

**City of Ramsey**  
**Agenda**  
**Public Works Committee**  
**Tuesday March 15, 2011**  
**5:30 pm**  
**Lake Itasca Room, 7550 Sunwood Drive NW**

1. **Call to Order**
2. **Citizen Input**
3. **Approve Agenda**
4. **Approve Minutes**
  1. Approve Regular Meeting Minutes Dated February 15, 2011
5. **Committee Business**
  1. Consider Agreement with Minnesota Pollution Control Agency regarding Ambient Groundwater Quality Monitoring Wells
  2. Consider Policy for the Disposition of Surplus Wood and Tree Waste
  3. Update on Retro Fitting of Public Works Lighting
  4. Discuss Trail Construction in Conjunction with an Overlay to Alpine Drive near Alpine Park
6. **Committee/Staff Input**

**Review CSAH5 - Nowthen Boulevard Reclaim and Overlay**
7. **Adjournment**

**Public Works Committee**

**Item #: 4. 1.**

**Date: 03/15/2011**

By: MaryJo Warner  
Engineering/Public Works

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Information

Title:

Approve Regular Meeting Minutes Dated February 15, 2011

Background:

N/A

Notification:

Observations:

Funding Source:

N/A

Staff Recommendation:

Committee Action:

Approve Minutes

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Attachments

Feb PW minutes

Form Review

**Inbox**

Tim Himmer

Brian Olson

Kurt Ulrich

Form Started By: MaryJo Warner

Final Approval Date: 03/10/2011

**Reviewed By**

Tim Himmer

Brian Olson

Jo Thieling

**Date**

03/09/2011 09:33 AM

03/09/2011 10:15 AM

03/10/2011 10:32 AM

Started On: 03/07/2011 04:18 PM

**PUBLIC WORKS COMMITTEE  
CITY OF RAMSEY  
ANOKA COUNTY  
STATE OF MINNESOTA**

The Public Works Committee conducted a regular meeting on Tuesday, February 15, 2011, at the Ramsey Municipal Center, 7550 Sunwood Drive NW, Ramsey, Minnesota.

Members Present:                   Chairperson Colin McGlone  
  Commissioner Randy Backous  
  Commissioner David Elvig

Members Absent:                   None.

Also Present:                      City Administrator Kurtis G. Ulrich  
  Public Works Director Brian Olson  
  City Engineer Tim Himmer  
  Utilities Supervisor John Nelson  
  Development Manager Darren Lazan  
  Councilmember David Jeffrey  
  Councilmember Bob Ramsey  
  Councilmember Jason Tossey  
  Councilmember Jeffrey Wise

**CALL TO ORDER**

Chairperson McGlone called the regular meeting of the Public Works Committee to order at 5:40 p.m.

**CITIZEN INPUT**

There was none.

**APPROVE AGENDA**

Motion by Commissioner Elvig, seconded by Commissioner Backous, to approve the agenda as submitted.

Motion carried. Voting Yes: Chairperson McGlone, Commissioners Elvig and Backous.  
Voting No: None. Absent: None.

**APPROVE MINUTES**

Motion by Commissioner Backous, seconded by Commissioner Elvig, to approve the minutes from the January 18, 2011, Public Works Meeting.

Motion carried. Voting Yes: Chairperson McGlone, Commissioners Backous and Elvig.  
Voting No: None. Absent: None.

## **COMMITTEE BUSINESS**

### **Case #5.1 Overview of the Utility Department SCADA System**

Utilities Supervisor Nelson reviewed the staff report.

Commissioner Elvig asked how thick the ice can get.

Utilities Supervisor Nelson said he has heard of the ice getting six feet thick, though that is in extreme climates. He did not think the climate here is cold enough to create ice that thick.

Commissioner Elvig questioned whether there is a constant evolution of the water.

Utilities Supervisor Nelson explained there is a control that automates this, and demonstrated how the water fluctuates. He indicated there are alerts built into the SCADA system and discussed the events that would trigger an alarm.

Public Works Director Olson commented there is a manual check daily to be sure there are ample chemicals in the tanks. If there is a chemical leak, the alarm will be set off.

Commissioner Elvig questioned what the security override is.

Utilities Supervisor Nelson responded the system is password protected, and the keys to the pump house are kept by Staff. If this system fails, there is a backup system that will send a notification if there was a computer crash. In addition, there is another computer as backup.

Public Works Director Olson noted it is a "rock solid" system and if an employee were to leave the City, passwords would be changed.

Chairperson McGlone asked if this is tied into the wellhead protection.

Utilities Supervisor Nelson answered it is the reason for the wellhead protection.

### **Case #5.2 Overview of the 2011 Street Maintenance Program**

City Engineer Himmer reviewed the staff report.

Chairperson McGlone noted there was a lot of curb damage last year, leaving less in the budget to work with this year. He wanted to be sure the resources were not exceeded. He questioned what funds would be used for pothole repair since MSA funds are depleting.

Public Works Director Olson explained that pothole repair would come from the General Fund.

Discussion took place regarding locations of large potholes. Public Works Director Olson agreed to look at them.

City Engineer Himmer recommended his intent be added to next month's Consent Agenda with the feasibility study and to call a public hearing.

Motion by Commissioner Elvig, seconded by Commissioner Backous, to recommend that the City Council direct staff to prepare feasibility study for the 2011 Street Maintenance Program and schedule a public open house.

Motion carried. Voting Yes: Chairperson McGlone, Commissioners Elvig and Backous. Voting No: None. Absent: None.

**Case #5.3 Consider Change Order for City Improvement Project #10-32; 176<sup>th</sup> Avenue Culvert**

City Engineer Himmer reviewed the staff report.

Chairperson McGlone asked what material was used for the culvert.

City Engineer Himmer responded it was corrugated metal, 42 inch. The road is 28 feet wide.

Public Works Director Olson noted it was a hole the Staff was replacing annually.

Chairperson McGlone commented the assumptions made by Staff were not accurate enough, and this happens repeatedly. He asked if bidding should be done in another manner or more borings should be conducted to assure accuracy.

City Engineer Himmer explained the boring wasn't done in the middle of the road.

Commissioner Elvig asked if the boring could be angled for a better reading.

City Engineer Himmer explained the boring could be done at an angle, though it doesn't help to know the depth at that spot. He noted that if the money is going to be spent to do borings that may not be accurate, it could just as easily be spent to do the repair.

Public Works Director Olson explained the borings that were done indicated 5 – 6 feet of muck on either side of the road. If there would have been a large discrepancy on either side of the road, there would have been a reason to explore with additional borings. Staff gave the best estimate for use in bidding.

Discussion took place on the bidding process and how to ensure the accurate bidding.

Motion by Commissioner Elvig, seconded by Commissioner Backous, to recommend that the City Council approve the change order for Improvement Project #10-24; 176th Avenue culvert replacement, in the amount of \$20,395.56.

Motion carried. Voting Yes: Chairperson McGlone, Commissioners Elvig and Backous. Voting No: None. Absent: None.

#### **Case #5.4 Consider Engineering Services Request for Proposals**

City Engineer Himmer reviewed the staff report.

Councilmember Elvig commented this proposal makes sense, noting Staff has relationships with people that have a history in the City. He asked that the same protocol is followed no matter what the project is.

City Engineer Himmer agreed and stated he could email the consultants in this “pool” for their schedule and cost, and basically it would come down to the cost as the deciding factor. The background would have already been reviewed.

Councilmember Tossey questioned what would this “pool” consist of.

City Engineer Himmer answered the biggest use would be for drafting. Though the City has two drafters, one has multiple responsibilities and it is difficult for Staff to complete some of the larger projects. The “pool” could be used for feasibility studies, general municipal engineering, land surveying and structural ability.

Public Works Director Olson explained the large projects, such as the parking ramp, would be an RFP as that is specialized help.

Chairperson McGlone inquired how the City’s contract with Landform fits in.

City Administrator Ulrich stated it relates to the fact that there is language in Landform’s contract that the City will use them, if possible. Landform would have the first right of refusal.

City Engineer Himmer noted Landform is not precluded from anything and if it is a development issue, Staff would lean toward Landform for the work.

Chairperson McGlone raised the issue of the City owning its own information, and it needs to be in a format Staff can open and use.

Motion by Commissioner Elvig, seconded by Commissioner Backous, to recommend that the City Council authorize staff to distribute an RFP for engineering services in an effort to build a specialized pool of three to five consultants for a term of three years to utilize, as necessary, for overflow work.

Further discussion: There was discussion on the types of work that would be requested from the consultants.

Chairperson McGlone requested a friendly amendment to include language stating the information would be owned by the City and presented in a format the City can use and manipulate. Commissioners Elvig and Backous accepted this friendly amendment.

Motion carried. Voting Yes: Chairperson McGlone, Commissioners Elvig and Backous. Voting No: None. Absent: None.

#### **Case #5.5 Consider Roadway Modifications at TH10 & Feldspar Street NW**

City Engineer Himmer reviewed the staff report.

Chairperson McGlone requested accident data.

City Engineer Himmer stated there have been 20 accidents at this intersection since 2000. There were 8 accidents in 2008 and the average number of accidents per year going back to 2005 is 4. He also noted the list of citations issued.

Chairperson McGlone suggested this data doesn't meet any kind of warrant.

City Engineer Himmer noted it is a confusing turn for motorists. If drivers can use turn lanes, a lot of the issues will be eliminated.

Chairperson McGlone noted there are roads in the City with worse data. This is the State's issue and the complaints should be forwarded to the State.

City Engineer Himmer explained the issues have been forwarded to the State, which is where this proposal came from, to complete the improvement in 2015.

Councilmember Elvig suggested the schedule be moved up, though he would prefer the money not be spent. He said he thought MnDOT wanted to close these types of medians. Councilmember Elvig stated he does not want access to Highway 10 until this intersection is repaired and doesn't want to wait a long time. He would like to see improvements for safety and noted this is a better offer than what was proposed.

Chairperson McGlone stated he is satisfied to wait for MnDOT's schedule, noting it is the State's road and they should spend the money on it.

Councilmember Tossey indicated there could be an opportunity to advance the project, and if that is the case, the City should take advantage of it.

Public Works Director Olson stated he will ask the State to do the improvements faster, noting that the City will not put money into it.

Motion by Chairperson McGlone, seconded by Commissioner Elvig, to recommend that the City Council request that MnDOT advance the project sooner with State funding and no City funding.

Motion carried. Voting Yes: Chairperson McGlone, Commissioners Elvig and Backous. Voting No: None. Absent: None.

**Case #6: Update on Retro Fitting of Public Works Lighting**

Public Works Director Olson reviewed the staff report.

Rob Schiller, Ready Watt Electric, explained the cost of using LED would be 25% less than fluorescent in usage. However, the replacement cost would be a larger savings due to the low maintenance. However, fluorescent bulbs have a significantly shorter life span.

Councilmember Elvig asked whether it shortens the life of LED lights to turn them on and off.

Mr. Schiller responded the fluorescent bulbs are better for that.

Motion by Commissioner Elvig, seconded by Commissioner Tossey, to recommend to City Council approval of the retro fitting project and approve contracting with AID Electric for the installation.

Further discussion: Commissioner Tossey inquired if the parameters were the same for all the company's quotes. Public Works Director Olson answered they were the same. The companies were asked to replace the ballast and fixtures. Mr. Schiller commented he discovered his bid is higher than others, though he found discrepancies with other proposals. Because their bids are a matter of public record, he compared the bids. Mr. Schiller detailed the discrepancies he noticed with the quote on fluorescent lighting and pointed out the difference in dollar amounts. There was no debate on whether another fluorescent quote would be accepted. Public Works Director Olson indicated the specific direction from the Council was to obtain an LED quote. Chairperson McGlone noted Mr. Schiller gave a quote and did his homework to find discrepancies in the other quotes. This is public information and if there are discrepancies, Staff needs to get to the bottom of it. Public Works Director Olson stated he will research the discrepancies. He recommended the Public Works Committee delay this item until he can determine the facts.

Substitute motion by Commissioner Elvig, seconded by Commissioner Tossey, to table this item until the next Public Works Committee meeting.

Further discussion: Councilmember Elvig asked when this would come back to the Committee. City Administrator Ulrich said it will be postponed to the March Public Works Committee meeting.

Motion carried. Voting Yes: Chairperson McGlone, Commissioners Elvig, Tossey, Backous, Jeffrey, Ramsey, and Wise. Voting No: None. Absent: None.

## **COMMITTEE/STAFF INPUT**

None.

## **ADJOURNMENT**

Motion by Commissioner Tossey, seconded by Commissioner Elvig, to close the regular meeting of the Public Works Committee.

Motion carried.

The regular meeting of the Public Works Committee adjourned at 6:54 p.m.

Respectfully submitted,  
Brian Olson  
Public Works Director

Drafted by Chris Moksnes  
*TimeSaver Off Site Secretarial, Inc.*

**Date: 03/15/2011**

By: Brian Olson  
Engineering/Public Works

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Information

Title:

Consider Agreement with Minnesota Pollution Control Agency regarding Ambient Groundwater Quality Monitoring Wells

Background:

On February 10, 2010 Staff received a request from the Minnesota Pollution Control Agency (MPCA) to consider allowing the use of City owned property to install monitoring wells so they could improve their Ambient Groundwater Quality Monitoring Network. This monitoring well program is part of a network designed to provide long-term information about Minnesota's groundwater quality. It is the MPCA's intention to maintain these monitoring wells and to monitor them indefinitely.

Attached to this case is a presentation that explains the program as well as an access agreement that would allow MPCA Staff or their environmental consultant to enter onto the said premises for well construction and monitoring activities.

There will be 2 members of Peer Environmental, (MPCA environmental consultant) available at the meeting if there are questions relating to the purpose of the program.

Notification:

Observations:

Over the years, Staff has received numerous requests for information regarding groundwater levels. Whether that is a resident reacting to a construction project that requires dewatering or from another agency such as the Watershed Management Organization, this information would be helpful and could even reduce the amount of money spent in the future. Since the MPCA will provide copies of the results of all sampling conducted on the Property, any improvement of this network will also allow the establishment of a baseline of groundwater table information.

As mentioned in the access agreement, termination can be achieved within 60 days notice by either party. The Property Owner understands that, should either party decide to terminate this agreement, state law requires proper closure of the well. The MPCA will be responsible for all costs and activities associated with closure of the monitoring well. The Property Owner agrees and understands that, to close the well, it will be necessary to provide access to the MPCA for the purpose of well closure, and the Property Owner hereby agrees to provide that access, conditioned only on 48 hours written notice.

There are three sites that the MPCA has designated as appropriate for these monitoring wells. (See attachments). Two of them are located in underutilized park spaces and one of them is in an industrial area. Staff has internally discussed these sites and feel that the sites on the park properties are generally acceptable but the site shown on the industrial property should be located in the NW corner. Staff does not believe that these installations would not affect the use of these parcels nor the potential resale of these properties and therefore have recommended approval of the access agreement subject to the review and approval by the City Attorney.

Funding Source:

There is no funding necessary for this action.

Staff Recommendation:

Staff recommends approval of the access agreement subject to the review and approval by the City Attorney.

Committee Action:

Motion to recommend to the City Council approval of the access agreement subject to the review and approval by the City Attorney.

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Attachments

access agreement

Fact sheet

Program presentation

Well #67 - Rabbit

Well #69 - Traprock

Well #75 - industrial

Form Review

**Inbox**

Kathy Schmitz

Kurt Ulrich

Form Started By: Brian Olson

Final Approval Date: 03/10/2011

**Reviewed By**

Kathy Schmitz

Kurt Ulrich

**Date**

03/09/2011 10:07 AM

03/10/2011 01:44 PM

Started On: 03/08/2011 09:32 AM

## **MPCA PROPERTY ACCESS AGREEMENT WITH**

\_\_\_\_\_  
(Property Owner)

1. Purpose of Agreement. The Minnesota Pollution Control Agency (MPCA) is enhancing its ambient groundwater monitoring network in Minnesota. The attached fact sheet describes this groundwater monitoring network (“network”), which will help provide information about the quality of Minnesota’s groundwater and identify trends in water quality. The MPCA is assessing groundwater in this region. As part of the groundwater assessment, the MPCA is installing wells to obtain water samples for analysis.
2. Parties. This agreement is between the MPCA and \_\_\_\_\_ (the “Property Owner”), who owns property located at \_\_\_\_\_ (the “Property”) where the MPCA would like to install a monitoring well. The MPCA is authorized to enter any property, public and private, for the purpose of conducting surveys under Minn. Stat. §§ 115.04, subd. 3.
3. Consent to access. The “Property Owner” hereby consents to participation in the network and authorizes the MPCA, its employees and agents, to enter the Property for the purpose of:
  - 1) installing a permanent groundwater monitoring well at the location shown on attachment 1; and
  - 2) collecting groundwater samples from the monitoring well according to the schedule set forth below.
4. Notice. The MPCA will notify the Property Owner of the name of the environmental consulting firm that will be managing the monitoring well installation at least two weeks before the installation.
5. Location of well. The MPCA’s consultant will coordinate the monitoring well installation with the Property Owner to ensure that a mutually agreeable location on the Property is identified.
5. Permits, required actions. The MPCA will be responsible for obtaining all permits and providing notices to utilities related to the installation. The MPCA’s consultant will coordinate all contractors involved in installation, including locating all utilities prior to well installation and completing all Minnesota Department of Health permits required to install the well.
6. Well installation. The Property Owner understands and agrees that the well installation will require three separate site visits. All buried utilities will be located during the first site visit. This will take approximately 1-2 hours to complete and will be done prior to the well installation. The well will be drilled during second site visit, which will take approximately one working day to complete. The well will be prepared for water sample collection during the final site visit. These preparations involve pumping water from the well and monitoring its quality. These activities will take one-half day to complete and will be performed no sooner than 24 hours after well installation.
7. Sampling; notice of sampling. After installation, the MPCA will sample the monitoring well once a year. Sampling will involve pumping water from the well, collecting field measurements of the water, and collecting samples for later laboratory analysis. Sampling will take between 1 to 2 hours to complete. The MPCA or its consultant will notify the Property Owner at least 48 hours before entering the Property for the purpose of well installation or sampling.
8. Hours of work. All work under this access agreement will be conducted during regular business hours (8:00 AM to 5:00 PM) unless the MPCA or its consultant receives written permission by the owner or his/her agent to conduct work during different hours.

9. Disturbance of property. The well installation and sampling will be performed by the MPCA in a manner which minimizes interference with the Property Owner's use of the Property. If the MPCA's activities disturb any portion of the Property, the MPCA will restore the property to as close to its original condition as is reasonably possible under the circumstances.

10. Property Owner responsibilities. The Property Owner agrees to take reasonable precautions to insure that the equipment of the MPCA or its agents that is located on the Property, and any monitoring wells that are located on the Property, are not damaged and that the work being conducted by the MPCA, its employees and agents is not disrupted.

11. Sampling results. Upon request, the MPCA shall provide copies of the results of all sampling conducted on the Property to the Property Owner after test validations. The data collected from the monitoring well on the Property will be public information.

12. Liability. The MPCA will be liable for injury to or loss of property or personal injury or death caused by any act or omission of any employee of the State of Minnesota in the performance of the work described above, under circumstances where the State of Minnesota, if a private person, would be liable to the claimant, in accordance with Minn. Stat. § 3.736.

13. Termination. This monitoring well is part of a network designed to provide long-term information about Minnesota's groundwater quality. It is the MPCA's intention to maintain this monitoring well and to monitor it indefinitely. This agreement, however, can be terminated by either party (MPCA or Property Owner) with 60 days written notice to the other party. The Property Owner understands that, should either party decide to terminate this agreement, state law requires proper closure of the well. The MPCA will be responsible for all costs and activities associated with closure of the monitoring well. The Property Owner agrees and understands that, to close the well, it will be necessary to provide access to the MPCA for the purpose of well closure, and the Property Owner hereby agrees to provide that access, conditioned only on 48 hours written notice.

14. Sale of Property. If the Property Owner sells the Property, the Property Owner agrees that it shall notify the buyer of this access agreement and provide the MPCA with notice and an opportunity to reach agreement with the buyer under which continued access for sampling will be allowed.

MINNESOTA POLLUTION CONTROL AGENCY

PROPERTY OWNER

\_\_\_\_\_  
Glenn Skuta  
Manager, Water Monitoring Section

\_\_\_\_\_  
Signature

Date: \_\_\_\_\_

Date: \_\_\_\_\_



Minnesota  
Pollution  
Control  
Agency

# Enhancing Ambient Groundwater Quality Monitoring in Minnesota

## For the Clean Water Land and Legacy Amendment

Water Quality/Ambient Monitoring #1.05 • December 2009

### For More Information

For additional information about the MPCA's ambient groundwater quality monitoring network, contact the MPCA's Ambient Groundwater Monitoring Coordinator in the Environmental Analysis and Outcomes Division at 651-296-6300 or 800-657-3864.

**G**round water provides drinking water to about 75 percent of Minnesotans and contributes water to stream, rivers, lakes, and wetlands. The Minnesota Pollution Control Agency (MPCA) monitors the quality of our groundwater and protects it from contamination in cooperation with other state and local agencies.

### What Is Ambient Monitoring?

Ambient monitoring is one important component of the MPCA's groundwater protection efforts. Data collected from ambient monitoring activities provide information about the general quality of Minnesota's groundwater and helps identify whether the quality is getting better, worse, or not changing. Ambient monitoring involves the sampling of groundwater across large geographic settings and provides a large-scale or "big picture" view of groundwater quality conditions across the state. Ambient monitoring is not conducted where there is known contamination.

### How Is This Information Used?

Data collected from MPCA ground water investigations is valuable to drinking water protection efforts. This data informs the state's drinking water supply protection efforts, identifies threats to groundwater quality, and guides the development of best management practices to avoid future groundwater impacts. These data are available on-line through the MPCA's Environmental Data Access system.

### MPCA's Ambient Groundwater Monitoring Network

The MPCA's ambient monitoring network focuses on determining the amount of non-agricultural chemicals in the aquifers that are most susceptible to pollution from human activities. The network focuses on the surficial

sand and gravel and Prairie du Chien-Jordan aquifers. Both of these are heavily used for drinking water. Assessments of agricultural chemicals are performed by the Minnesota Department of Agriculture.

A network of shallow wells tapping the water table is monitored by the MPCA as an early warning network in the surficial sand and gravel aquifers. Groundwater near the water table typically is not used as a source of potable water supplies and likely does not reflect the quality of water people are consuming, but any changes in groundwater quality will be detected first in these wells. The early warning network detects whether human activities may be affecting groundwater quality.

The MPCA is enhancing its early warning network to improve the assessment of groundwater quality conditions and trends across the state. The agency will be installing additional monitoring wells and focuses on typical urban land use settings. The newly-constructed wells will be sampled annually for non-agricultural chemicals.

### Clean Water Land and Legacy Amendment

Enhancements to the MPCA's ambient groundwater quality monitoring network are funded through the Clean Water, Wildlife, Cultural Heritage and Natural Areas Amendment. On November 4, 2008, Minnesota voters approved this amendment which increased the sales and use tax rate by three-eighths of one percent on taxable sales through 2034. Part of these funds are used to protect, enhance, and restore the groundwater, with at least five percent of the funds targeted to protect drinking water source.

**PROPOSED WELL #67**

**COUNTY:** Anoka

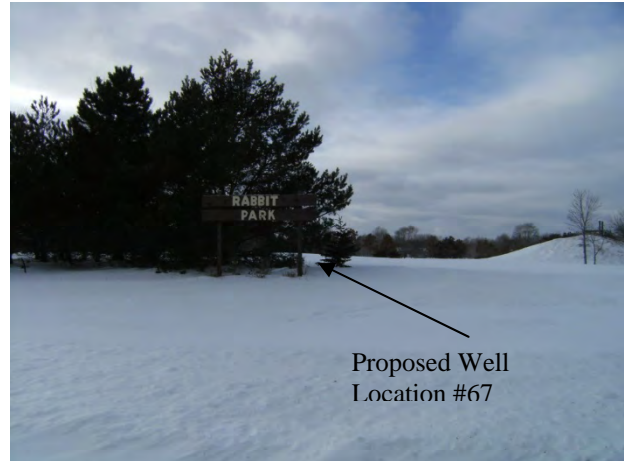
**LOCATION:** Rabbit Park  
17440 Rabbit Street NW  
Ramsey, MN

**LATITUDE:** -93.488630

**LONGITUDE:** 45.287566

**DESIRED LAND USE:**

Residential Un-Sewered Area



Photograph looking W at the proposed well location behind sign and pine trees in the SE corner of the park

**Current Land Use:**

The proposed well location is in Rabbit Park. The neighborhood park includes a playground area, sledding hill and open land. The proposed well is in the southeast corner of the park behind the sign and pine trees. The land use within 500 meters of the well location is approximately 90% residential un-sewered and 10% park area and undeveloped land.

**Hydrogeology:**

- **Surface Elevation:** 910 ft
- **Soil Type:** Sand and gravel
- **Glacial Setting:** Postglacial
- **Sediment Type:** Calcareous
- **Groundwater Elevation/Depth:** 888 ft /22 ft bgs
- **Groundwater Flow:** South - Southeast
- **Bedrock Formation:** Eau-Claire
- **Bedrock Elevation/Depth:** 700 ft / 210 ft bgs

**Property Owner:**

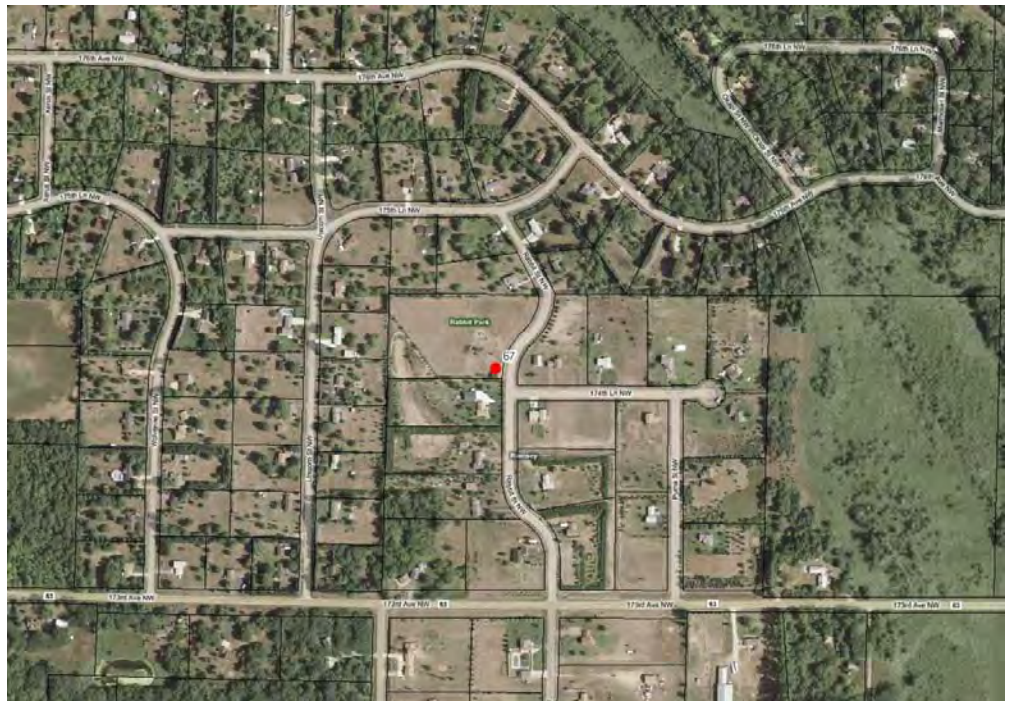
City of Ramsey

**Property Accessibility:**

The proposed well location is easily accessible from Rabbit Street NW.

**Comments:**

- Access agreement pending
- Proposed well location in bedrock valley



**PROPOSED WELL #69**

**COUNTY:** Anoka

**LOCATION:** Trap Rock Park  
Variolite Street NW  
Ramsey, MN

**LATITUDE:** -93.459537

**LONGITUDE:** 45.255598

**DESIRED LAND USE:**  
Residential Un-Sewered Area



Photograph looking E at the proposed well location on the W side of Trap Rock Park

**Current Land Use:**

The proposed well location is in Trap Rock Park. The park is open, undeveloped land. The proposed well is on the northwest side of the park, along the northern tree line of the park. The land use within 500 meters of the well location is approximately 90% residential un-sewered and 10% park area and undeveloped land.

**Hydrogeology:**

- **Surface Elevation:** 900 ft
- **Soil Type:** Sand and Gravel (terrace deposits)
- **Glacial Setting:** Post glacial
- **Sediment Type:** Calcareous
- **Groundwater Elevation/Depth:** 865 ft /35 ft bgs
- **Groundwater Flow:** South
- **Bedrock Formation:** St. Lawrence - Franconia
- **Bedrock Elevation/Depth:** 750 ft / 150 ft bgs

**Property Owner:**

City of Ramsey

**Property Accessibility:**

The proposed well location is easily accessible from Variolite Street NW.

**Comments:**

Access agreement pending



**PROPOSED WELL #75**

**COUNTY:** Anoka

**LOCATION:** 6590 141<sup>st</sup> Avenue NW  
Ramsey, MN

**LATITUDE:** -93.434126

**LONGITUDE:** 45.227005

**DESIRED LAND USE:**

Commercial / Industrial



Photograph looking N from 141<sup>st</sup> Avenue NW at the proposed well location in the NE corner of the vacant lot

**Current Land Use:**

The proposed well location is a vacant lot owned by the City of Ramsey. The proposed well is in the northeast side of the vacant parcel. The building in the air photograph no longer exists. The land use within 500 meters of the well location is approximately 95% commercial / industrial, 5% residential sewered and road right of way.

**Hydrogeology:**

- **Surface Elevation:** 870 ft
- **Soil Type:** Sand and Gravel
- **Glacial Setting:** Post glacial
- **Sediment Type:** Calcareous
- **Groundwater Elevation/Depth:** 850 ft/ 20 ft bgs
- **Groundwater Flow:** South
- **Bedrock Formation:** St Lawrence - Franconia
- **Bedrock Elevation/Depth:** 750 ft / 120 ft bgs

**Property Owner:**

City of Ramsey

**Property Accessibility:**

The proposed well location is easily accessible from 141<sup>st</sup> Avenue NW.

**Comments:**

Access agreement pending



Date: 03/15/2011

By: Mark Riverblood  
Engineering/Public Works

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Information

Title:

Consider Policy for the Disposition of Surplus Wood and Tree Waste

Background:

On a semi-regular basis the Public Work's Department removes trees in the city's ROW and on public property and either leaves the firewood for an adjoining homeowner or brings the wood with brush to the city's shop for disposal. Additionally, in some years when the city has experienced significant Storm events, park spaces have been open to the public for dumping large volumes of tree debris.

In the latter case of a city-wide storm Council has determined the manner and funding of the wood and brush disposal as needed (which can vary from 0 dollars to 10's of thousands). The purpose of this case is to develop a policy for handling the disposal of those wood wastes (saw logs and firewood suitable material) that have monetary value, such that it is fair, transparent, and may yield a small amount of revenue for the city.

It should be noted here, that in most cases, the volume being discussed may be equivalent to a pick up truck full of low-grade firewood every month or so on average. However, occasionally there can be a tree or a number of hardwood trees to be removed that may equate to a few hundred dollars in firewood or saw log value.

It should further be noted as background information that the policy this case proposes, is not intended to address diseased tree materials that can be a hazard to sell or relocate (or illegal), nor does it address brush, stumps, or other woody debris that does not have identifiable monetary value.

Notification:

Observations:

The proposed policy would be that: *Pubic Works separate any desirable wood in either saw log lengths of 100" inches and any firewood suitable material into two piles at the Public Works Campus, and when there is sufficient volume, that this be 'let for quotes' to the highest quote received.*

At the time the city first has enough material, a notification would be issued on the web site and Ramsey Resident calling attention to this first sale, and also offering the public the ability to sign up to be \*e-mail notified in the future when additional wood is available.

The following bullets would be relate to the above 'policy' for disbursement of wood wastes:

- \*The city may use any manner of notification when there is wood available to be bid on, however at a minimum, an e-mail list is believed to be most cost effective.
- If sufficient volume develops of either or both saw logs an firewood, the two piles may be bid on separately (sealed quotes received at the 'front desk') - but normally the two would be bid on as one unit.
- A stipulation on bidding is that chain saws may not be used on city property whatsoever, the bidder must remove all wood bid on, and that all material must be removed in a timely period (probably two weeks, encompassing three weekends); and that no city equipment be used for loading, unless it was clearly in the city's interest to do so (which would be determined in advance, and made known to the persons quoting, that this was an option). The intention is that the firewood suitable wood would be cut into 'hand-able lengths - and not into 'firewood' ready material.

- This woody material, as it was not purchased, would not be subject to the need to be declared surplus material for sale by City Council.
- That persons bidding sign a 'hold harmless' waiver as part of issuing their quote.
- That the City may withhold from this disbursement process hardwoods for preparing quality woodchips for municipal use, for sale, or to give away to residents at the discretion of the City.
- That this policy may be amended by City Council at any time.

Funding Source:

Funding is not required for implementation of this policy; and **it is estimated that this may generate between \$50 to \$1,000 on an average per year for the city's General Fund**. Further, these monies may be thought about in the context of defraying some of the costs to chip brush, that is made available free to the public, or is occasionally used as mulch or soil enhancements for city purposes.

Staff Recommendation:

Staff recommends implementing the above policy with stipulations noted; and will bring back any significant changes for consideration if it is found that it may be improved upon.

Committee Action:

Motion to recommend City Council approval of the Policy for the Disposition of Surplus Wood and Tree Waste

Form Review

Inbox	Reviewed By	Date
Grant Riemer	Grant Riemer	03/09/2011 08:50 AM
Brian Olson	Brian Olson	03/09/2011 09:56 AM
Kurt Ulrich	Kurt Ulrich	03/10/2011 01:44 PM
Form Started By: Mark Riverblood		Started On: 03/08/2011 12:53 PM
Final Approval Date: 03/10/2011		

**Date: 03/15/2011**

By: Brian Olson  
Engineering/Public Works

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Information

Title:

Update on Retro Fitting of Public Works Lighting

Background:

At the January 18th Public Works Committee meeting, staff presented a proposal from AID Electric to retro fit the lighting at the Public Works campus (this was the apparent low quote from the three quotes we received before that meeting). This proposal calls for replacing the current fixtures (metal halide and T12 fluorescents) with T-8 fluorescent bulbs and ballasts, with motion sensors attached to some of the fixtures.

The direction received at that January PW Committee meeting was to research LED lighting. Attached to this case is a graph that runs through the lifespan of LED versus fluorescents versus doing nothing.

**LED option**

*Advantages*

Lower annual maintenance costs  
Lower electric usage than fluorescents or MH  
Rebate is available (\$4768)  
Bulb lifespan ~100,000 hours

There really is only one disadvantage of an LED system and that is the upfront capital cost. Rob and Jonathan Rice of Titan LED came out and inspected the buildings and gathered information for the quote. The initial quote to retro fit with LED lighting is \$47,316.32. Connexus energy would offer an estimated rebate of \$4,768.40, bringing the total cost of the project to \$42,547.92.

**Flourescents Option**

*Advantages*

Lower annual electric costs than the "do nothing" option  
Rebate is available (~\$4060)  
Upfront Cost is less than LED but more than "do nothing" option  
Bulb lifespan (~20,000 hours)

*Disadvantages*

Higher annual electric costs than the LED option  
Higher Upfront costs than the "do nothing" option  
Higher maintenance costs than LED option but lower than the "do nothing" option

**Do nothing option**

*Advantages*

Lower upfront capital costs (~\$2,000)

*Disadvantages*

Highest annual electric costs  
Highest maintenance and bulb replacement costs

Notification:

Observations:

Due to fact that there are 6 existing metal halide light fixtures that are currently in need of replacement, it has become apparent that something needs to happen. In light of the fact that there is such a large upfront cost of the LED option, Staff is recommending that that option be eliminated from the discussion at this time. As the technology becomes more cost effective there may be a time that it makes sense but that is going to be dictated by the market. We also appreciate going through the exercise that is depicted in the life cycle cost analysis spreadsheet. It has made it apparent that something should be done soon to control the annual electric costs.

That brings us to the two quotes for replacing the existing metal halide lighting fixtures with fluorescent light fixtures with motion sensors. There were two discrepancies that were mentioned during the February Public Works Committee. The first was the rebates. In discussions with Connexus (who will be available at the meeting to answer questions), there was one correction that needed to be made to the Aid quote. Any motion sensor that controls a bank of lights received a \$40 rebate as the Aid proposal indicated but any motion sensor that controls a single light only receives a \$5 rebate. That has been corrected in the attached revised proposal.

The second discrepancy that was discussed was the number of metal halide fixtures that needed to be replaced in the vehicle storage building. The Aid proposal had 14 and the Ready Watt proposal had 18. There are only 14 metal halide fixtures in the vehicle storage building and therefore the attached Ready Watt proposal was reduced by approximately \$1,000 to capture those savings. Additionally, there were 23 motion sensors that were included in the Aid proposal that Ready Watt would include in their not to exceed cost at no charge.

	Aid Electric	Ready Watt
Corrected Quotes	\$16,314	\$18,747
Connexus Rebate	\$ 4,066	\$ 4,054
Total Net cost	\$12,248	\$14,681

Funding Source:

Public Facilities Fund (the projected balance at the end of 2011 is approximately \$128,000.00)

Staff Recommendation:

Staff recommends that the Public Works Committee recommend to City Council approval of the project and approve contracting with AID Electric for the installation of the fluorescent option and that the Aid proposal be further modified to require disposal of all fixtures as described in the Vehicle storage building.

Committee Action:

Motion to recommend to the City Council approval of the project and approve contracting with AID Electric for installation of the flourescent option and that the Aid proposal be further modified to require disposal of all fixtures as described in the Vehicle storage building.

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### Attachments

[connexus letter](#)

[Corrected Aide quote](#)

[Corrected RW quote](#)

[life cycle](#)

### Form Review

**Inbox**

Brian Olson (Originator)  
Kurt Ulrich  
Form Started By: Brian Olson  
Final Approval Date: 03/10/2011

**Reviewed By**

Brian Olson  
Kurt Ulrich

**Date**

03/10/2011 03:02 PM  
03/10/2011 04:08 PM  
Started On: 03/09/2011



14601 Ramsey Boulevard  
Ramsey, Minnesota 55303  
763-323-2600  
Fax: 763-506-9541  
1-800-642-1672  
www.connexusenergy.com  
info@connexusenergy.com

Mr. Brian Olson  
City of Ramsey  
7550 Sunwood Dr NW  
Ramsey MN 5303-6140

March 3, 2011

Dear Brian,

I have reviewed the two lighting proposals that you have received for the Public Works Buildings lighting retrofits. The following are observations regarding these proposals:

Current light levels with existing lighting systems

	Measured	Recommended (IES)
Main Public Works Garage	10-20fc	Parking/Driving 10-50fc, Repair, 100fc
Vehicle Storage Building	8-10fc	Storage 5fc, Traffic Lane 10fc
Sign Utility Building	20-27fc	Parking - Entrance 10-50fc

Fixture Light Output

Existing - 400 Watt Metal Halide	17,250 Lumens (de-rated 50% light loss)
AID Electric - 6-Lamp T8	17,700 Lumens (2950 x 6)
Ready Watt Electric 6-LED-Tube	6,000 Lumens (1000 x 6)

Notes:

- The T8 fixtures will reduce the wattage by 232 watts per fixture from the 400W MH fixtures
- The rebate amounts on the AID proposal are accurate. *except motion sensors \$40 on quote → \$5 each 3/8/11*
- The rebate for an LED retrofit would be a custom rebate based on 35¢ per watt up to a maximum 50% wattage reduction. (13,434 x .35 = \$4,701.90)
- The Titan LED Website shows a recommended replacement for 400W MH as 105w to 180W LED. The Proposal from Ready Watt is for a 90W replacement (6 x 15w) See attached spec sheet
- The areas are not currently over lit so a reduction in light levels would be below recommended IES guidelines.

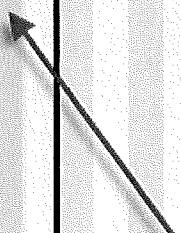
Sincerely,

Leo Offerman  
Utility Services Representative

# TITAN LED

"Changing the world one socket at a time"

Standard Lighting		LED Replacement	
CATEGORY	WATTAGE		WATTAGE
Incandescent	100w	INCANDESCENTS	10-15w LED
Incandescent	90w		9-12w LED
Incandescent	80w		8-12w LED
Incandescent	75w		7-10w LED
Incandescent	65w		6-9w LED
Incandescent	55w		5-9w LED
Incandescent	40w		3-7w LED
Incandescent	30w		3-6w LED
Incandescent	20w		2-4w LED
Halogen	50w		Halogens
Halogen	25w	3w LED	
Fluorescent 2'	16w	Fluorescent Tubes	8w LED
Fluorescent 3'	20w		12w LED
Fluorescent 4'	32w		15w LED
Fluorescent 4'	40w		15w LED
Fluorescent 8'	60w		34w LED
High Bays	250w	Metal Halide High Bays	60-105w LED
High Bays	400w		105-180w LED
High Bays	1000w		300w LED
Outdoor Luminaire	250w HPS	Outdoor Luminaires	105w LED
Outdoor Luminaire	400w HPS		180w LED
Outdoor Luminaire	250w MH		60-105w LED
Outdoor Luminaire	400w MH		105-180w LED
Street Light	100-150w		Street Lights
Street Light	150-250w	145w LED	
Street Light	250-400w	220w LED	
Street Light	400-1000w	300w LED	







1622 93<sup>rd</sup> Lane NE Blaine, MN 55449

**To: Grant Riemer - City of Ramsey**

**Pages: 2**

**Fax: 763-571-4735**

**Date: January 8, 2011**

**Phone: 763-571-7267**

**From: Brian Kovar**

**Re: Ramsey Public Works buildings**

**brian@aidelectriccorp.com**

Grant,

Please review the below scope of work per building

**Vehicle Storage Building: (same as competitive bid Alternate #1)**

- Replace 26 - 8', 2L T12 with 4 - T8 lamps and new ballast: (\$20.00 rebate each)
- Replace 14 - 400-watt MH to 6-lamp fluorescent high bay (\$80.00 rebate each)
- Recycle of lamps and ballasts included
- Provide and install 9 - fixture mounted Motion sensors (\$40.00 rebate per) \$5
- Replace 4 - exit lights with new LED model (\$10.00 rebate each)
- Lift rental and permit cost

\$4,228

Not to exceed cost \$5,953.00

Connexus rebate = \$2,040.00 - \$360 + \$45 = \$1,725

Net cost \$3,919 <sup>\$4,228 = Net Cost</sup> (payback based 10 hrs day - 5 days / week \$1,506.00 = 2.6 years plus the savings created by the ceiling motion sensors on the 9 fixtures)

Note: I would not add 6-lamp fixtures as this would add cost and wattage to the system even though we are installing motion sensors

**Sign - Utility Building: (same as competitive bid Alternate #2)**

- Replace 6 - 400-watt MH to 6-lamp fluorescent high bay (\$120.00 rebate each) - motion control on each \$80 + \$5
- Retrofit 4 - 8', 2L T12 with 4 - T8 lamps and new ballast: (\$20.00 rebate each)
- Retrofit 1 - 2L T12 with T8 in bathroom (\$10.00 rebate each)
- Replace 2 - exit signs with battery backup LED fixtures
- 2 - LED kits for ceiling lights (custom rebate)
- Replace 4 - 4 foot wrap fixtures in storage room

January 8, 2011

- Lift and permit cost included

Not to exceed cost \$2,902.00

Connexus Rebate:  $\$830.00 - \$240 + \$30 = \$620$

Net cost ~~\$2,072.00~~ (payback based 10 hrs day – 5 days / week \$240.00 yr = 8.7 years)

$\$2,282 = \text{Net Cost}$

$\$2,282$

**Main Public works garage - Base: (similar to Building #1 Alternate #1)**

- Replace 18 - 400-watt MH to 6-lamp fluorescent high bay (\$80.00 rebate each)
- Retrofit 10 – 8', 2L T12 with 4 – T8 lamps and new ballast: (\$20.00 rebate each)
- 8 fixture mounted motion sensors for the 6 Lamp high bay fixtures (~~\$40.00~~<sup>\$5</sup> rebate each)
- Replace 3 exit lights with L.E.D style
- Replace 4 - 60-watt incandescent with CFL (did not include rebate for this work)
- 2 – new T8 fixtures for bath vanity
- 1 - LED kit
- Lift and permit cost included

Not to exceed cost \$7,459.00

Connexus Rebate:  $\$2,001.00 - \$320 + \$40 = \$1,721$

Notes:

- The new lighting in the shop will be good enough to eliminate the other strip fixtures so I would not recommend retrofitting them.
- I would not recommend LED wall packs as the light quality is not good compared to HID.
- I would not place motion sensors on all shop fixtures as the on and off switching will lessen lamp life. My design includes motions for the fixtures over the parked Vehicles (8). Main isle way fixtures to be on during working hours

$\$5,738$

$\$5,738 = \text{Net Cost}$

Net cost ~~\$5,458.00~~ (payback based 10 hrs day – 5 days / week \$1,131.00 yr = 4.82 years plus the savings created by the ceiling motion sensors on the 8 fixtures)

Please call with questions

Thank you,

Brian Kovar, President

Total cost = \$16,314

Connexus Rebate \$ 4,066

Net cost =  $\$12,248$

# Ready Watt ELECTRIC

8700 171st Avenue NW  
 Ramsey MN 55303  
 Phone 763-241-4944  
 Fax 763-241-5245

## Estimate

Date	Estimate #
2/3/2011	211080

Name / Address	
City of Ramsey 7550 Sunwood Drive NW Ramsey, MN 55303 Attention: Grant Riemer	
Project	
211080 Retro Public Works Lights	
Description	
Price to include removing and recycling of all old lights being replaced.	
North East Storage Building- (Main PW garage) Replace (18) 400mh high bay lights with (18) new 6-lamp t-8 florescent high bay lights, retro (8) 2-lamp 8' t-12 lights with (4) 4' t-8 lamps-ballast, replace (3) exit emergency lights with new LED exit emergency and change lights in rest rooms to CFL lamps also. (No motion sensors - see last note)	
South East Building- (Vehicle Storage Building) Replace (18) 400mh high bay lights with new 6-lamp t-8 high bay lights, retro (26) 8' t-12 lights with 4-lamp t-8 lamps-ballast change (4) old exit emergency lights with new LED exit emergency lights. (No motion - see note)	
West Building- (Sign Utility Building) Replace (6) 400mh high bay lights with new 6-lamp t-8 high bay lights. Retro (5) 2-lamp t-12 wrap lights to 2-lamp t-8, replace (2) exit emergency lights with new LED exit emergency lights. (No motion - see last note)	
All light to be in same location, circuit and switching as existing includes removing of all old equipment.	
The Power Company will give you a total of \$4214.00 that will be directly sent to the customer. The total cost to City after rebate is \$15533.00	
Job must be completed by October to allow rebate to be in by deadline.	
Your estimate payback on electric cost at \$0.10 a KH and on for 8 hours a day is around 3.8 years plus maintenance cost.	
Adding a OCC Sensor on individual lights would be a cost of \$85.00 each and a Power Company rebate of \$5.00	
We look forward to doing business with you. Rob Schiller 612-221-4983	<b>Total</b> \$19,747.00

**ACCEPTANCE OF PROPSAL**

(must be signed and returned for work to begin)

NOTE: This proposal may be withdrawn by Ready Watt Electric if not accepted with in 15 days.

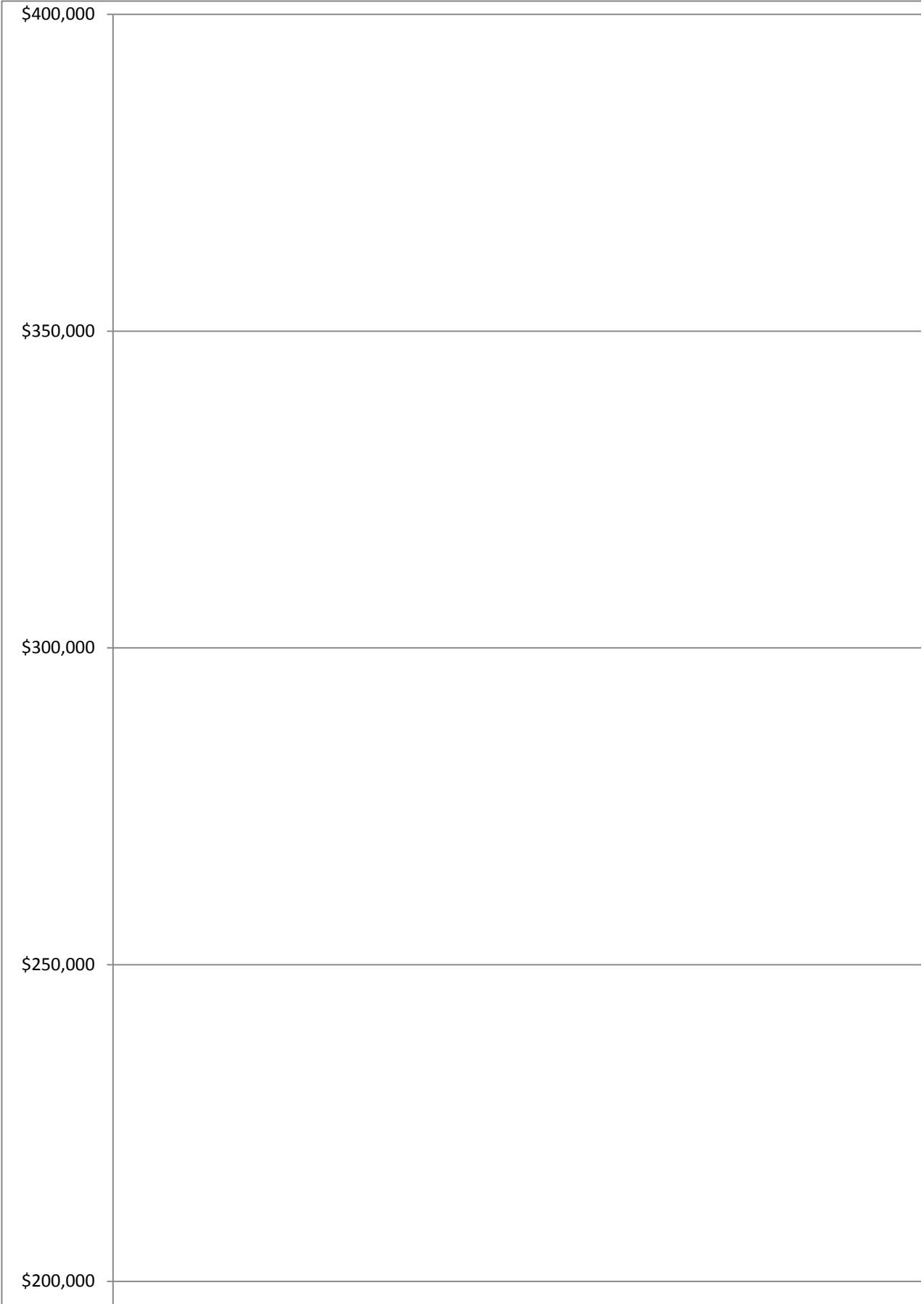
The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the

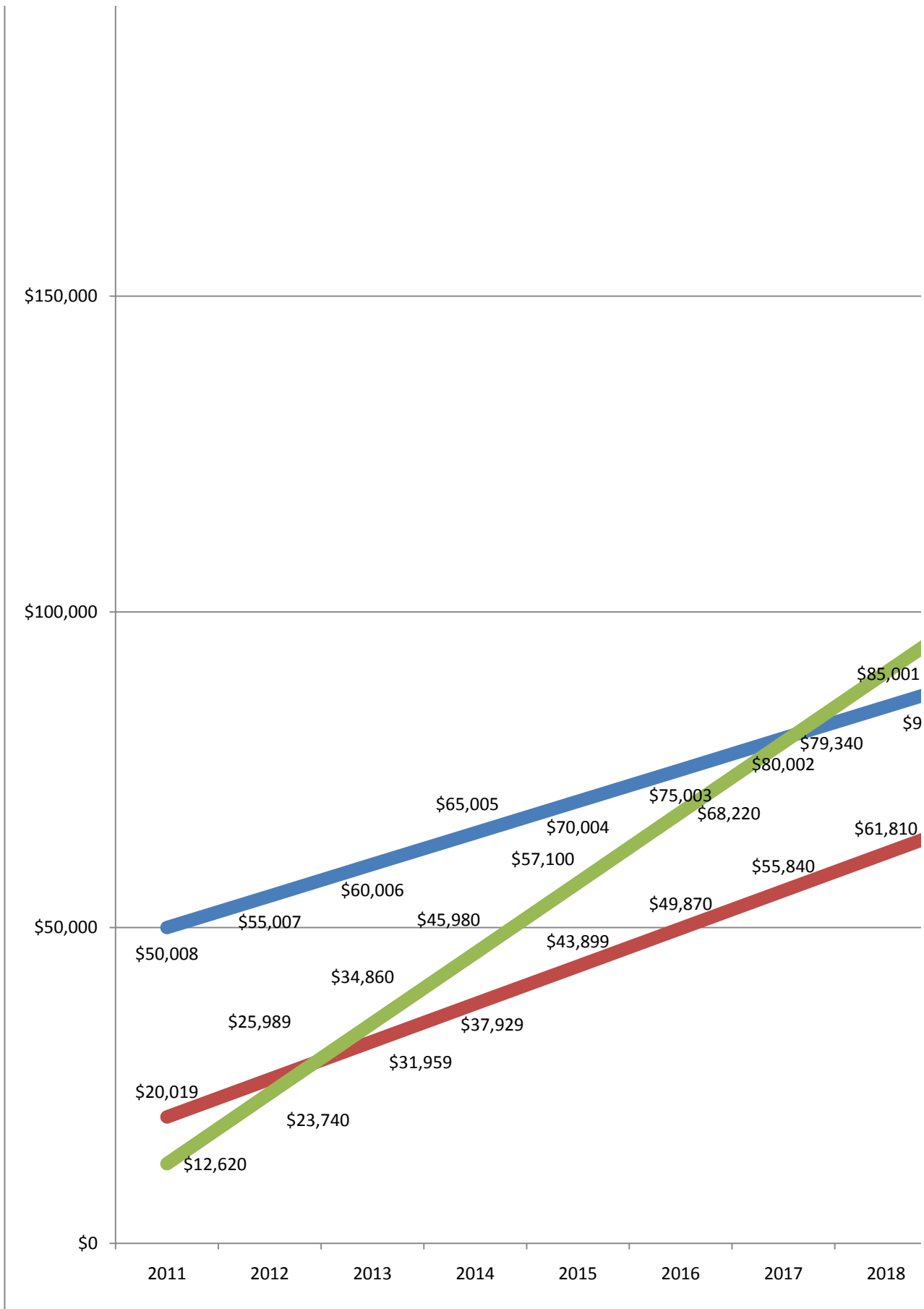
- \$ 1,000.00 (18 → 14 VSB)

\$18,747.00

Total cost = \$18,747.00  
 Connexus rebate = \$ 4,054.00  
 Net cost = \$14,681.00

\* To include (8 + 9 + 6) = 23 motion sensors  
 quote would be increased by \$1840 (waived per conversation w/Rob)





LED cumulative	\$50,008	\$55,007	\$60,006	\$65,005	\$70,004
flourescents cumulative	\$20,019	\$25,989	\$31,959	\$37,929	\$43,899
nothing	\$12,620	\$23,740	\$34,860	\$45,980	\$57,100
Cost continuum for doing nothing	\$12,620	\$11,120	\$11,120	\$11,120	\$11,120
Cost continuum for Flourescents	\$20,019	\$5,970	\$5,970	\$5,970	\$5,970
Cost continuum for LED	\$50,008	\$4,999	\$4,999	\$4,999	\$4,999
year	2011	2012	2013	2014	2015
ALL BLDGS					
cost to convert to flourescents	\$11,449				
cost to convert to LED	\$42,948				
Cost to relamp	\$200	\$200	\$200	\$200	\$200
annual cost to replace flourescent ballasts	\$350	\$350	\$350	\$350	\$350
annual cost to replace MH	\$2,000	\$500	\$500	\$500	\$500
existing electrical cost	\$10,620	\$10,620	\$10,620	\$10,620	\$10,620
annual savings MH - flourescent quote	\$2,877	\$2,877	\$2,877	\$2,877	\$2,877
annual electrical cost - flourescents	\$8,020	\$5,420	\$5,420	\$5,420	\$5,420
annual electrical cost - LED	\$7,060	\$4,999	\$4,999	\$4,999	\$4,999

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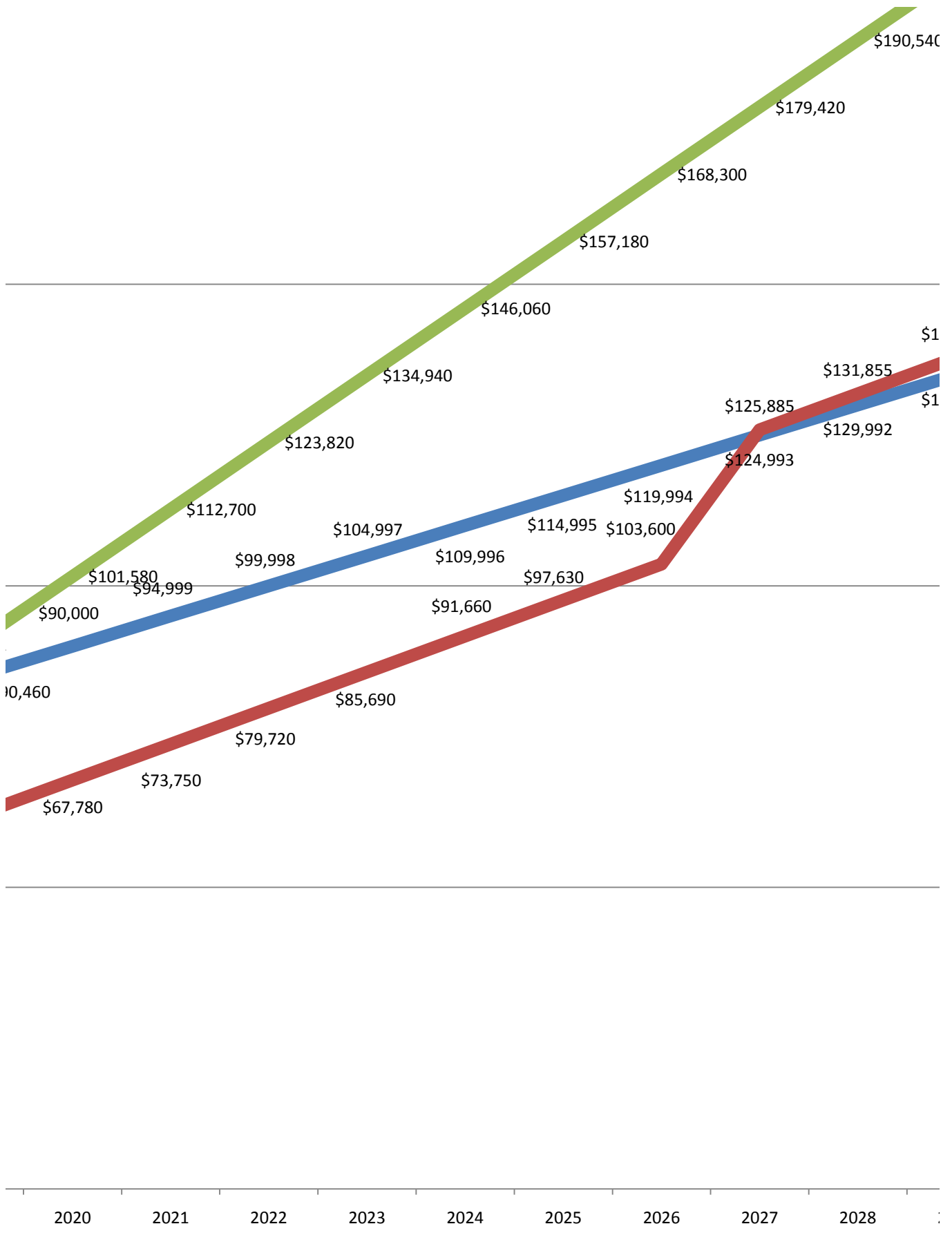
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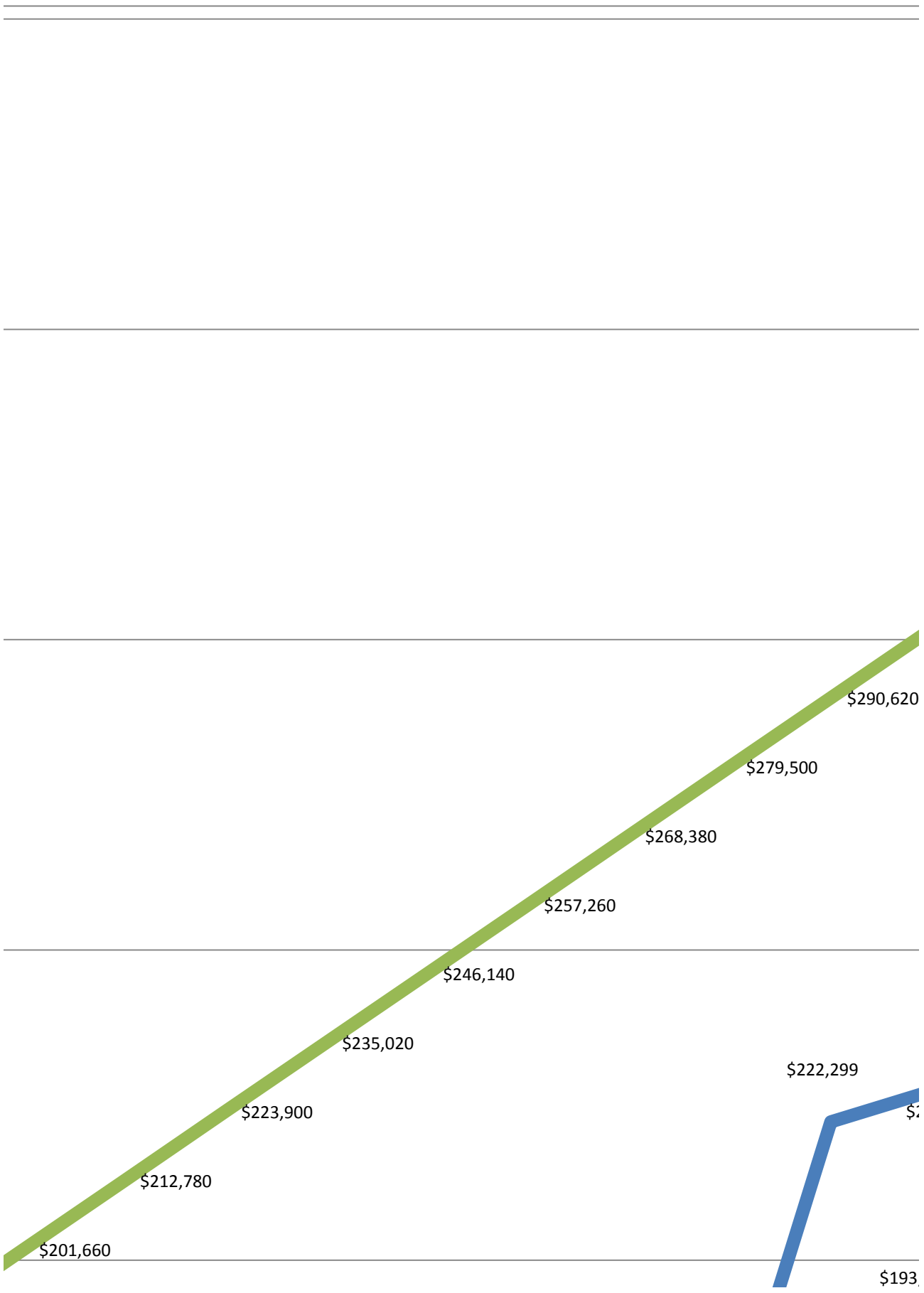
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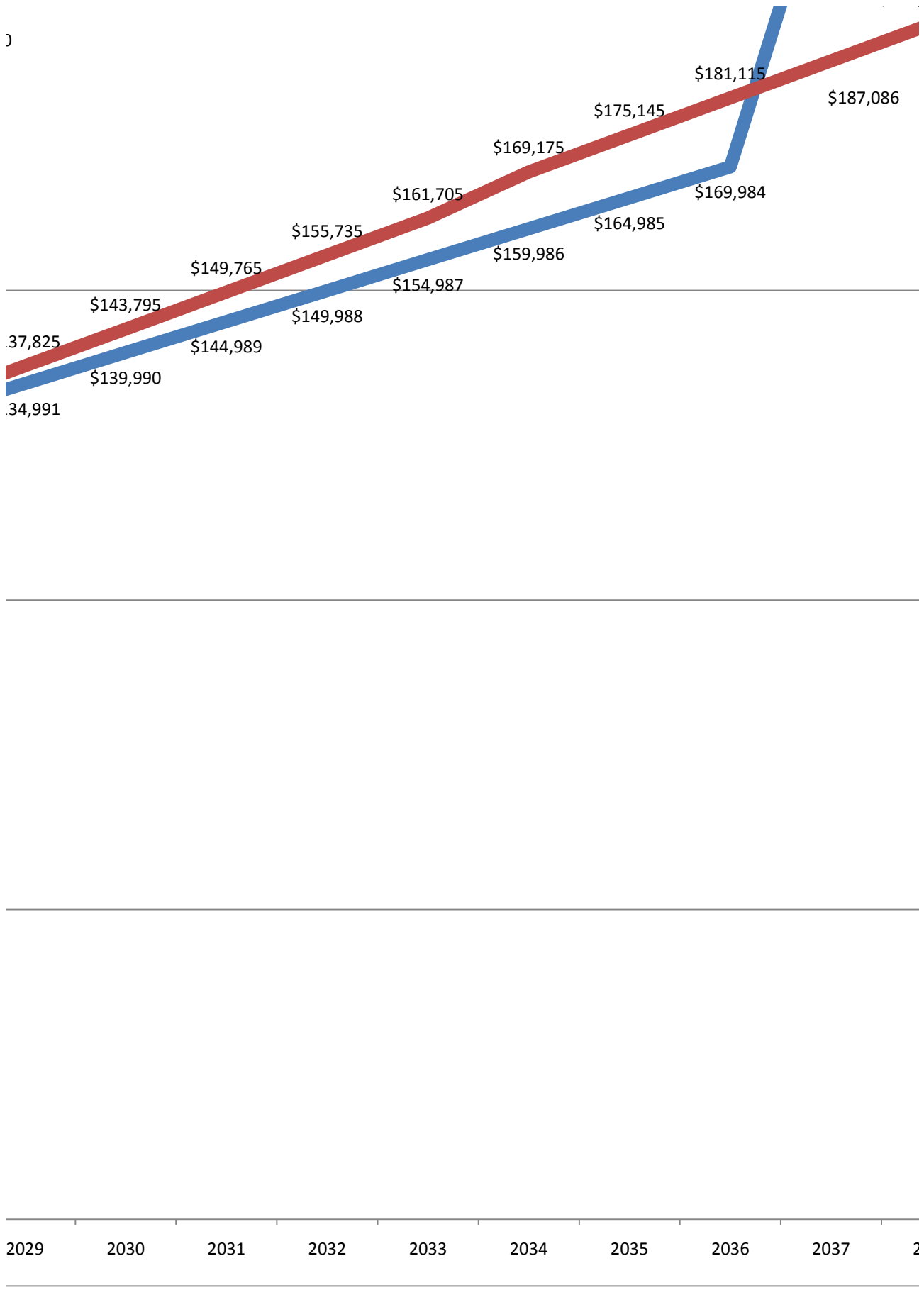




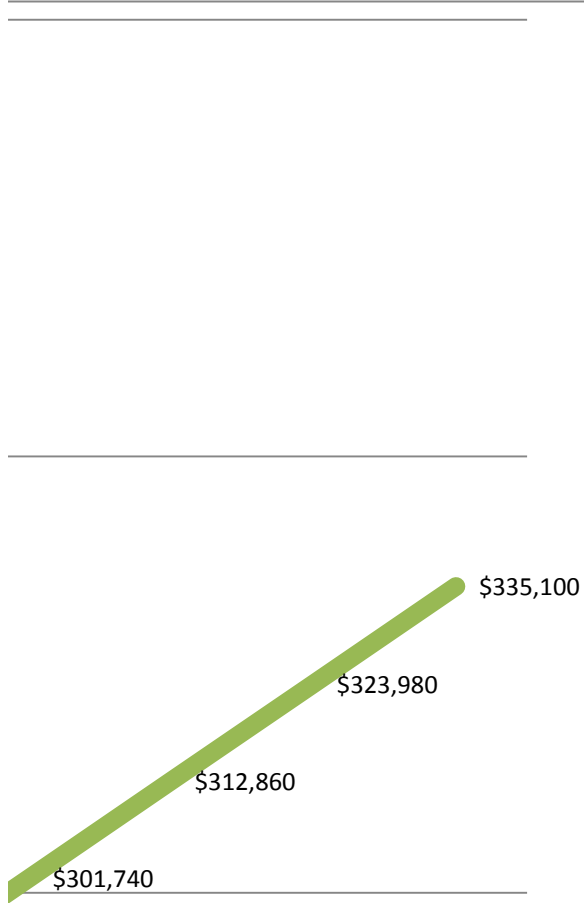




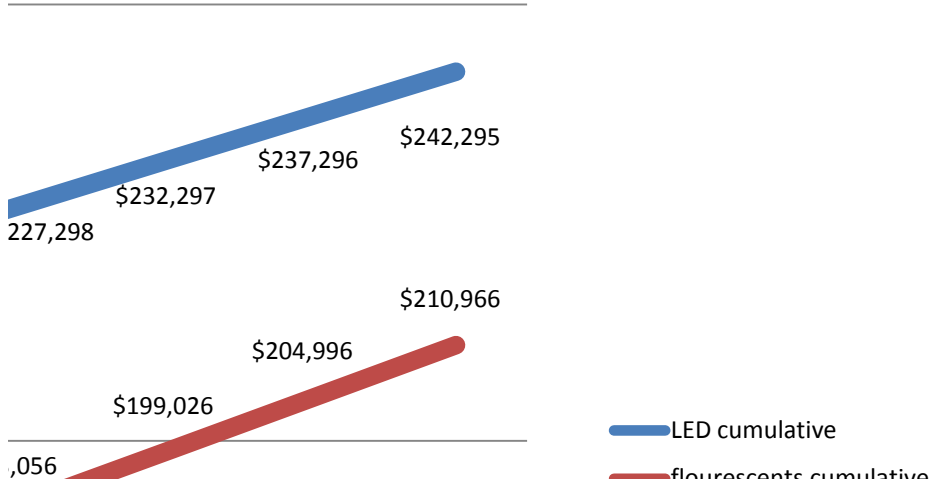
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)





— fluorescents cumulative  
— nothing

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2038      2040      2041      2042



**Date: 03/15/2011**

By: Tim Himmer  
Engineering/Public Works

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Information

Title:

Discuss Trail Construction in Conjunction with an Overlay to Alpine Drive near Alpine Park

Background:

In the fall of 2009 staff brought a case forward to the Public Works Committee to discuss options for the installation of a crosswalk near Alpine Park. The request was advanced from a property owner living along 153rd Court who wanted more convenient access to the park from the neighborhoods to the north. The feeling was that maybe something could be done as part of the skate park installation and/or the watermain loop and parking lot construction. The consensus of the Committee at that time was to install a crosswalk at the location of the new parking lot to the skate park, and to look for opportunities to construct a trail or sidewalk with any subsequent projects in the area.

Staff is preparing a project for the bituminous overlay of Alpine Drive, from Ramsey Boulevard to Sunfish Lake Boulevard, for construction this year. The plans have yet to be developed, as we are coordinating the project scope with Anoka County due to their signalization project at Sunfish Lake Boulevard and Alpine Drive. Staff also wants to evaluate the pavement condition of this stretch of road when the spring thaw is complete, so we can effectively formulate a plan to adequately address the maintenance needs.

Since we intend to implement a project this year we wanted feedback from the Council on whether a trail and/or sidewalk should be included in the overall project scope before we get too far along in the design and MSA review process.

Notification:

Observations:

The cost to construct a 5' wide concrete sidewalk or 10' wide bituminous trail are approximately the same; about \$20 per foot. To build a trail on the south side of Alpine Drive, from Ramsey Boulevard to the new parking lot at the skate park location, it is approximately 4225' long thereby resulting in an estimate of \$85,000. This segment would also have some wetland impacts in the vicinity of Ramsey Boulevard (creating additional costs for mitigation), and restoration and property impacts would also have to be considered making the total project cost in excess of \$100,000. To build a smaller segment on the south side of Alpine Drive, from Hematite Street to the new parking lot at the skate park location, it is approximately 1425' long thereby resulting in an estimate of \$29,000. This segment would also have to account for some restoration and property impacts as well, making the total project cost in excess of \$35,000. To build a trail on the north side of Alpine Drive, from 153rd Court to Zirconium Street, it is approximately 1350' long thereby resulting in an estimate of \$27,000. This segment would also have to account for some restoration and property impacts as well, making the total project cost in excess of \$32,000.

More detailed design and impacts would have to be evaluated during the collection of field information prior to initiating the project, but staff wanted a reaction from the Committee (and Council) on whether we should be expending the efforts to include any trail/sidewalk improvements with this project.

Funding Source:

In reviewing the City's MSA account, considering all past and currently planned projects for 2011, it is anticipated that at the end of this year the balance will be approximately (\$300,000). Without implementing any MSA projects in 2012, and taking into account current maintenance and bonding allotments, the balance at the end of 2012 will be approximately \$75,000. The current balance on the trail fund is approximately \$100,000, but there are many projects contained within the Capital Improvement Program (CIP) over the next 5 years that intend to utilize those funds.

Based upon the above information, it appears that funding constraints would not allow for the inclusion of a trail/sidewalk component with the pending overlay project. This issue could be reviewed again in the future as additional projects are being scoped, on-street trails could be considered, or Council could identify an alternative funding source for consideration.

Staff Recommendation:

Committee Action:

Based upon discussion.

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### Attachments

Location map

### Form Review

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Brian Olson	Brian Olson	03/10/2011 03:42 PM
Kurt Ulrich	Kurt Ulrich	03/10/2011 04:08 PM
Form Started By: Tim Himmer		Started On: 03/10/2011 11:29 AM
Final Approval Date: 03/10/2011		

