DNR, MPCA, Department of Health, the City of Inver Grove Heights, and the "Applicant" which I'm assuming is Bituminous Roadways mentioned. It's not clear to me who would coordinate the responses from all of the agencies nor who I would contact to get help should a problem arise.

My larger concern is contaminants in the water as once the water is contaminated there is very little that can be done to clean it up. Contamination can lead to longer term (as well as immediate) health issues and would certainly have a negative impact on the value of our homes (and after the last several years we don't need any more of that!).

It would be helpful to know what other options Bituminous Roadways considered to address their water needs before they settled on the need to drill such a high-capacity well. Also, one of the engineers stated that much of the pond water that Bituminous uses is lost to evaporation yet my understanding is that this well is intended to pump more water into those very same ponds thus reducing the water in the water table and letting it evaporate as well. It seems like this part of the process needs more consideration before approval can be granted to proceed with drilling the well. Since the representative from Bituminous Roadways indicated they do not need this new water source until next spring it seems we do have some time for careful consideration of the short and long term impacts a well like this would have to the surrounding community.

I am also a small business owner and I understand the challenges businesses face. I do not want to unfairly restrict Bituminous Roadways but when dealing with the source of water for many residents in the area I do believe that great care must be taken. Once the damage is done we can't undo it.

Sincerely,

Wayne Schmidt
11680 Alexandria Court
Inver Grove Heights, MN 55077

Dear Mr. Mayor and members of the City Council,

I live at 11680 Alexandria Court in Inver Grove Heights along with my wife and son. We selected this beautiful area of the city as our residence because of the qualities of fresh, clean well water, open spaces, and being away from the hustle and bustle of the more busy parts of Twin Cities.

It came to our attention yesterday that Bituminous Roadways is planning on installing a large capacity production well that could have a very negative impact on the water table that my neighbors and I all depend on for our residences.

I am writing to notify you that I am in complete opposition to allowing Bituminous Roadways to install this, or any other, well that could in any way jeopardize the water we all depend on to live.

I am confident that you and the other city leaders will do the right thing and prevent Bituminous Roadways from installing this, or any other well in order to protect those of us that have made this part of Inver Grove Heights our home.

Many of us are moving into a stage in our lives where we will be living on limited retirement incomes and the actions of the Federal government may reduce those incomes even further and increase our costs (Medicare, etc.). The prospect of having to have a new well drilled (at a minimum cost of \$12,000) plus the costs associated with having to repair damage done to our homes, properties and landscaping while having the new well drilled is not to be taken lightly and will place a significant hardship on every resident in this area.

I know that some discussions have been held regarding "guarantees" that can be put in place by Bituminous Roadways but the reality is the damage will already have been done if we have to count on those guarantees. We also can't control the future of Bituminous Roadways (they may go out of business or be purchased or change ownership in some other way that would allow them to void these guarantees).

I am also not comfortable with guarantees that have no "teeth" in them. I sincerely hope that the city prevents Bituminous Roadways from proceeding with their well(s). If the city council decides to allow Bituminous Roadways to proceed with their well(s) then the only solution I would find acceptable, from a guarantee perspective, is that Bituminous Roadways set aside a minimum of \$25,000 per well (not per property as some properties may have more than one well) into a fund and that fund be managed by a board of trustees selected by the residents in this area (not by the city nor by Bituminous Roadways). Bituminous Roadways would need to fully fund this account up front before any drilling occurs. In addition, Bituminous Roadways would need to be held accountable for any lowering of the water level in the water table and/or any contamination of the water table and must pay for regular testing of well water from all wells in the area at least twice per year and additional inspections when requested by one or more residents.

In addition to the above, I would want Bituminous Roadways to fund an independent assessment by a qualified team selected by the residents of this area before any drilling is conducted and Bituminous Roadways would need to accept and adhere to all recommendations and restrictions identified by this independently selected team of experts.

Also, Bituminous Roadways needs to be required to fully fund and pay for medical care (including end of life care and death benefits) required by any and all residents in the area that have their health negatively impacted by the proposed well(s) being planned by Bituminous Roadways. As we all know, the cost of health care is rising rapidly in this country and it should not be the burden of the residents of this area to pay for medical treatment necessitated by problems introduced by the Bituminous Roadways well(s).

I understand that the leadership of Bituminous Roadways is willing to listen to our concerns and I greatly appreciate that. I am confident that the leaders of this great city and the leaders of Bituminous Roadways can find a better solution that meets the needs of Bituminous Roadways from a business perspective while respecting the rights of the residents of this area to an abundant supply of fresh, clean and safe well water.

As I stated above, I am very opposed to allowing Bituminous Roadways to proceed with this or any other wells.

Thank you for your consideration.

Sincerely,

Wayne K. Schmidt

CITY OF INVER GROVE HEIGHTS

REQUEST FOR COUNCIL ACTION

CONSIDER FIRST READING OF AN ORDINANCE AMENDING CITY CODE TITLE 3, CHAPTER 4, SECTIONS 3-4-2-2 and 3-4-2-3 and 10-3-8 ADJUSTING DEVELOPMENT FEES FOR 2012

Meeting Date: October 22, 2012
Item Type: Regular
Contact: Jenelle Teppen, Asst. City Admin.
Prepared by:
Reviewed by:

	Fiscal/FTE Impact:
<input checked="" type="checkbox"/>	None
<input type="checkbox"/>	Amount included in current budget
<input type="checkbox"/>	Budget amendment requested
<input type="checkbox"/>	FTE included in current complement
<input type="checkbox"/>	New FTE requested – N/A
<input type="checkbox"/>	Other

PURPOSE/ACTION REQUESTED The Council is asked to consider the first reading of an ordinance to amend the City Code to adjust the fees and charges associated with development activities. This includes water and sanitary sewer connection fees, and fees associated with planning activities (such as rezoning, variance, conditional use permits, etc.).

SUMMARY Minnesota State Statues 462.353 sets forth the requirements with respect to a municipality's authority to prescribe fees associated with planning activities.

While Statute 462 does not speak to building permit fees or water or sanitary sewer connection fees, the City Attorney's advice is to set forth the fees in the Code given the scope of development that is anticipated to take place over the next several years in the northwest area.

The required public hearing has been set for November 12.

Staff proposes changes to the fees that address water and sanitary sewer connection fees, etc. The water and sewer connection fees are proposed to increase between 3.5% and 4.5%. These proposed fees are based on financial projections supplied by Ehlers and Associates.

Staff proposes to add fees for:

- Non-Conforming Use Certificate (none currently exists);
- An escrow to Street/Easement Vacation and Rezoning requests (to cover staff and city attorney time);
- A Final Plan Unit Development fee (none currently exists);
- Increasing the Zoning Letter fee (requests have become more complex)

The proposed changes are reflected on the attached.

**CITY OF INVER GROVE HEIGHTS
DAKOTA COUNTY, MINNESOTA**

ORDINANCE NO. _____

AN ORDINANCE AMENDING TITLE 3, CHAPTER 4, SECTION 3-4-2-2 AND SECTION 3-4-2-3 AND SECTION 3-4-3 AND TITLE 10, CHAPTER 3, SECTION 10-3-8 B OF THE INVER GROVE HEIGHTS CITY CODE RELATING TO FEES

The City Council of Inver Grove Heights does hereby ordain as follows:

Section 1. Amendment No. 1. Inver Grove Heights City Code Title 3, Chapter 4, Section 3-4-2-2 is hereby amended in its entirety to read as follows:

3-4-2-2: WATER, SANITARY SEWER AND STORM WATER SYSTEMS CONNECTION FEES:

A. Purpose and Intent. Minn. Stat. § 444.075, subd 3. and IGH City Code Title 8 allows the City to impose just and equitable charges for connection to the City water utility system to pay for the construction, reconstruction, repair, enlargement, improvement, or other obtainment, the maintenance, operation and use of the facilities, and of obtaining and complying with permits required by law.

Minn. Stat. § 444.075, subd. 3. and IGH City Code Title 8 allows the City to impose just and equitable charges for connection to the City sanitary sewer utility system to pay for the construction, reconstruction, repair, enlargement, improvement, or other obtainment, the maintenance, operation and use of the facilities, and of obtaining and complying with permits required by law.

Minn. Stat. § 444.075, subd. 3. and IGH City Code Title 8 allows the City to impose just and equitable charges for connection to the City storm sewer utility system to pay for the construction, reconstruction, repair, enlargement, improvement, or other obtainment, the maintenance, operation and use of the facilities, and of obtaining and complying with permits required by law.

The purpose and intent of this Title 3, Chapter 4, Section 3-4-2-2 is to impose connection fees for the water utility system and the sanitary sewer utility system and the storm water sewer utility system, also known as the storm water system.

B. Definitions. For purposes of this Title 3, Chapter 4, Section 3-4-2-2, the following terms shall have the following meanings:

Northwest Area means that certain geographic area within the City of Inver Grove Heights defined, established and referred to as the Northwest Area Overlay District pursuant to the City's zoning regulations.

Net Developable Area means the number of acres within a property remaining after excluding those portions that are either: a) encumbered by right of way for arterial roads as defined in the Inver Grove Heights Comprehensive Plan; or b) lying below the ordinary high water level of public waters as identified in the Shoreland Overlay District; or c) lying within the boundaries of wetlands delineated according to the Minnesota Wetland Conservation Act; or d) bluffs in Shoreland Overlay Districts abutting public waters; or e) land to be dedicated to the City of Inver Grove Heights for public park/recreation area purposes. Net Developable Area does not include outlots within a plat that are intended to be replatted at a later date into developable lots.

Gross Acres means the total acres within a plat, subdivision or parcel. Gross Acres do not include outlots within a plat that are intended to be replatted at a later date into developable lots.

SAC Unit means a unit as determined by the Metropolitan Council Environmental Services according to the Metropolitan Council Service Availability Charge Manual.

C. Connection Fees For Water Utility System For Land Outside of Northwest Area. The following connection fees for the water utility system are hereby imposed and required to be paid with respect to land outside of the Northwest Area that is within the Metropolitan Urban Service Area (MUSA).

Fees Payable At Time of Plat

The following fee must be paid when the property is subdivided or the property is platted or a building permit is obtained or when connection is made to the municipal water system, whichever occurs first. The fee is not payable if the property has been previously specially assessed on an area basis for a trunk water line.

Water Plat Connection Fee	\$1,055 \$1,095 multiplied by a density factor of 3.5 multiplied by Gross Acres
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Fees Payable At Time of Building Permit

The following fees must be paid by the landowner when a building permit is obtained or when connection is made to the municipal water system, whichever occurs first.

Water Building Permit Connection Unit Fee	\$710 \$735 per SAC Unit
Water Treatment Plant Fee	\$620 \$640 per SAC Unit
Water Core Connection Fee (based on water service size)	
1 inch	\$1,470 \$1,525
1 ½ inch	\$3,390 \$3,415
2 inch	\$5,860 \$6,065
3 inch	\$13,170 \$14,190
4 inch	\$23,425 \$24,245
6 inch (or larger)	\$54,925 \$56,845

D. Connection Fees For Sanitary Sewer Utility System For Land Outside of Northwest Area. The following connection fees for the sanitary sewer utility system are hereby imposed and required to be paid with respect to land outside of the Northwest Area that is within the Metropolitan Urban Service Area (MUSA).

Fees Payable At Time of Plat

The following fee must be paid when the property is subdivided or the property is platted or a building permit is obtained or connection is made to the municipal sanitary sewer system, whichever occurs first. The fee is not payable if the property has been previously specially assessed on an area basis for a trunk sanitary sewer line.

Sanitary Sewer Plat Connection Fee	\$1,055 \$1,095 multiplied by a density factor of 3.5 multiplied by Gross Acres
------------------------------------	---

Fees Payable At Time of Building Permit

The following fees must be paid by the landowner when a building permit is obtained or when connection is made to the municipal sanitary sewer system, whichever occurs first. The B-Line special connection charge only applies to that area of the City served by the B-Line sanitary system; for properties in the B-Line area, the B-Line special connection charge is payable in addition to the other fees set forth below.

M.C.E.S. SAC Unit Fee	\$2,365 \$2,435 per SAC Unit
Sanitary Sewer Building Permit Connection Unit Fee	\$375 \$385 per SAC Unit
B-Line Special Connection Charge	\$995 \$1,030 per SAC Unit (applicable only to B-Line Area)
Sewer Core Connection Fee (based on building sewer service size)	
4 inch	\$475 \$490
6 inch	\$800 \$830
8 inch	\$1,415 \$1,465
10 inch	\$2,215 \$2,295
12 inch	\$3,300 \$3,300

E. Connection Fees For Water Utility System For Northwest Area. The following connection fees for the water utility system are hereby imposed and required to be paid with respect to land within the Northwest Area.

**Fees Payable At Time of Plat
(Northwest Area)**

The following fees must be paid when the property is subdivided or the property is platted or a building permit is obtained or when connection is made to the municipal water system, whichever occurs first. The fee is not payable if the property is being platted as an agricultural planned unit development with no connection to the municipal water system.

Water Plat Connection Fee (Northwest Area)	
In the R-1 and R-2 Zoning Districts	\$940 \$955 multiplied by a density factor of 2.0 multiplied by the Net Developable Area
In the R-3A Zoning District	\$940 \$955 multiplied by a density factor of 4.0 multiplied by the Net Developable Area
In the R-3B Zoning District	\$940 \$955 multiplied by a density factor of 6.5 multiplied by the Net Developable Area
In the R-3C Zoning District	\$940 \$955 multiplied by a density factor of 12.0 multiplied by the Net Developable Area
In the B-1 and Office Park Zoning Districts	The fee shall be calculated as follows. First, multiply the Net Developable Area by 0.25 (the minimum Floor Area Ratio – FAR required by the Northwest Area Overlay District). The result is the minimum building area required by the Northwest Area Overlay District. Divide the minimum building area by the density factor of 2,400 square feet to arrive at density units. Then multiply the density units by \$940 \$955 .
In the B-2, B-3 and B-4 Zoning Districts	The fee shall be calculated as follows. First, multiply the Net

	Developable Area by 0.25 (the minimum Floor Area Ratio – FAR required by the Northwest Area Overlay District). The result is the minimum building area required by the Northwest Area Overlay District. Divide the minimum building area by the density factor of 3,000 square feet to arrive at density units. Then multiply the density units by \$910 \$955 .
In the I-1 and I-2 and Industrial – Office Park Zoning Districts	The fee shall be calculated as follows. First, multiply the Net Developable Area by 0.25 (the minimum Floor Area Ratio – FAR required by the Northwest Area Overlay District). The result is the minimum building area required by the Northwest Area Overlay District. Divide the minimum building area by the density factor of 7,000 square feet to arrive at density units. Then multiply the density units by \$910 \$955 .
In the P-Institutional Zoning Districts	The fee shall be calculated as follows. First, multiply the Net Developable Area by 0.25 (the minimum Floor Area Ratio – FAR required by the Northwest Area Overlay District). The result is the minimum building area required by the Northwest Area Overlay District. Divide the minimum building area by the density factor of 2,400 square feet to arrive at density units. Then multiply the density units by \$910 \$955 .
In the Mixed Use – Residential and in the Mixed Use - Commercial Zoning Districts	The fee shall be calculated with respect to each pro-ratable area component of the mixed use development using the appropriate fee calculations set forth above in relation to the respective land use of the component. The respective fees for each component shall then be added to compute the total fee.

Fees Payable At Time of Building Permit (Northwest Area)

The following fees must be paid by the landowner when a building permit is obtained or when connection is made to the municipal water system, whichever occurs first.

Water Building Permit Connection Unit	\$2,530 \$2,640 per SAC Unit
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Fee (Northwest Area)	
Water Treatment Plant Fee (Northwest Area)	\$620 \$640 per SAC Unit
Water Core Connection Fee (based on water service size) (Northwest Area)	
1 inch	\$1,505 \$1,575
1 ½ inch	\$3,380 \$3,530
2 inch	\$6,000 \$6,270
3 inch	\$13,490 \$14,095
4 inch	\$24,000 \$25,080
6 inch (or larger)	\$56,265 \$58,795

F. Connection Fees For Sanitary Sewer Utility System For Northwest Area.

The following connection fees for the sanitary sewer utility system are hereby imposed and required to be paid with respect to land within the Northwest Area:

Fees Payable At Time of Plat (Northwest Area)

The following fee must be paid when the property is subdivided or the property is platted or a building permit is obtained or when connection is made to the municipal sanitary sewer system, whichever occurs first. The fee is not payable if the property is being platted as an agricultural planned unit development with no connection to the municipal water system.

Sanitary Sewer Plat Connection Fee (Northwest Area)	
In the R-1 and R-2 Zoning Districts	\$1,460 \$1,525 multiplied by a density factor of 2.0 multiplied by the Net Developable Area
In the R-3A Zoning District	\$1,460 \$1,525 multiplied by a density factor of 4.0 multiplied by the Net Developable Area
In the R-3B Zoning District	\$1,460 \$1,525 multiplied by a density factor of 6.5 multiplied by the Net Developable Area
In the R-3C Zoning District	\$1,460 \$1,525 multiplied by a density factor of 12.0 multiplied by the Net Developable Area
In the B-1 and Office Park Zoning Districts	The fee shall be calculated as follows. First, multiply the Net Developable Area by 0.25 (the minimum Floor Area Ratio – FAR required by the Northwest Area Overlay District). The result is the minimum building area required by the Northwest Area Overlay District. Divide the minimum building area by the density factor of 2,400 square feet to arrive at density units. Then multiply the density units by \$1,460 \$1,525 .
In the B-2, B-3 and B-4 Zoning Districts	The fee shall be calculated as follows. First, multiply the Net Developable Area by 0.25 (the minimum Floor Area Ratio – FAR required by the Northwest Area

	Overlay District). The result is the minimum building area required by the Northwest Area Overlay District. Divide the minimum building area by the density factor of 3,000 square feet to arrive at density units. Then multiply the density units by \$1,460 \$1,525 .
In the I-1 and I-2 and Industrial – Office Park Zoning Districts	The fee shall be calculated as follows. First, multiply the Net Developable Area by 0.25 (the minimum Floor Area Ratio – FAR required by the Northwest Area Overlay District). The result is the minimum building area required by the Northwest Area Overlay District. Divide the minimum building area by the density factor of 7,000 square feet to arrive at density units. Then multiply the density units by \$1,460 \$1,525 .
In the P-Institutional Zoning Districts	The fee shall be calculated as follows. First, multiply the Net Developable Area by 0.25 (the minimum Floor Area Ratio – FAR required by the Northwest Area Overlay District). The result is the minimum building area required by the Northwest Area Overlay District. Divide the minimum building area by the density factor of 2,400 square feet to arrive at density units. Then multiply the density units by \$1,460 \$1,525 .
In the Mixed Use – Residential and in the Mixed Use - Commercial Zoning Districts	The fee shall be calculated with respect to each pro-ratable area component of the mixed use development using the appropriate fee calculations set forth above in relation to the respective land use of the component. The respective fees for each component shall then be added to compute the total fee.

Fees Paid At Time of Building Permit (Northwest Area)

The following fees must be paid by the landowner when a building permit is obtained or when connection is made to the municipal sanitary sewer system, whichever occurs first.

M.C.E.S. SAC Unit Fee (Northwest Area)	\$2,365 \$2,435 per SAC Unit
Sanitary Sewer Building Permit Connection Unit Fee (Northwest Area)	\$4,030 \$4,215 per SAC Unit
Sewer Core Connection Fee (based on building sewer service size)	

4 inch	\$490 \$510
6 inch	\$825 \$860
8 inch	\$1,460 \$1,525
10 inch	\$2,285 \$2,390
12 inch	\$3,280 \$3,430

G. Connection Fees For Storm Water Sewer Utility System For Northwest Area. The following connection fees for the storm water sewer utility system also known as the storm water system are hereby imposed and required to be paid with respect to land within the Northwest Area:

Fees Payable At Time of Plat (Northwest Area)

The following fees must be paid by the landowner when the property is subdivided or the property is platted or a building permit is obtained, whichever occurs first.

The fees are not payable for outlots if the property is being platted as an agricultural planned unit development.

Storm Water Plat Connection Fee (Northwest Area)	
In the R-1 and R-2 and R-3A Zoning Districts	\$9,860 \$10,355 per acre multiplied by the Net Developable Area
In the R-3B and R-3C Zoning Districts	\$10,090 \$10,595 per acre multiplied by the Net Developable Area
In the B-1 and Office Park Zoning Districts	\$11,325 \$11,890 per acre multiplied by the Net Developable Area
In the B-2, B-3 and B-4 Zoning Districts	\$11,045 \$11,565 per acre multiplied by the Net Developable Area
In the I-1, I-2 and I-Office Park Zoning Districts	\$10,740 \$11,245 per acre multiplied by the Net Developable Area
In the P-Institutional Zoning District	\$10,090 \$10,595 per acre multiplied by the Net Developable Area
In the Mixed Use - Residential Zoning District	\$10,090 \$10,595 per acre multiplied by the Net Developable Area
In the Mixed Use - Commercial Zoning District	\$10,740 \$11,245 per acre multiplied by the Net Developable Area

H. Outlots. With respect to calculating the fees payable at the time of platting, the acreage within the outlots that are intended to be replatted into buildable lots at a later date shall not be included within the calculations. When the acreage within the outlots are subsequently replatted into buildable lots, the fees for such acreage shall then be paid at the time of the replat.

Section 2. Amendment No. 2. Inver Grove Heights City Code Title 3, Chapter 4, Section 3-4-2-3 is hereby amended in its entirety to read as follows:

3-4-2-3: SANITARY SEWER AND WATER TRUNK AREA ASSESSMENTS: With respect to special assessments under Chapter 429 of the Minnesota Statutes, the assessments rolls for sanitary sewer and water trunk lines shall initially be calculated using the following per acre assessment amounts for trunk line area benefit.

~~\$3,695~~ **\$3,825** per acre for water trunk line area benefit

~~\$3,695~~ **\$3,825** per acre for sanitary sewer trunk line area benefit

The Council may adjust the assessment roll and special assessments after public hearing pursuant to Minn. Stat. § 429.061 and the Council shall determine the final assessment roll and special assessments by resolution.

Section 3. Amendment No. 4. Inver Grove Heights City Code Title 3, Chapter 4, Section 10-3-8 is hereby amended to read as follows:

B. Fee Amounts and Escrow Deposit: The city may require that applicants deposit in escrow with the city, together with the application filing fees, the sums required by the city toward prepayment of the attorney, planning and engineering costs. The prepayment amounts shall be a credit toward the fees for the attorney, planning and engineering and other professional consultant fees to be reimbursed by the applicant. All such fees, if not paid by the escrow, shall be paid by the applicant within sixty (60) days of final action on the matter by the city council. If such fees are less than the escrowed amount, such escrow will be returned to the applicant within sixty (60) days of the final action on the matter by the city council. The following escrow amounts shall be deposited, together with land use approval applications: (Ord. 1098, 11-8-2004)

TYPE OF LAND USE APPROVAL	BASE FEE	GIS FEE	ESCROW
Conditional Use Permit, single family residential	\$250		\$0
Conditional Use Permit, other	\$500		\$1,250
Conditional Use Permit, other – amendment	\$150		\$500
Comprehensive Plan Amendment	\$500	\$50	\$2,500
Comprehensive Plan Amendment - minor	\$200		\$250
Zoning Code Amendment	\$500		\$500
Zoning Code Amendment – minor	\$100		\$250
Rezoning	\$500	\$50	\$0 \$500
Variance - Residential	\$200		\$0
Variance - Commercial	\$200		
Planned Unit Development Preliminary	\$1,000 + plat fees		\$5,000
Final	\$500		\$2,500
Planned Unit Development Amendment	\$250		\$1,000
Determination of Substantially Similar Use	\$200		\$200
Major Site Plan Review	\$500		\$1,500 \$2,000
Preliminary Plat	\$250/+ \$5 per lot		\$3,000
Final Plat – single family	\$350	\$25/lot	\$500 \$2,000
Final Plat - other	\$200	\$100/acre	\$3,000
Waiver of Plat	\$300	\$25	
Administrative Subdivision	\$100	\$25/lot	
Street Easement Vacation	\$150	\$50	\$250
Street Dedication	\$150	\$50	
Wetland Conservation Act Certification	\$75		
Wetland Replacement Plan	\$200	\$100/acre	\$2,500

Northwest Area Sketch Plan Review			\$1,000
Northwest Area Environmental Studies Fee	\$80/gross acre		
Abstract Fee	\$46		
Interim Use Permit	\$500		\$1,250
Non Conforming Use Certificate	\$500		\$1,250

(Ord. 1180, 12-10-2007)

Section 4. Effective Date. This Ordinance shall be in full force and effect from and after its passage and publication according to law.

Passed this 26th day of November, 2012.

George Tourville, Mayor

ATTEST:

Melissa Kennedy, Deputy City Clerk