

**AGENDA  
CITY OF ST. CHARLES, IL  
GOVERNMENT SERVICES COMMITTEE MEETING  
DAN STELLATO, CHAIRMAN**

**MONDAY, NOVEMBER 26, 2012, 7:00 P.M  
CITY COUNCIL CHAMBERS  
2 E. MAIN STREET, ST. CHARLES, IL 60174**

- 1. CALL TO ORDER**
- 2. ROLL CALL**
- 3. ADMINISTRATIVE**
  - a. Electric Reliability Report – Information only
  - b. Tree Commission Minutes – Information only
  - c. EAB Control Efforts – Information only
- 4. POLICE DEPARTMENT**
  - a. Recommendation to approve Ordinance Amending Title 5 “Business Licenses and Regulations” – Adding a new Chapter 5.52 “Horse-drawn Carriages”.
- 5. PUBLIC WORKS DEPARTMENT**
  - a. Recommendation to purchase LDC Transformer from CG Power Systems.
  - b. Recommendation to purchase LDC 35kV Switchgear from G&W Electric.
  - c. Recommendation to purchase LDC Voltage Regulators from Cooper Power Systems.
  - d. ComEd Reliability and Maintenance Issues – Information only.
  - e. Recommendation to approve budget addition for electric utility work related to the Bio Solids Project.
  - f. Recommendation to approve participation in IMEA Energy Efficiency Program.
  - g. Recommendation to approve proposal for Final Clarifier Drive Project for the Wastewater Treatment Plant.

- h.** Recommendation to approve extension of contract with Capital Infrastructure Group, LLC.
- i.** Recommendation to approve Change Order Number 8 for the Red Gate Bridge Advanced Contract Project.
- j.** Recommendation to approve Change Order Numbers 1-7 for the Red Gate Bridge Main Contract Project.
- k.** Discussion regarding Red Gate Road status anticipating the Red Gate Bridge Opening on December 15.

**6. ADDITIONAL BUSINESS**

- a.** Disposition of December 24 Government Services Committee Meeting.

**7. ADJOURNMENT**



ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title: Electric Reliability Report – Information only

Presenter: Tom Bruhl

*Please check appropriate box:*

<input type="checkbox"/>	Government Operations	<input checked="" type="checkbox"/>	Government Services 11.26.12
<input type="checkbox"/>	Planning & Development	<input type="checkbox"/>	City Council
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	

Estimated Cost:	\$	Budgeted:	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
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If NO, please explain how item will be funded:

**Executive Summary:**

For your information.

**Attachments:** *(please list)*

October 2012 Outage Report

**Recommendation / Suggested Action** *(briefly explain):*

For information only.

*For office use only:*

*Agenda Item Number: 3.a*





ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title: Tree Commission Minutes – Information only

Presenter: Peter Suhr

*Please check appropriate box:*

<input checked="" type="checkbox"/>	Government Operations	X	Government Services 11.26.12
<input type="checkbox"/>	Planning & Development		City Council
<input type="checkbox"/>	Public Hearing		

Estimated Cost:	N/A	Budgeted:	YES	<input type="checkbox"/>	NO	X
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If NO, please explain how item will be funded:

### Executive Summary:

A duty of the Tree Commission is to advise and consult with the Government Services Committee. September and October 2012 meeting minutes are attached.

### Attachments: *(please list)*

Tree Commission Minutes – September and October 2012

### Recommendation / Suggested Action *(briefly explain):*

For information only

*For office use only:*

*Agenda Item Number: 3.b*

**MINUTES  
CITY OF ST. CHARLES, IL  
TREE COMMISSION  
WEDNESDAY, SEPTEMBER 12, 2012**

**Members Present:** Co-Chair Bill Bangs, Co-Chair Ron Ziegler, Valerie Blaine, Jon Duerr, Ralph Grathoff, Suzi Myers, Phil Zavitz,

**Members Absent:** Pam Otto

**Others Present:** Peter Suhr, Chris Adesso, Nicole Wang, Marcelline D'Argento

**1. Opening of Meeting**

The meeting was convened by Co-Chair Bill Bangs at 7:02 p.m.

**2. Roll Call**

Commissioner Myers announced Commissioner Scott has had to resign as he purchased a home in Elburn, IL. He sent email to the Mayor on September 11, 2012. In addition, Chris Scott would still be glad to help with upcoming Arbor Day festivities.

**3. Introductions of Visitors - Comments and Concerns:**

No Visitors present.

Mr. Suhr introduced Chris Adesso (Public Services Division Manager). Chris has been with the city for three weeks now. He is not a licensed Arborist but interested in obtaining that. Marcelline D'Argento is our newest Administrative staff and has been with us for the last three months. She will be periodically attending some of the Tree Commission meetings.

The Commissioners took the time to introduce themselves for the new staff members:

Commissioner Duerr – This is his first Tree Commission meeting. He was appointed by the Mayor this summer.

Commissioner Myers – She has been a Commissioner since the inception of the Tree Commission.  
Commissioner Blaine, Co-Chair Ziegler, Commissioner Zavitz, Co-Chair Bangs, and  
Commissioner Grathoff

**Omnibus Vote**

**4. Recommend approval of May 2012 Minutes**

Motion by Commissioner Zavits second by Commissioner Blaine to accept the May 9, 2012 Minutes as presented at 7:06 p.m.

**Voice vote:** unanimous; Nays – None; Absent: Pam Otto (Vote by Proxy – In Favor of Approval), Abstain: Commissioner Duerr due to his first review as Tree Commissioner.  
- Motion carried.

**5. Old Business**

**A. Discussion on City Forestry/Ordinance Plan**

Mr. Suhr stated as of the last time the Tree Commission met, everyone was thinking of an outside consultant for getting the Plan in place. He called Josh Behounek with Davey Tree Service to get a feel for what is available from the marketplace. Mr. Behounek has sent some examples. It is difficult to get him scheduled on a night the Tree Commission meets and the next available time he has is in January. Mr. Suhr recommends that we could get a smaller group of two Commissioners together to meet with him in October by opening a meeting act. The goal was to come up with a proposal for what we want to do for presentation so that Mr. Suhr can get a budget put together. Having budgeted dollars will allow us to get approval for a consultant to come in and manage the process for us. Co-Chair Bangs stated he would be interested in doing that, as well as Commissioner Grathoff. Mr. Suhr will obtain three dates to work on getting a meeting setup.

Commissioner Grathoff stated he would be glad to be involved and thinks this is an important first step on this initiative as he has read several plans and they can be quite lengthy. Mr. Suhr stated two Commissioners would suffice with the open meetings act. Commissioner Duerr asked what the publication is for the Open Meetings act. If it could be broadened that would be great. Co-Chair Ziegler wanted to know what we are trying to accomplish. Mr. Suhr suggested gathering ideas and what the Plan means to this group. This has not gone before the City Council yet. The Tree Commission would need City Council approval with a Plan that costs over \$20,000. A Plan of this nature is one of the core goals for this group originally and has not been done yet. It is the most logical next step.

Mr. Suhr feels he should get someone here to explain what the Plan means and getting started in the process. Commissioner Myers felt that having more Commissioners would be most beneficial and stated that using a calendar like Outlook would be helpful. Co-Chair Bangs asked who you need to announce the meeting to. Mr. Suhr said that it just needs to be posted. We do post meetings on our website and that may be picked up by local publications as well. Ms. Wang added that the Open Meetings Act states the meeting must be posted at least 48 hours in advance of the meeting. Co-Chair Ziegler asked if Mr. Suhr will be in charge of the agenda. Mr. Suhr said it is really about listening to the Davey Representatives presentation and then meet again to gather our initial thoughts. Commissioner Duerr stated we would need a "Scope of Services" from Davey to understand what they can do.

Co-Chair Bangs asked when was the last city Plan? Mr. Suhr stated that there never was any Plan drafted by the City. Co-Chair Bangs offered information on the website [www.historicaeriels.com](http://www.historicaeriels.com) to be able to track historical changes for our city with regard to the Plan. Mr. Suhr said he would look into dates and that an evening date would be best for a larger group. Co-Chair Bangs asked if we are locked into working with Davey. Mr. Suhr said that we are not.

Commissioner Blaine asked if we require an Urban Forester. She offered a few suggestions with State Foresters. Co-Chair Ziegler asked where Mr. Suhr had gotten the other plans that he had shown the group in the past and if he still had them? Mr. Suhr does still have the plans and is willing to pass them around. They were from online sources and Penn State University. Commissioner Blaine stated U of I Forestry Department could be a resource. Mr. Suhr stated he is open to suggestions on other options. Mr. Suhr called Davey as he knew that they did this work. We are open to someone more local as well.

Co-Chair Bangs asked Commissioner Blaine to please email the ideas she has to the Tree Commission and Mr. Suhr. Co-Chair Ziegler asked Commissioner Blaine if she is suggesting State of Illinois would have more available? Commissioner Blaine stated that the State would definitely have resources as well as other Universities within Illinois. In addition, that could be a counter balance to what Davey has to offer. Commissioner Duerr asked if there are any models available from Tree City USA? Mr. Suhr stated he would have to look into that. Possibly they would have a template that could be used. Mr. Suhr stated that the idea for the start of this process is to determine how much the group wants to take on or how much the group would like to contract out. Co-Chair Bangs asked if the Davey proposal would be easier to get past by City Council or if something the Tree Commission would put together is best. Mr. Suhr stated if the Plan is reasonable, makes sense and can fit within the budget then it should be considered by Council. It is one of the core purposes of the Tree Commission as the ordinance reads. Co-Chair Bangs stated the group should do something to get a Plan in front of the city as there are a lot of trees coming down.

## **6. New Business**

### **A. Update on the Emerald Ash Borer (EAB)**

Mr. Suhr stated we are working on EAB every day. Last meeting, we received council approval to remove and replace about 3,000 Ash trees. We are working with our vendors to manage 1,000 trees per year. Found that the projection is really ramping up. Residents are happy to see us out there removing the dead trees. We have gone through a process of analyzing and rating the Ash trees we own and have identified the first 1,000 for removal. We are now ready to identify the next 1,000 trees for removal. Approximately 750 of the first 1,000 trees have been removed within the first 4-5 months. We are working to replant those and had 650 trees planted last spring, with another approximately 900 trees to be planted this fall. We are prepared to start planting by October 1st. Mr. Suhr anticipated being in front of City Council in the next month with the additional 1,000 tree sites for removal in the second phase and will continue the process. The goal was to track and finish within about three years. At this rate we might be done in about two and a half years.

Commissioner Zavitz stated he travels the surrounding cities and he sees a lot of trees and newer trees planted. With the newspaper article about watering out this summer, he has not seen anyone watering. The trees are not looking so well. Mr. Suhr commented trees are struggling with the drought, not just new trees but older trees as well. We did get approval for extra watering by contract and asked for residential help but did not get as much as needed.

Co-Chair Ziegler asked what happened to the Legacy program? Were there any successes? Mr. Suhr stated we started with 250 trees. A second and third treatment was done. There are approximately 200 trees left in that program and we are reviewing the trees year by year to determine if they are still candidates. Commissioner Duerr asked what the Legacy program was. Co-Chair Ziegler explained the treating for EAB program that started in 2009. Mr. Suhr stated that we have not abandoned the program and continue to treat. We are hopeful the trees will survive. The chemical is free to us; we provide the labor to do the treatment for City Right of Way properties.

Commissioner Myer received "Community Tree News" from the Morton Arboretum regarding treating news. The article stated that "Chemicals have been proven to prevent 99% of larval development in study trees". Commissioner Myer felt there is a ray of hope out there. The article stated that treating is not a silver bullet. Co-Chair Bangs stated that early application would have been in 2004. He asked when it was first diagnosed. Mr. Suhr stated that in St. Charles the first

case was in 2008 in the Windings and we were the first community in this area. Co-Chair Ziegler stated that the sad thing is that the Department of Agriculture did not support treating from the beginning. He stated it can be prevented with treating. It was unfortunate that Council voted to remove all the trees based on the Department of Agriculture's stance. Co-Chair Bangs asked if it is safe to say that all the Ash trees in the City are infected with EAB. Mr. Suhr stated no, we have not confirmed all City Ash trees with EAB. Ms. Wang stated that there are very few Ash trees that the Arbor team comes across that are in good condition. Co-Chair Ziegler stated that the Ash trees most affected are the Green Ash. The bugs go to the Green Ash first and then eventually the White Ash. Commissioner Grathoff asked if the supply of chemical will run out. Mr. Suhr stated that the provider of the chemical reviews the tree sites from year to year and then determines if we can continue and how much of a supply we will get based on their review. Our hope is by the end of this process we will still have Ash trees that survive. Co-Chair Ziegler stated we have to remember that once the bug has eaten all the Ash trees it can, it will move on.

Co-Chair Bangs asked how we determine "parkway". Mr. Suhr stated we use the property line and conditions outlined for the area with the Plat of Survey.

**B. News from Public Works:**

Mr. Suhr brought up the next step in the process is to determine how we prevent the community from experiencing a widespread issue like EAB again with another species. What do we do with the trees we are replacing to diversify ourselves enough? There are 900 trees to plant this fall and probably 2,500 trees to plant over the next two years. We also have a pretty open program where we allow the resident to choose a tree they would like to plant if it is on our provided list as an approved tree. 25-30% of those residents want a Maple in front of their yard. Are we getting ourselves into the same problem we have had before with the Ash. Mr. Suhr handed out a Chart showing the Species Frequency within the city. He opened the floor to gather some information from the Commissioners on their thoughts:

Commissioner Duerr: are we passive or active in selecting the trees to put on an approved list? Mr. Suhr stated we generally have been passive. In the past we have only planted 100 to 150 trees each season. Realizing the quantities we are dealing with now brings up the concern to have more control over the number of species of each planted. Commissioner Duerr stated residents just recognize the name of "Maple" and then choose accordingly. Mr. Suhr asked if the Commissioners would support a plan where we do not plant Maple species for the next five years? Commissioner Duerr stated that when he was on the City Council, J. Walters decided not to have anyone plant Honey Locust trees. He suggested that the city take charge and make sure we have diversity and then that is the choice available.

Co-Chair Ziegler: stated certain trees do well in the parkway area and some others are not that tolerant. As a Tree Commission we would do a service to our residents by learning. When it comes to picking a tree, teach others not just to pick by name but to be able to provide residents with specifics. The fact of the matter is that all these trees do have some bugs and he gave some examples. More than just diversity, we as a Tree Commission can be helpful to our residents by teaching them a little bit.

Commissioner Myers: stated she received a Linden but did not get a letter. It was beautiful for a while until the Japanese Beetles attacked it. She will do something about it. However, how many people will do that?

Co-Chair Bangs: asked if there is something going on with Maples? Many are not doing well. Co-Chair Ziegler stated it is too easy to say just “Maple” as all varieties of the Maple species have issues for each one. There was good discussion about the differences among the different Maples. Co-Chair Ziegler stated this is a big problem. Co-Chair Bangs asked each Commissioner to take one tree on the list and put together what we think should be communicated.

Ms. Wang: stated that we have 22 trees on the current selection list. Co-Chair Bangs asked if Fall Planting has been finalized yet. Mr. Adesso stated it has been roughly finalized. Mr. Suhr mentioned that we need to move ahead with the Fall Planting the way it is; but, we look to our next Spring Planting for the plan and long term solution. Commissioner Duerr stated that Co-Chair Ziegler has a good point and to think of the city as a “Nursery” like Schmidt and Bailey Nurseries in Oregon. The City should review the facts on the trees before just purchasing trees.

Commissioner Blaine: stated there is not much thought with what will happen to a tree in ten years.

Co-Chair Ziegler stated that the Tree Commission should be able to help the Public Services team. Commissioner Myers stated that she didn’t see why we could not just educate people as to what is happening by an article in the paper and the Den regarding diversification. Maybe what we ultimately land on is to take the choice of a tree away from the residents all together. Co-Chair Ziegler stated we should have a quota. Mr. Suhr stated that a quota does not allow you to get the perfect tree for the perfect site. Commissioner Duerr stated that he sees many mature trees that are taller and right under power lines. Why is that allowed? Ms. Wang added that we never had a differentiation on the list for species and their height for power lines. We have just gone to that with the letters as of June 1<sup>st</sup> of this year and now we call residents back who have power lines and have selected a tree that is too tall for that site.

Co-Chair Bangs asked why we cannot do that for diversity as well. Mr. Suhr stated we could make those calls. However, because of the way planting goes, the evidence for a need for that is not always clear. Many residents call and desire species specific information. We direct them to local nurseries, the Morton Arboretum website and other ways to do their own research. Co-Chair Bangs stated we could put something together for residents. There was further discussion about how the Tree Commission can accommodate a resource like this for the residents.

Commissioner Duerr stated we could assert a lot more control. Mr. Suhr explained the letter process and that it has not been an issue until now that we have such a large number of trees to remove and replace. This has nothing to do with the 50/50 Parkway Addition program. Commissioner Duerr stated we could add discretionary language to letters now to state “planted as available and appropriate” for resident’s requests. Co-Chair Ziegler requested vote to take it to Council. Mr. Suhr did not think that would be necessary to take it to Council. Mr. Suhr suggested the next step to all of this is to come up with a process.

**Commissioner Duerr moved to add discretionary language to the letters being sent to the homeowners for replacement of trees, second by Co-Chair Ziegler.**

**Voice Vote:** In Favor: all; Nays: None. Absent: Pam Otto; Motion carried at 8:05 p.m.

Mr. Suhr stated that would help our program.

Commissioner Myer expressed she likes the idea of an explanation of trees for residents. Discussion pursued as to where they could find catalogs or information. Co-Chair Ziegler mentioned the Mid-Am Show for growers and nurseries for free catalogs. He stated the Tree Commission should all go to that in January, 2013. Commissioner Duerr stated that this fits nicely into a City Forestry Plan.

- C. **Langum Woods Clean Up.**  
Commissioner Otto not present, tabled for this session.

**7. Committee Reports**

- A. **Education Committee:**  
Commissioner Myer brought the Morton Arboretum news and stated we are allowed to use the information they provide. They have short articles that may help for the residents or Den writings.
- B. **Publicity Committee:**  
Commissioner Blaine stated she has nothing for this meeting.
- C. **Arbor Day Committee:** None

**8. Communications**

**A. Electric Division/Tree Activity Reports**

June through August, 2012 Communications-Electric Division/Tree Activity Reports were presented.

Motion by Commissioner Myer second by Commissioner Duerr to place June through August, 2012 Electric Division/Tree Activity Reports on file.

**Voice vote:** unanimous; Nays – None; Absent: Commissioner Otto  
- Motion carried at 8:10 p.m.

**9. Comments**

- A. Commissioners:  
Commissioner Duerr: Glad to be on the board.  
Commissioner Myer: Joint meeting is October 9<sup>th</sup>, 2012. She gave a handout of how to get to the Hickory Knolls Nature Center. Co-Chair Bangs also provided a map to hand out. Commissioner Myer stated that there is not a speaker yet; however, last time a joint meeting happened they spent the time discussing what each City is doing with regards to EAB. That discussion was very powerful. We will be meeting with Batavia and possibly Geneva. Co-Chair Bangs requested help with an agenda by Public Services staff.  
Commissioner Blaine: She attended an American Walnut Council in early July in Urbana, IL. It was a good conference and she was interested in the issue of “1,000 Cankers Disease” for Walnut trees. There is a “Big Tree Registry” contest to find the biggest tree of any species. There will be a program in Kane County regarding this registry to provide a protocol and teaching others about trees. The program will be a three hour workshop in March, 2013 through the Forest Preserve. It will be held at the LeRoy Oaks Forest Preserve Creek Bend Nature Center.  
Co-Chair Ziegler: Welcome to Commissioner Duerr, Marcelline and Chris. It is great to see more faces around the table.  
Commissioner Zavitz: None

Co-Chair Bangs: Does the City purchase a Christmas tree for the plaza outside the Municipal building? Mr. Suhr stated we have purchased a beautiful fake one. Co-Chair Bangs stated he is glad to have the new people here.

Commissioner Grathoff: Thanks to Mr. Suhr for getting the Plan in motion. He would like to move forward on the Plan and to have something for the residents.

**B. Staff :**

Mr. Suhr: Thanks for the comments.

Mr. Adesso: Thank you for the welcome and glad to be here.

Ms. Wang: Very grateful for the attention to how things happen with residents and I would like to see something regarding the types of trees for residents as well.

Ms. D'Argento: None

**10. Adjournment**

**Motion by Commissioner Blaine Seconded by Commissioner Myers to adjourn meeting at 8:22 p.m.**

**Voice vote:** unanimous; Nays – None; Absent: Pam Otto  
-Motion carried.

/nmw

**MINUTES  
CITY OF ST. CHARLES, IL  
TREE COMMISSION  
TUESDAY, OCTOBER 9, 2012**

***Joint Meeting of the St. Charles Tree Commission,  
Batavia Tree Commission, and Geneva Natural Resources Committee***

Location: Hickory Knolls Discovery Center  
3795 Campton Hills Road, St. Charles, IL 60175  
Website: [www.stcnature.org](http://www.stcnature.org) Telephone (630) 513-4399

- Members Present:** Bill Bangs, Co-Chairman; Valerie Blaine; John Duerr; Ralph Grathoff; Suzi Myers; Pam Otto; Phil Zavitz; Ron Ziegler, Co-Chairman.
- Members Absent:** None.
- Morton Arboretum:** Andrea Dierich.
- Batavia Tree Commission:** Scott Haines, Chairman; Frank Saupp; John Dillon; Bob Lootens; Dr. William Whiteside; Kevin Summers; Chuck Siegler.
- Geneva Natural Resources Committee:** Carrie Carter; Dan Ludwig; Jeanine McMillen.
- St. Charles Staff:** Peter Suhr, Public Services Manager; Chris Adesso, Public Services Division Manager; Marcelline D'Argento, Public Services Administrative Assistant; Nicole Wang, Public Services Administrative Assistant.

**1. Call to Order and Pledge of Allegiance**

The meeting was called to order by Co-Chair, Bill Bangs at 7:10 p.m.

**2. Introduction of Commissioners from the Tri-Cities**

3. **Speaker:** Andrea Dierich, Illinois Forest Pest Outreach Coordinator at the Morton Arboretum. Topic: *EAB Update for the Tri-Cities and Forestry Planning with Regard to Other Current and Potential Pests.*

Andrea Dierich, Illinois Forest Pest Outreach Coordinator at the Morton Arboretum discussed the spread of the Emerald Ash Borer ("EAB") infestation in the United States and in Illinois from 2003 to 2012. Ms. Dierich noted she works with the Illinois Department of Agriculture, and within Illinois EAB is moving along transportation corridors from north to south. Ms. Dierich also focuses on how to provide factual

information and prevent the spread of Asian Longhorn Beetles (“ALB”), Thousand Cankers disease, and Burr Oak Plague. There is an exponential curve pattern of EAB infestation, and four years after infestation EAB becomes visible. EAB has an approximately twelve year cycle from start to finish; Kane County is now at the 6 – 8 year phase of the cycle which is marked by ash trees with limbs dropping and creating a public hazard.

Mr. Ziegler asked when the EAB will stop attacking a tree, and why dead ash wood is quarantined. Ms. Dierich explained the pest stays in the tree until there is no more living tissue, which is needed for reproduction. Dead ash wood can harbor EAB eggs, and there have been cases where untreated ash trees were cut down and still had insects/larvae inside. The EAB can fly from 1 to 3 miles but generally moves from tree to tree. EAB is often spread through state parks and camping areas where firewood is brought in from other locations. Ash trees are showing more rapid signs of decline due to the drought and longer mating period, and there will probably be an upswing in EAB devastation.

Additionally, Ms. Dierich provided an example of the ALB, which eats multiple types of trees, although it favors maple trees. The ALB appeared in the Chicago area in 1998; although it is now considered eradicated, it can return at any time. The main indications of ALB infestation are large round exit holes in trees. The ALB also targets the following types of trees: buckeye; elm; willow; and horse-chestnut; ash; birch; linden; and locust. The ALB does not favor oak trees. The ALB is currently in the southern portion of Ohio about 40 miles from the Indiana border. The ALB is much larger in size than the EAB. Maple trees tend to survive longer and withstand greater damage than ash trees.

Mr. Bangs noted the City’s current fall planting is mainly maple trees. Ms. Dierich reported that to ensure diversity planting should be 10% specific species (i.e. Norway maple); 20% of genus (i.e. Norway maple, sugar maple, silver, red maple) and 30% of family (i.e. include box elder in the maple family).

Ms. Dierich provided maps of ALB infestation in Ohio and the United States. The maps indicate Illinois is an “at risk” state. Ms. Dierich spoke of a private resident in Worcester, Massachusetts, who first found ALB in 1998.

Ms. Dierich also provided maps of Black Walnut Thousand Cankers disease, which is not currently in Illinois. However, it is a concern because there is a large amount of wood moved in and out of Illinois. The main sign of the disease is unusual wilting in black walnut trees.

Mr. Duerr inquired about the Gypsy Moth and Ms. Dierich reported spraying has been effective since the 1990’s.

An additional inquiry was made regarding the status of the Japanese beetle. Ms. Dierich said she works only with large area pests, not the Japanese beetle, and suggested

connecting with Stephanie Adams, a plant pathologist in the Morton Arboretum plant clinic.

#### **4. Discussion: Topics of Mutual Interest**

Mr. Suhr stated 35% of the trees in St. Charles are maples. Mr. Suhr asked the representatives from Batavia and Geneva if they had tree diversity plans in place and if they limited the residents' selection of types of parkway trees. The representatives replied affirmatively.

Ms. McMillen reported Geneva allows residents to plant their own trees in the parkway and requires residents to obtain their own JULIE, however, diversity cannot be controlled. Geneva also has a 50/50 plan and they are compiling a list of trees favorable for parkway planting. Geneva's goal is to plant 300 trees per year, and the Natural Resources Committee wants to add 50 to 60 more trees per year.

The representatives from Batavia suggested a permit system be required to control tree diversity and to limit planting of weak-wooded trees. Batavia has strong ROW permits, but does not charge a fee for the permit itself. Through the permit process, Batavia controls the types of trees residents can plant in the parkways.

#### **5. Discussion: EAB**

Mr. Bangs asked about the success of EAB treatment. Ms. Dierich stated, yes, EAB treatment is effective if trees are treated early. When there is < 30% canopy loss, there is 99% success rate. She discussed different products/chemicals for treatment and indicated various universities are conducting research. Information is available regarding insecticides by acreage and also as a guide for homeowners. Ash trees as small as 2" in diameter can be invaded by the EAB. The Illinois Department of Transportation ("IDOT") is holding an open meeting on October 24, 2012, which will address roadway infestations. She noted there is a type of wasp used as biological control for EAB; the wasp is non-stinging and prefers sandy soil. However, it's difficult for the wasp to reproduce in Illinois because we don't have sandy soil conditions other than baseball fields and other places where sand is brought in where it didn't already exist.

Mr. Ziegler inquired as to the effectiveness of injection treatments against EAB. Ms. Dierich reported injection treatments are effective and better for the environment because the ground around the tree does not absorb the chemicals.

Meeting break at 7:50 p.m. Meeting resumed at 8:10 p.m.

Mr. Suhr provided an update on the City's EAB program. There were 5,400 ash trees in the City initially; 300 trees are under treatment; the City is removing and replacing almost all ash trees. St. Charles is at the top part of the curve mentioned by Ms. Dierich. During a 3 year period, the City will remove 3,000 ash trees. The cost of the EAB

program is \$3 million to remove and replace the trees. The removal process is going faster than anticipated.

Mr. Haines of Batavia provided an update on their EAB program, which is smaller in scale with 300 trees removed in 2011 and 500 – 600 trees to be removed in 2012. They are now half way through. Mainly trees 20” and smaller are still to be removed. Batavia is not replacing tree for tree; they are replacing only through the 50/50 program. In 2013 they will offer small trees. He discussed the subdivision on Western Avenue, which has 200 homes and 200 ash trees. They are working on diversity and tree surveys, but currently have mainly maple and ash trees.

Mr. Dillon reported that in 1999 Batavia passed an ordinance and executed agreements with housing developers in order to control parkway tree diversity. Batavia charged builders a fee which went into a fund for tree planting, whereby the city could control species and spacing of trees. The ordinance is still in effect.

Ms. Carter reported that Geneva has a 50/50 program and plants 285 – 300 trees per year. Geneva has held fund-raising events and last year a wine fund-raising event netted \$7,000. The Geneva Natural Resources Committee (“GNR”) held the wine event at the Geneva History Center. Geneva also raised funds through “Rain Barrels on Parade” decorated rain barrels which were sold to residents and netted \$5,000 in the past; this year’s proceeds were \$1,000 as perhaps everyone interested in having a rain barrel participated previously. GNR gives the funds raised to the City of Geneva and collaborates with the city to complete projects. Additionally, the Lions Club donated \$500 to plant white oak trees in Geneva.

Mr. Bangs asked if Batavia was holding any fund-raisers. Mr. Haines explained that approximately 5–7 years ago Batavia had a “Heritage Oaks” program. Seeds were collected from 3 different types of oak trees which were then propagated by a local nursery. The trees were put back into the community and given away as part of an Arbor Day celebration. He noted Batavia uses email blasts to remind residents to water.

Ms. Blaine commented that the Forest Preserve is growing acorns for planting by the Forest Preserve.

Mr. Ziegler noted Ash tree seed collection is needed so we can someday grow ash trees again. Ms. Blaine stated this would be a good project to have school children get involved in; Ms. Otto will follow-up on this suggestion.

Mr. Dillon asked if there is any mandatory removal of ash trees. Mr. Suhr stated the City has a hazard tree ordinance, but it has not been used to any great extent yet. Batavia has an ordinance that requires the removal of hazardous trees within 30 days. Mr. Adesso commented the removal of ash trees by Homeowners’ Associations and private owners is really increasing.

Mr. Suhr asked if there were any suggestions for grants for EAB. There was a \$20,000 Mayors' Caucus previously, but there are no re-grants. The Illinois DNR has small grants available.

**6. Adjournment**

The meeting adjourned at 8:40 p.m.

/md



ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title: EAB Control Efforts – Information Only

Presenter:

*Please check appropriate box:*

<input checked="" type="checkbox"/>	Government Operations	X	Government Services 11.26.2012
<input type="checkbox"/>	Planning & Development		City Council
<input type="checkbox"/>	Public Hearing		

Estimated Cost:		Budgeted:	YES		NO	
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If NO, please explain how item will be funded:

**Executive Summary:**

Monthly update on EAB activities for November 2012. This update provides detailed information about the EAB infestation including EAB confirmation status and ash trees proposed to be removed beginning in the month of January, 2013.

**Attachments:** *(please list)*

Summary Sheet

**Recommendation / Suggested Action** *(briefly explain):*

For information only.

*For office use only:*

*Agenda Item Number: 3.c*

Summary Report  
EAB Proposed Removals November 26, 2012

Quadrant	Address	Suffix	Street	Side	Site	DBH	Condition	Maintenance	Species
FW	246		Fairhaven Dr	Front	1	5	EAB	Proposed Removal-FW	Fraxinus americana 'Rosehill White'
FW	266		Fairhaven Dr	Front	1	10	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	271		Fairhaven Dr	Front	1	4	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	291		Fairhaven Dr	Front	1	8	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Patmore'
FW	319		Fairmont Ct	Front	1	6	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	324		Fairmont Ct	Front	1	7	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	503		Heritage Ct.	Side	2	6	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Summit'
FW	441		Horizon Dr. West	Side	5	6	EAB	Proposed Removal-FW	Fraxinus americana 'Rosehill White'
FW	441		Horizon Dr. West	Side	6	6	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	503		Horizon Dr. West	Side	8	6	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	2917		Langston Circle	Front	1	6	EAB	Proposed Removal-FW	Fraxinus pennsylvanica Marshall Seedless
FW	3040		Langston Circle	Side	4	6	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Patmore'
FW	263		Pleasant Plains Dr	Front	1	6	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	3240		Pleasant Plains Dr	Front	2	7	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	3240		Pleasant Plains Dr	Front	3	3	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	180		Red Rose Dr	Side	1	5	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	3214	x	Red Rose Dr	Front	1	12	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	3214	x	Red Rose Dr	Front	2	12	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	309		Red Sky Dr.	Front	1	9	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Summit'
FW	3401	X	Springfield Way	Front	1	10	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	3315		St. Michel Ct.	Front	1	8	EAB	Proposed Removal-FW	Fraxinus americana 'Rosehill White'
FW	3325		St. Michel Ct.	Front	1	8	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Summit'
FW	3031		St. Michel Ln	Front	1	4	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	3036		St. Michel Ln	Front	2	5	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	3036		St. Michel Ln	Side	1	5	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Summit'
FW	3036		St. Michel Ln	Side	2	5	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Summit'
FW	3036		St. Michel Ln	Side	4	3	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	3150		St. Michel Ln	Front	2	6	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Summit'
FW	206		Sunbury Dr	Front	1	5	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	267		Sunbury Dr	Front	1	8	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	300		Tower Hill Dr	Front	1	6	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	301		Tower Hill Dr	Front	1	8	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	323		Tower Hill Dr	Front	1	12	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'

Summary Report  
EAB Proposed Removals November 26, 2012

Quadrant	Address	Suffix	Street	Side	Site	DBH	Condition	Maintenance	Species
FW	271		Valley View Dr	Front	2	5	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	433		Valley View Dr	Front	1	6	EAB	Proposed Removal-FW	Fraxinus americana 'Rosehill White'
NE	304		2nd Ave /N	Front	3	20	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	312		2nd Ave /N	Front	1	15	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	631		3rd Ave /N	Side	1	9	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	803		5th Ave /N	Front	1	6	EAB	Proposed Removal-NE	Fraxinus americana 'Rosehill White'
NE	809		5th Ave /N	Front	3	16	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1022		6th Ave /N	Front	1	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1908		Bluegrass Ct	Side	3	18	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	876	X	Country Club Rd	Front	17	15	EAB	Proposed Removal-NE	Fraxinus americana 'Rosehill White'
NE	876	X	Country Club Rd	Front	22	17	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	876	X	Country Club Rd	Front	23	22	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	3755		E. Main St.	Front	1	24	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	709	X	Foxfield Ct	Median	1	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	709	X	Foxfield Ct	Median	2	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	709	X	Foxfield Ct	Median	3	11	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1001	X	Foxfield Dr	Front	1	10	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1001	X	Foxfield Dr	Front	2	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1001	X	Foxfield Dr	Front	7	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1001	X	Foxfield Dr	Front	8	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1001	X	Foxfield Dr	Front	10	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1002	X	Foxfield Dr	Front	1	8	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1501		Keim Ct	Front	3	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1501		Keim Ct	Side	2	10	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1501		Keim Ct	Side	4	11	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1510	X	Keim Ct	Front	2	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1510	X	Keim Ct	Front	3	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1101		Keim Tr	Front	1	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1315		Keim Tr	Front	1	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1402		Keim Tr	Front	3	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1501		Keim Tr	Front	3	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1506		Keim Tr	Front	1	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1506		Keim Tr	Front	2	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'

Summary Report  
EAB Proposed Removals November 26, 2012

Quadrant	Address	Suffix	Street	Side	Site	DBH	Condition	Maintenance	Species
NE	1506		Keim Tr	Front	3	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1510		Keim Tr	Front	1	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1510		Keim Tr	Front	2	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1510		Keim Tr	Front	3	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1514		Keim Tr	Front	1	15	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1514		Keim Tr	Front	2	15	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1514		Keim Tr	Front	3	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	3410	X	Majestic Oaks Ln	Front	1	8	EAB	Proposed Removal-NE	Fraxinus americana 'Autumn Purple'
NE	3410	X	Majestic Oaks Ln	Front	2	6	EAB	Proposed Removal-NE	Fraxinus americana 'Autumn Purple'
NE	3410	X	Majestic Oaks Ln	Front	3	7	EAB	Proposed Removal-NE	Fraxinus americana 'Autumn Purple'
NE	3418	X	Majestic Oaks Ln	Front	14	8	EAB	Proposed Removal-NE	Fraxinus americana 'Autumn Purple'
NE	3418	X	Majestic Oaks Ln	Front	16	8	EAB	Proposed Removal-NE	Fraxinus americana 'Autumn Purple'
NE	3418	X	Majestic Oaks Ln	Front	18	8	EAB	Proposed Removal-NE	Fraxinus americana 'Autumn Purple'
NE	601		Marion Ave	Front	2	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	610		Marion Ave	Front	1	9	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	2502		Muirfield Ct	Front	1	20	EAB	Proposed Removal-NE	Fraxinus americana 'Rosehill White'
NE	2502		Muirfield Ct	Side	1	8	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	2502		Muirfield Ct	Side	3	8	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	2502		Muirfield Ct	Side	4	8	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	2502		Muirfield Ct	Side	5	8	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	2503		Muirfield Ct	Front	2	18	EAB	Proposed Removal-NE	Fraxinus americana 'Rosehill White'
NE	2503		Muirfield Ct	Front	3	13	EAB	Proposed Removal-NE	Fraxinus americana 'Rosehill White'
NE	2507		Muirfield Ct	Front	1	21	EAB	Proposed Removal-NE	Fraxinus americana 'Rosehill White'
NE	6		Squire Ln	Side	1	7	EAB	Proposed Removal-NE	Fraxinus pennsylvanica Marshall Seedless
NE	6		Squire Ln	Side	9	12	EAB	Proposed Removal-NE	Fraxinus americana 'Rosehill White'
NE	6		Squire Ln	Side	19	6	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	750		Stonehedge Rd	Front	1	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	10		Stonewood Dr	Front	1	13	EAB	Proposed Removal-NE	Fraxinus americana 'Rosehill White'
NE	1002		Sutton Pl	Side	2	6	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1006		Sutton Pl	Front	1	16	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1005		Thoroughbred Cir	Front	1	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1009		Thoroughbred Cir	Front	2	10	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1109		Thoroughbred Cir	Front	2	15	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'

Summary Report  
EAB Proposed Removals November 26, 2012

Quadrant	Address	Suffix	Street	Side	Site	DBH	Condition	Maintenance	Species
NE	1217		Thoroughbred Cir	Front	1	16	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	519		Wing Ln	Front	2	26	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	536		Wing Ln	Front	2	26	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NW	3001		Easton Pl	Side	1	12	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	3001		Easton Pl	Side	2	12	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	3001		Easton Pl	Side	4	8	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	3001		Easton Pl	Side	5	8	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	3618		Grandview Ct.	Front	2	7	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	3705		Grandview Ct.	Front	3	6	EAB	Proposed Removal-NW	Fraxinus americana 'Windy City White'
NW	3726		Grandview Ct.	Side	3	6	EAB	Proposed Removal-NW	Fraxinus americana 'Windy City White'
NW	3802		Grandview Ct.	Side	1	6	EAB	Proposed Removal-NW	Fraxinus americana 'Windy City White'
NW	3826		Grandview Ct.	Front	1	6	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Patmore'
NW	3833		Grandview Ct.	Front	1	6	EAB	Proposed Removal-NW	Fraxinus americana 'Windy City White'
NW	4055		Meadow View Dr.	Front	1	3	EAB	Proposed Removal-NW	Fraxinus americana 'Autumn Purple'
NW	4055		Meadow View Dr.	Front	2	3	EAB	Proposed Removal-NW	Fraxinus americana 'Autumn Purple'
NW	4070		Meadow View Dr.	Front	3	3	EAB	Proposed Removal-NW	Fraxinus americana 'Autumn Purple'
NW	4241		Meadow View Dr.	Front	1	3	EAB	Proposed Removal-NW	Fraxinus americana 'Autumn Purple'
NW	602		N. Meadow View Dr.	Front	1	3	EAB	Proposed Removal-NW	Fraxinus americana 'Autumn Purple'
NW	4012		Prairie Crossing Dr.	Front	2	6	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Summit'
NW	4032		Prairie Crossing Dr.	Front	3	6	EAB	Proposed Removal-NW	Fraxinus americana 'Autumn Purple'
NW	4052		Prairie Crossing Dr.	Front	1	5	EAB	Proposed Removal-NW	Fraxinus americana 'Autumn Purple'
NW	4055		Prairie Crossing Dr.	Front	1	6	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Summit'
NW	4055		Prairie Crossing Dr.	Front	2	6	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Summit'
NW	2005		Red Haw Ln	Front	2	13	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	2005		Red Haw Ln	Front	3	12	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	501		River Ridge Dr.	Front	2	5	EAB	Proposed Removal-NW	Fraxinus americana 'Autumn Purple'
NW	2030		Thornwood Cir	Front	1	10	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	910		Thornwood Dr	Front	1	5	EAB	Proposed Removal-NW	Fraxinus quadrangulata 'Blue'
SE	311		12th Ave /S	Front	1	10	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	311	X	1st Ave /N	Front	1	14	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	214		2nd Ave /S	Front	3	21	EAB	Proposed Removal-SE	Fraxinus americana 'Rosehill White'
SE	304		2nd Ave /S	Front	1	32	EAB	Proposed Removal-SE	Fraxinus americana 'Rosehill White'
SE	311		3rd Ave /S	Front	2	16	EAB	Proposed Removal-SE	Fraxinus americana 'Rosehill White'

Summary Report  
EAB Proposed Removals November 26, 2012

Quadrant	Address	Suffix	Street	Side	Site	DBH	Condition	Maintenance	Species
SE	316		3rd Ave /S	Front	2	38	EAB	Proposed Removal-SE	Fraxinus americana 'Rosehill White'
SE	316		3rd Ave /S	Side	1	23	EAB	Proposed Removal-SE	Fraxinus americana 'Rosehill White'
SE	814		4th Pl	Front	2	29	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	103		5th Ave /S	Side	2	24	EAB	Proposed Removal-SE	Fraxinus americana 'Rosehill White'
SE	1009		6th Ave /S	Front	1	27	EAB	Proposed Removal-SE	Fraxinus americana 'Rosehill White'
SE	1010		6th Ave /S	Front	2	14	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1010		6th Ave /S	Front	3	26	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	804	X	7th Ave /S	Front	5	16	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	804	X	7th Ave /S	Front	7	12	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	804	X	7th Ave /S	Front	9	10	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1838	X	7th Ave /S	Front	9	16	EAB	Proposed Removal-SE	Fraxinus americana 'Rosehill White'
SE	1843		7th Ave /S	Side	1	12	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1843		7th Ave /S	Side	4	12	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1401		Adams Ave	Front	2	17	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1473		Adams Ave	Front	1	18	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1473		Adams Ave	Side	1	26	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1473		Adams Ave	Side	2	27	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1312		Adams Ct	Rear	2	12	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1405		Banbury Ave	Side	2	22	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1466		Banbury Ave	Front	1	23	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1503		Banbury Ave	Front	2	15	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1532		Banbury Ave	Front	1	21	EAB	Proposed Removal-SE	Fraxinus pennsylvanica Marshall Seedless
SE	1533		Banbury Ave	Side	1	26	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1551		Banbury Ave	Side	2	19	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1554		Banbury Ave	Front	1	13	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1500		Banbury Ct	Side	3	20	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1555		Deerfield Ct	Front	1	14	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1557		Deerfield Ct	Front	1	30	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1559		Deerfield Ct	Front	2	18	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	950		Independence Ave	Front	3	27	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1025		Independence Ave	Front	2	22	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1050		Independence Ave	Front	1	27	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1055		Independence Ave	Front	1	28	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'

Summary Report  
EAB Proposed Removals November 26, 2012

Quadrant	Address	Suffix	Street	Side	Site	DBH	Condition	Maintenance	Species
SE	1060		Independence Ave	Front	1	26	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1110		Independence Ave	Front	1	12	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1113		Independence Ave	Front	2	27	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1141		Independence Ave	Front	1	28	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1509		Independence Ave	Front	1	17	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1519		Independence Ave	Front	1	22	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1519		Independence Ave	Front	2	22	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1529		Independence Ave	Front	1	12	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1529		Independence Ave	Front	2	18	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1539		Independence Ave	Front	1	17	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1540		Independence Ave	Front	1	22	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1549		Independence Ave	Front	1	20	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1559		Independence Ave	Front	2	22	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1570		Independence Ave	Front	2	15	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1570		Independence Ave	Side	1	13	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1579		Independence Ave	Front	1	22	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1589		Independence Ave	Side	1	10	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	615		Jefferson Ave	Side	1	24	EAB	Proposed Removal-SE	Fraxinus americana 'Rosehill White'
SE	615		Jefferson Ave	Side	2	25	EAB	Proposed Removal-SE	Fraxinus americana 'Rosehill White'
SE	1323		Lancaster Ave	Front	1	18	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	710		Lexington Ave	Front	2	33	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	720		Lexington Ave	Front	1	23	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	740		Lexington Ave	Front	2	26	EAB	Proposed Removal-SE	Fraxinus pennsylvanica Marshall Seedless
SE	740		Lexington Ave	Side	3	17	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	800		Lexington Ave	Side	1	15	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1463		Liberty Ct	Front	1	14	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	816		Madison Ave	Side	2	18	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	831		Madison Ave	Front	1	16	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	831		Madison Ave	Front	2	16	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1	X	Prairie St	Front	1	4	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1	X	Prairie St	Front	2	6	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	422	x	Riverside Ave	Rear	4	6	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Summit'
SE	804		South Ave	Front	1	10	EAB	Proposed Removal-SE	Fraxinus americana 'Rosehill White'

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Quadrant	Address	Suffix	Street	Side	Site	DBH	Condition	Maintenance	Species
SE	1625	X	Tyler Rd	Front	4	14	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1625	X	Tyler Rd	Front	7	12	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1610		Tyler Rd /S	Front	1	15	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1610		Tyler Rd /S	Front	2	19	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1612		Tyler Rd /S	Front	1	14	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1614		Tyler Rd /S	Front	1	15	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1614		Tyler Rd /S	Front	2	17	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1708		Tyler Rd /S	Front	2	17	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1802		Tyler Rd /S	Front	2	16	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1802		Tyler Rd /S	Side	1	10	EAB	Proposed Removal-SE	Fraxinus pennsylvanica Marshall Seedless
SE	1802		Tyler Rd /S	Side	3	14	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	417		Union Ave	Front	1	14	EAB	Proposed Removal-SE	Fraxinus pennsylvanica Marshall Seedless
SE	1750		Wallace Ave	Front	4	5	EAB	Proposed Removal-SE	Fraxinus americana 'Windy City White'
SE	1750		Wallace Ave	Front	5	5	EAB	Proposed Removal-SE	Fraxinus americana 'Windy City White'
SE	1750		Wallace Ave	Front	18	5	EAB	Proposed Removal-SE	Fraxinus americana 'Windy City White'
SE	1750		Wallace Ave	Front	19	5	EAB	Proposed Removal-SE	Fraxinus americana 'Windy City White'
SE	1750		Wallace Ave	Front	31	6	EAB	Proposed Removal-SE	Fraxinus americana 'Windy City White'
SE	1750		Wallace Ave	Front	32	6	EAB	Proposed Removal-SE	Fraxinus americana 'Windy City White'
SE	1775		Wallace Ave	Front	1	4	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1775		Wallace Ave	Front	7	5	EAB	Proposed Removal-SE	Fraxinus americana 'Windy City White'
SE	1775		Wallace Ave	Front	8	5	EAB	Proposed Removal-SE	Fraxinus americana 'Windy City White'
SE	1775		Wallace Ave	Front	9	5	EAB	Proposed Removal-SE	Fraxinus americana 'Windy City White'
SE	1775		Wallace Ave	Front	12	3	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1815		Wallace Ave	Front	1	6	EAB	Proposed Removal-SE	Fraxinus americana 'Autumn Purple'
SE	1815		Wallace Ave	Front	2	6	EAB	Proposed Removal-SE	Fraxinus americana 'Autumn Purple'
SE	1815		Wallace Ave	Front	5	6	EAB	Proposed Removal-SE	Fraxinus americana 'Autumn Purple'
SE	1815		Wallace Ave	Front	9	5	EAB	Proposed Removal-SE	Fraxinus americana 'Autumn Purple'
SE	1815		Wallace Ave	Front	10	6	EAB	Proposed Removal-SE	Fraxinus pennsylvanica 'Cimmaron'
SE	1830		Wallace Ave	Front	2	5	EAB	Proposed Removal-SE	Fraxinus americana 'Windy City White'
SE	1830		Wallace Ave	Front	3	5	EAB	Proposed Removal-SE	Fraxinus americana 'Windy City White'
SW	1224		12th St /S	Front	1	7	EAB	Proposed Removal-SW	Fraxinus pennsylvanica Marshall Seedless
SW	1233		3rd St /S	Side	1	11	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'
SW	1400		3rd St /S	Side	3	2	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'

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Quadrant	Address	Suffix	Street	Side	Site	DBH	Condition	Maintenance	Species
SW	1409		3rd St /S	Front	1	9	EAB	Proposed Removal-SW	Fraxinus pennsylvanica Marshall Seedless
SW	1010		4th St /S	Front	1	6	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'
SW	1020		4th St /S	Front	1	3	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'
SW	1132		4th St /S	Side	1	10	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'
SW	19		5th St /S	Front	4	21	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'
SW	19		5th St /S	Front	5	3	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'
SW	114		5th St /S	Front	2	3	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'
SW	614		7th St /S	Front	1	4	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'
SW	621		7th St /S	Front	1	3	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'
SW	912		7th St /S	Front	1	2	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'
SW	1132		Ash St	Side	3	8	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'
SW	1313		Fox Glade Ct	Front	2	14	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'
SW	99		Horne St	Front	4	24	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'
SW	417		Mckinley St	Front	3	22	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'
SW	68	X	Prairie St	Front	9	3	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'
SW	68	X	Prairie St	Front	10	3	EAB	Proposed Removal-SW	Fraxinus pennsylvanica Marshall Seedless
SW	68	X	Prairie St	Front	11	14	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'
SW	602		Prairie St	Front	1	3	EAB	Proposed Removal-SW	Fraxinus pennsylvanica 'Cimmaron'
SW	214		Walnut St	Front	3	20	EAB	Proposed Removal-SW	Fraxinus pennsylvanica Marshall Seedless
SW	214		Walnut St	Front	4	20	EAB	Proposed Removal-SW	Fraxinus pennsylvanica Marshall Seedless
SW	423		Walnut St	Front	1	3	EAB	Proposed Removal-SW	Fraxinus americana 'Autumn Applause'
FW	3417		Antoine Pl	Front	1	8	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	3706		Deville Ln	Side	1	10	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	3706		Deville Ln	Side	2	10	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	3738		Deville Ln	Side	1	8	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	3738		Deville Ln	Side	2	8	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	3754		Deville Ln	Front	2	5	EAB	Proposed Removal-FW	Fraxinus americana 'Rosehill White'
FW	3626		Matisse Dr	Side	1	9	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	3710		Matisse Dr	Front	1	6	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	150		Monet Pl	Front	2	10	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Summit'
FW	150		Monet Pl	Side	3	5	EAB	Proposed Removal-FW	Fraxinus americana 'Rosehill White'
FW	150		Monet Pl	Side	4	5	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	151		Monet Pl	Side	1	5	EAB	Proposed Removal-FW	Fraxinus americana 'Rosehill White'

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Quadrant	Address	Suffix	Street	Side	Site	DBH	Condition	Maintenance	Species
FW	166		Monet Pl	Front	1	10	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	167		Monet Pl	Front	2	8	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	175		Monet Pl	Front	2	10	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	183		Monet Pl	Front	1	8	EAB	Proposed Removal-FW	Fraxinus americana 'Rosehill White'
FW	183		Monet Pl	Front	2	8	EAB	Proposed Removal-FW	Fraxinus americana 'Rosehill White'
FW	169		Picasso Dr	Front	1	5	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	182		Picasso Dr	Front	2	10	EAB	Proposed Removal-FW	Fraxinus americana 'Rosehill White'
FW	3551		Provence Ct.	Front	1	3	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	3551		Provence Ct.	Front	2	3	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	3551		Provence Ct.	Side	2	3	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	3551		Provence Ct.	Side	3	3	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	3601		Provence Dr.	Side	3	3	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	151		Renaux Blvd	Front	2	6	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	159		Renaux Blvd	Front	1	6	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	159		Renaux Blvd	Front	2	8	EAB	Proposed Removal-FW	Fraxinus americana 'Rosehill White'
FW	167		Renaux Blvd	Front	1	6	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	175		Renaux Blvd	Front	1	4	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	184		Renaux Blvd	Front	2	11	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	9		St. Germain Pl	Front	3	3	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Purple'
FW	61		St. Germain Pl	Front	1	10	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	61		St. Germain Pl	Front	2	7	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	61		St. Germain Pl	Front	3	6	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	67		St. Germain Pl	Front	1	10	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	86		St. Germain Pl	Front	1	8	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Summit'
FW	110		St. Germain Pl	Front	1	10	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Summit'
FW	110		St. Germain Pl	Front	2	9	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Summit'
FW	133		St. Germain Pl	Front	1	5	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Cimmaron'
FW	3421		Voltaire Ln	Front	3	8	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Summit'
FW	3429		Voltaire Ln	Front	1	3	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Summit'
FW	3433		Voltaire Ln	Front	2	3	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Summit'
FW	3511		Voltaire Ln	Front	1	10	EAB	Proposed Removal-FW	Fraxinus americana 'Autumn Applause'
FW	3523		Voltaire Ln	Front	1	8	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Summit'
FW	3527		Voltaire Ln	Front	2	3	EAB	Proposed Removal-FW	Fraxinus pennsylvanica 'Summit'

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Quadrant	Address	Suffix	Street	Side	Site	DBH	Condition	Maintenance	Species
NE	1905		Bridle Ct	Front	1	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1913		Bridle Ct	Front	1	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1913		Bridle Ct	Front	2	15	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	2001		Bridle Ct	Front	3	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	2001		Bridle Ct	Front	4	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	2001		Bridle Ct	Front	5	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	2118		Bridle Ct	Front	2	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	217		Chasse Cir	Front	1	10	EAB	Proposed Removal-NE	Fraxinus pennsylvanica Marshall Seedless
NE	1060		Crabapple Ln	Front	4	20	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1225		Crabapple Ln	Front	2	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1900		Fairfax Rd	Front	1	11	EAB	Proposed Removal-NE	Fraxinus americana 'Rosehill White'
NE	1920		Fairfax Rd	Front	1	11	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1920		Fairfax Rd	Front	2	11	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1920		Fairfax Rd	Front	3	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	412		Fulton Ave	Side	1	8	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Summit'
NE	41		Highgate Course	Front	2	17	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	46		Highgate Course	Front	1	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	46		Highgate Course	Front	2	20	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	77		Highgate Course	Front	1	18	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	118		Highgate Course	Front	1	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	118		Highgate Course	Front	2	15	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	134		Highgate Course	Side	2	10	EAB	Proposed Removal-NE	Fraxinus americana 'Autumn Purple'
NE	405		Hunt Club Dr	Front	1	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	405		Iroquois Ave	Front	3	11	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	3706		King Charles Ln	Rear	1	7	EAB	Proposed Removal-NE	Fraxinus pennsylvanica Marshall Seedless
NE	3708		King Charles Ln	Rear	1	5	EAB	Proposed Removal-NE	Fraxinus pennsylvanica Marshall Seedless
NE	901		King Edward Ave	Side	4	9	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Patmore'
NE	908		King Edward Ave	Front	2	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Summit'
NE	908		King Edward Ave	Front	3	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Summit'
NE	1104		King Edward Ave	Front	2	4	EAB	Proposed Removal-NE	Fraxinus americana 'Royal Purple'
NE	1402		King Edward Ave	Front	2	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica Marshall Seedless
NE	1701		King Edward Ave	Front	1	9	EAB	Proposed Removal-NE	Fraxinus americana 'Autumn Purple'
NE	1702		King Edward Ave	Front	2	7	EAB	Proposed Removal-NE	Fraxinus americana 'Windy City White'

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Quadrant	Address	Suffix	Street	Side	Site	DBH	Condition	Maintenance	Species
NE	2002		King Edward Ave	Side	1	9	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Summit'
NE	2002		King Edward Ave	Side	2	11	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Summit'
NE	3701		King George Ln	Side	1	6	EAB	Proposed Removal-NE	Fraxinus americana 'Rosehill White'
NE	3708		King George Ln	Side	6	9	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	905		King James Ave	Front	2	10	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1001		King James Ave	Front	1	11	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1004		King James Ave	Front	1	11	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Summit'
NE	1004		King James Ave	Front	2	11	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Summit'
NE	1104		King James Ave	Front	1	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Summit'
NE	1104		King James Ave	Front	2	11	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Summit'
NE	1501		King James Ave	Front	1	9	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	2801		King James Ave	Front	2	6	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Patmore'
NE	3805		King James Ct	Front	1	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	3807		King James Ct	Front	1	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	2401		King Richard Cir	Front	1	11	EAB	Proposed Removal-NE	Fraxinus americana 'Autumn Purple'
NE	2401		King Richard Cir	Front	2	11	EAB	Proposed Removal-NE	Fraxinus americana 'Autumn Purple'
NE	3011		King Richard Cir	Front	1	9	EAB	Proposed Removal-NE	Fraxinus pennsylvanica Marshall Seedless
NE	3011		King Richard Cir	Front	2	9	EAB	Proposed Removal-NE	Fraxinus pennsylvanica Marshall Seedless
NE	3014		King Richard Cir	Front	1	8	EAB	Proposed Removal-NE	Fraxinus pennsylvanica Marshall Seedless
NE	3751		King William Ct	Front	1	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	3753		King William Ct	Front	1	10	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	3754		King William Ct	Front	2	11	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	2952		Majestic Oaks Dr	Front	2	6	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Patmore'
NE	3418		Majestic Oaks Dr	Front	2	8	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Summit'
NE	3425		Majestic Oaks Dr	Front	1	6	EAB	Proposed Removal-NE	Fraxinus americana 'Autumn Purple'
NE	3425		Majestic Oaks Dr	Front	2	6	EAB	Proposed Removal-NE	Fraxinus americana 'Autumn Purple'
NE	3502		Majestic Oaks Dr	Front	3	6	EAB	Proposed Removal-NE	Fraxinus americana 'Autumn Purple'
NE	304		Park Ave	Front	1	6	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	325		Persimmon Dr	Front	2	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	355		Persimmon Dr	Front	2	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	375		Persimmon Dr	Front	1	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	375		Persimmon Dr	Front	3	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	395		Persimmon Dr	Front	1	16	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'

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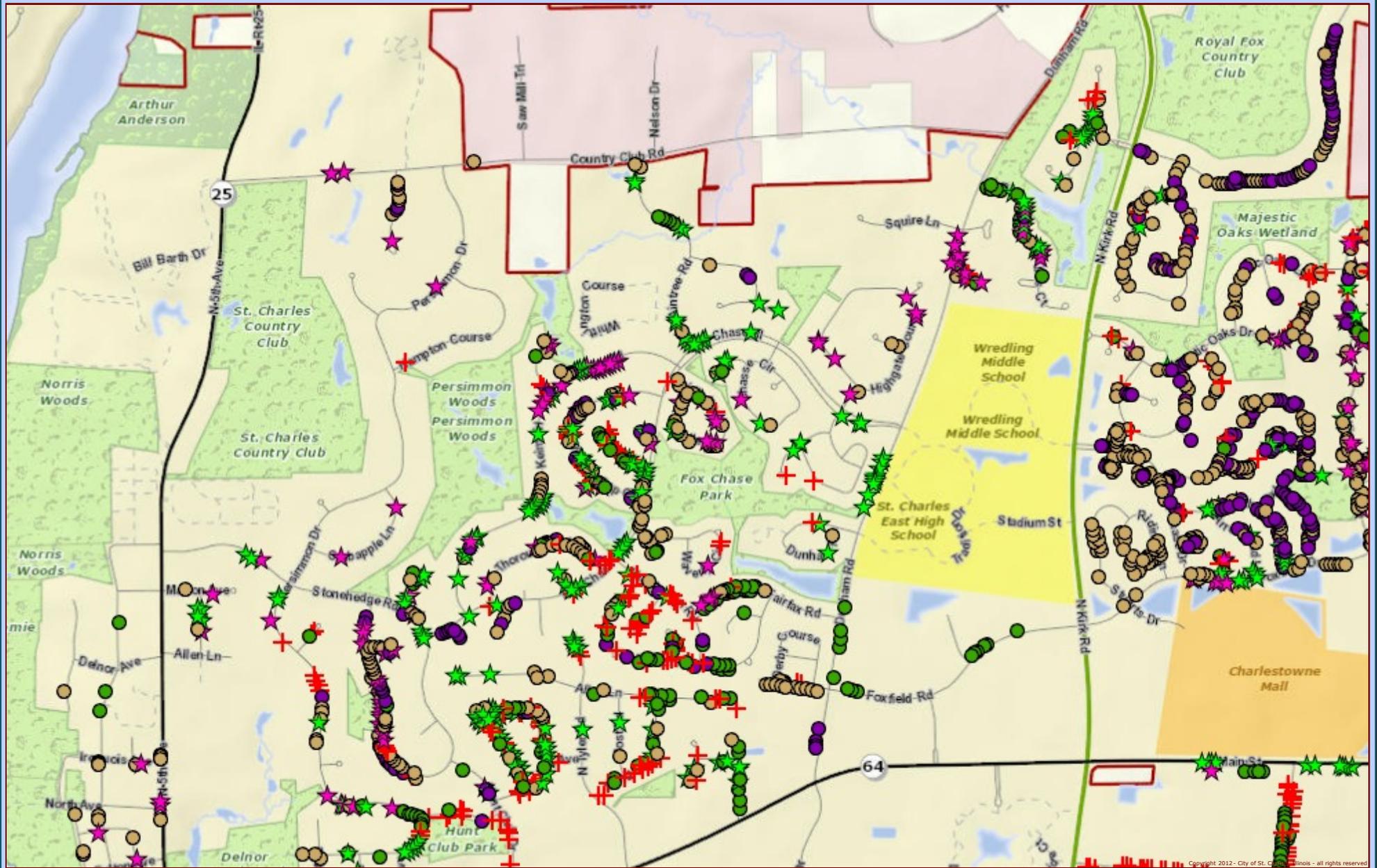
Quadrant	Address	Suffix	Street	Side	Site	DBH	Condition	Maintenance	Species
NE	975		Persimmon Dr	Front	2	21	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	2135		Persimmon Dr	Front	1	16	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1221		Quarterhorse Ct	Front	3	17	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	3756		Queen Anne Ct	Front	1	9	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Summit'
NE	3702		Queen Elizabeth Ct	Front	1	3	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Patmore'
NE	3706		Queen Elizabeth Ct	Front	1	7	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Patmore'
NE	2504	X	Royal St Georges Ct	Front	1	16	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	2506		Royal St Georges Ct	Front	3	17	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	2602		Royal St Georges Ct	Front	5	15	EAB	Proposed Removal-NE	Fraxinus americana 'Rosehill White'
NE	2606		Royal St Georges Ct	Front	1	20	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	2607		Royal St Georges Ct	Front	3	13	EAB	Proposed Removal-NE	Fraxinus americana 'Rosehill White'
NE	2607		Royal St Georges Ct	Front	5	12	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	150		Smith Rd.	Front	22	9	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Summit'
NE	150		Smith Rd.	Front	25	9	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Summit'
NE	225		Smith Rd.	Front	3	10	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	225		Smith Rd.	Front	5	10	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	225		Smith Rd.	Front	6	5	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	225		Smith Rd.	Front	9	5	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	225		Smith Rd.	Front	12	5	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	225		Smith Rd.	Front	13	10	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	814		Steeplechase Ct	Front	1	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	816		Steeplechase Ct	Front	1	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	614		Steeplechase Rd	Front	1	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	614		Steeplechase Rd	Front	3	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	614		Steeplechase Rd	Front	4	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	799	X	Steeplechase Rd	Front	1	5	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	799	X	Steeplechase Rd	Front	3	8	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	799	X	Steeplechase Rd	Front	4	9	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	799	X	Steeplechase Rd	Front	5	10	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	799	X	Steeplechase Rd	Front	6	7	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	799	X	Steeplechase Rd	Front	7	11	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	799	X	Steeplechase Rd	Front	9	10	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	802		Steeplechase Rd	Front	1	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'

Summary Report  
EAB Proposed Removals November 26, 2012

Quadrant	Address	Suffix	Street	Side	Site	DBH	Condition	Maintenance	Species
NE	802		Steeplechase Rd	Front	2	18	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	901		Steeplechase Rd	Front	2	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	905		Steeplechase Rd	Front	1	17	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	905		Steeplechase Rd	Front	2	13	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1813		Waverly Cir	Front	2	16	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1217		Winners Cup Cir	Front	3	19	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1413		Winners Cup Cir	Front	2	14	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NE	1610		Winners Cup Cir	Front	2	16	EAB	Proposed Removal-NE	Fraxinus pennsylvanica 'Cimmaron'
NW	204		Abbeywood Dr.	Front	3	13	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	206		Abbeywood Dr.	Front	1	11	EAB	Proposed Removal-NW	Fraxinus americana 'Rosehill White'
NW	206		Abbeywood Dr.	Front	3	13	EAB	Proposed Removal-NW	Fraxinus americana 'Rosehill White'
NW	206		Abbeywood Dr.	Side	7	14	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	604		Chesapeake Rd	Front	1	8	EAB	Proposed Removal-NW	Fraxinus americana 'Rosehill White'
NW	3805		Chesapeake Rd	Front	1	10	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	2702		Greenwood Ln	Side	3	12	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	2801		Greenwood Ln	Front	1	17	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	2803		Greenwood Ln	Front	3	15	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	2803		Greenwood Ln	Front	4	10	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	2805		Greenwood Ln	Front	3	15	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	2902		Greenwood Ln	Front	2	12	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	2902		Greenwood Ln	Side	2	12	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	3104		Greenwood Ln	Front	4	4	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	3202		Greenwood Ln	Front	5	3	EAB	Proposed Removal-NW	Fraxinus americana 'Rosehill White'
NW	3202		Greenwood Ln	Front	6	3	EAB	Proposed Removal-NW	Fraxinus americana 'Rosehill White'
NW	3203		Greenwood Ln	Front	1	9	EAB	Proposed Removal-NW	Fraxinus americana 'Rosehill White'
NW	3307		Greenwood Ln	Front	4	9	EAB	Proposed Removal-NW	Fraxinus americana 'Rosehill White'
NW	3601		Greenwood Ln	Front	1	4	EAB	Proposed Removal-NW	Fraxinus americana 'Rosehill White'
NW	3606		Greenwood Ln	Front	1	7	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Patmore'
NW	3607		Greenwood Ln	Front	4	6	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Summit'
NW	3703		Greenwood Ln	Front	1	5	EAB	Proposed Removal-NW	Fraxinus americana 'Windy City White'
NW	3703		Greenwood Ln	Front	2	5	EAB	Proposed Removal-NW	Fraxinus americana 'Windy City White'
NW	3003		Pendleton Ct	Front	3	15	EAB	Proposed Removal-NW	Fraxinus americana 'Rosehill White'
NW	203		Windsor Cir	Front	1	6	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'

Summary Report  
EAB Proposed Removals November 26, 2012

Quadrant	Address	Suffix	Street	Side	Site	DBH	Condition	Maintenance	Species
NW	205		Windsor Cir	Front	2	8	EAB	Proposed Removal-NW	Fraxinus pennsylvanica 'Cimmaron'
NW	208		Windsor Cir	Front	5	3	EAB	Proposed Removal-NW	Fraxinus americana 'Rosehill White'
<b>Total November Proposed EAB Removals:</b>								<b>431</b>	
							<b>NE:</b>	<b>174</b>	
							<b>SE:</b>	<b>101</b>	
							<b>NW:</b>	<b>52</b>	
							<b>SW:</b>	<b>24</b>	
							<b>FW:</b>	<b>80</b>	
							YR1	Complete	
							YR2	431	



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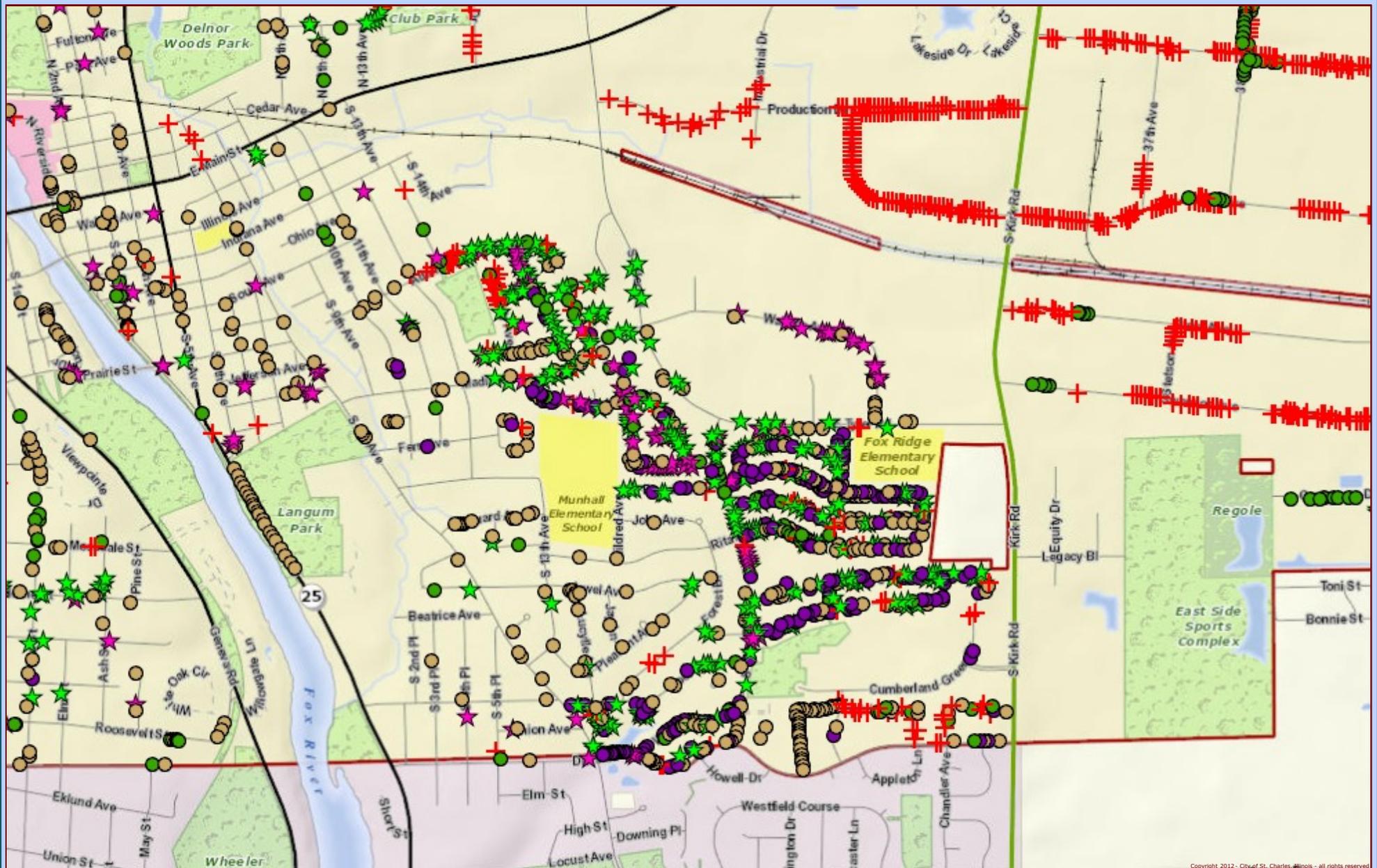


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City of St. Charles, Illinois  
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DuPage County, Illinois  
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November 2012 GSC EAB Map - NE Area 1

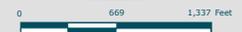
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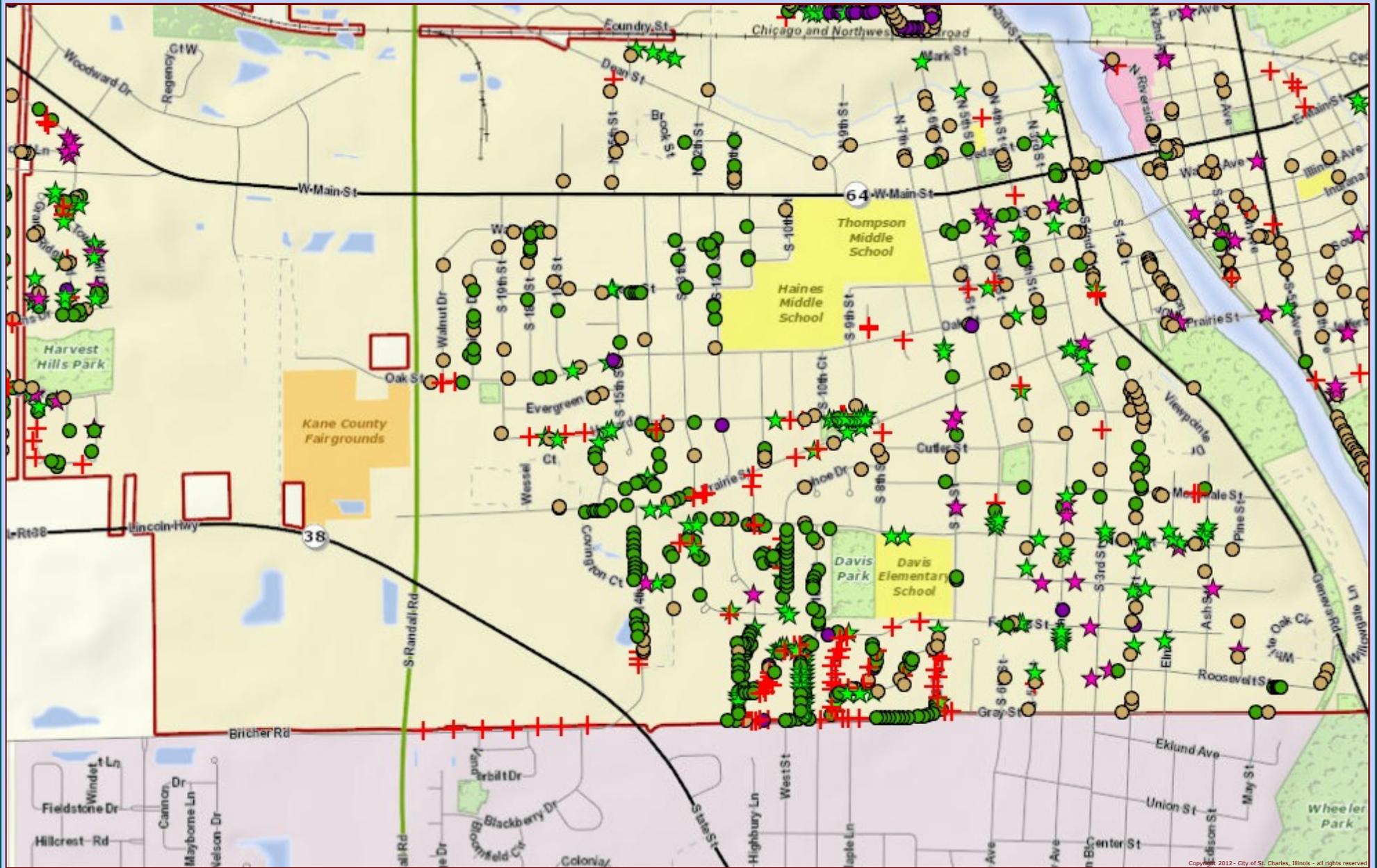


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November 2012 GSC EAB Map - SE Area 2

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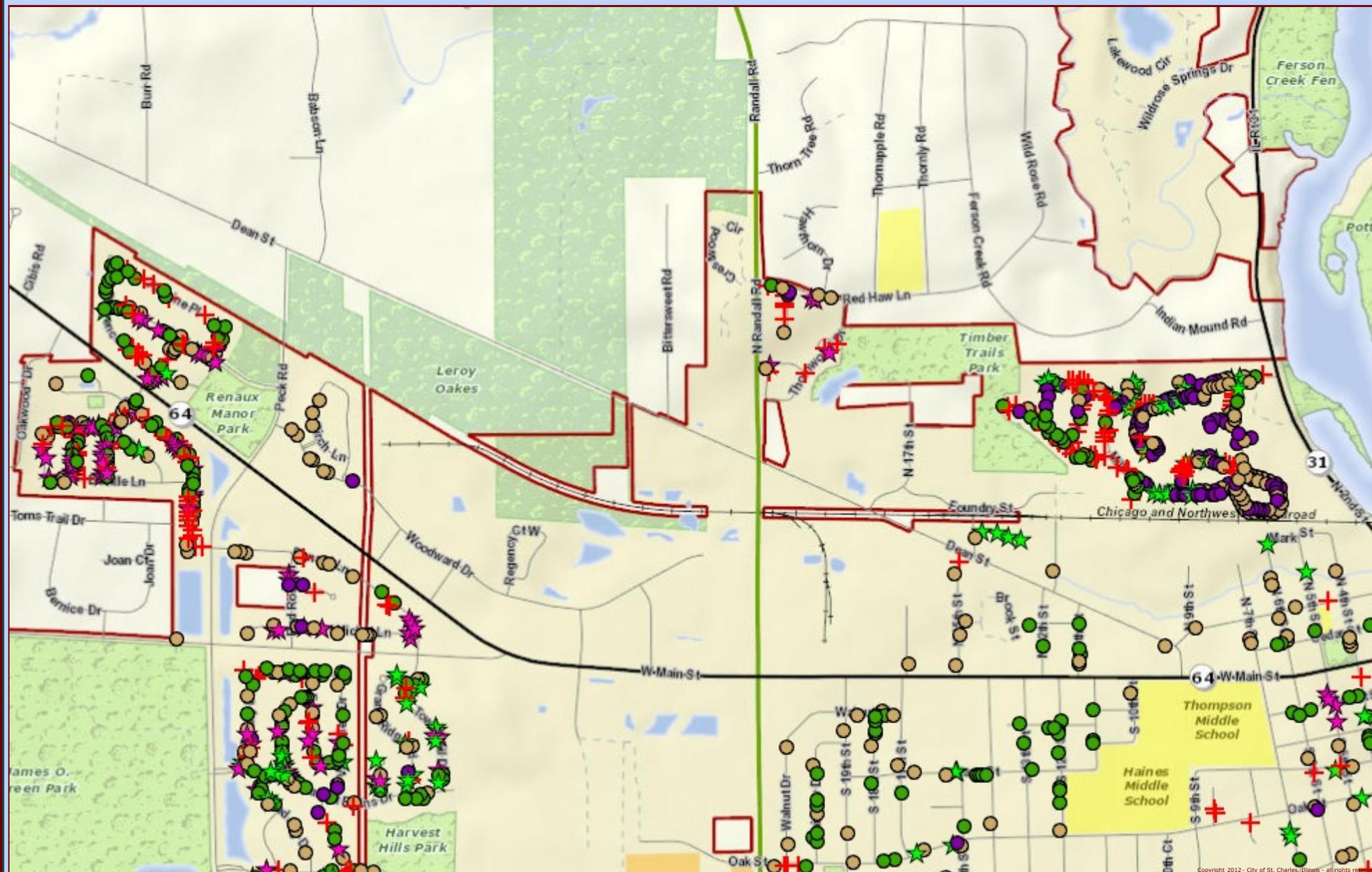


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November 2012 GSC EAB Map - SW Area 3

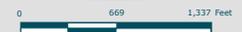
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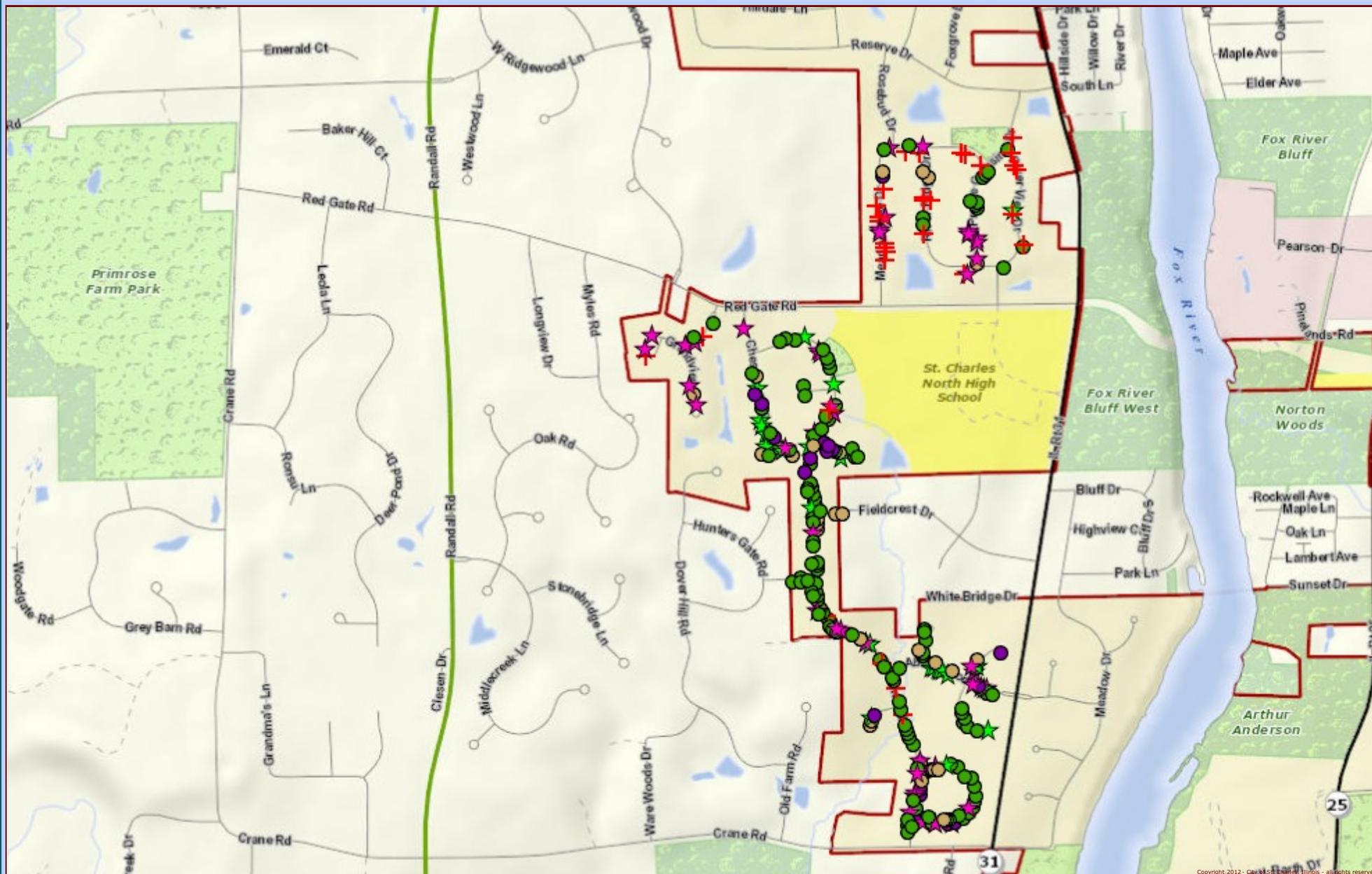


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November 2012 GSC EAB Map - FW and lower NW Area 4

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November 2012 GSC EAB Map - Upper far NW Area 5

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**AGENDA ITEM EXECUTIVE SUMMARY**



Title:	Recommendation to Approve Ordinance Amending Title 5 “Business Licenses and Regulations” – Adding a new Chapter 5.52 “Horse-drawn Carriages”
Presenter:	Chief Lamkin

*Please check appropriate box:*

Government Operations	X	Government Services 11.26.12
Planning & Development		City Council
Public Hearing		

Estimated Cost:	\$0	Budgeted:	YES		NO	X
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If NO, please explain how item will be funded:

**Executive Summary:**

The Police Department was contacted by a horse-drawn carriage operator expressing their interest in providing this unique business opportunity for the City of St. Charles. The proposed ordinance has been reviewed by Robin Jones of Gorski & Good, LLP.

The intent for these proposed routes is to provide for a scenic tour of the downtown area while also minimizing the effect on the motoring public. A similar route was used during this year’s Scarecrow Fest by the stage coach attraction and is also intended to be used by a horse and sleigh/carriage during this year’s Downtown Partnership Holiday Homecoming event.

**Attachments:** *(please list)*

Revised Ordinance for Title 5, addition of Chapter 5.52 “Horse-drawn Carriages”

**Recommendation / Suggested Action** *(briefly explain):*

Recommendation to approve Ordinance Amending Title 5 “Business Licenses and Regulations” – Adding a new Chapter 5.52 “Horse-drawn Carriages”.

For office use only:	Agenda Item Number: 4.a
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**City of St. Charles, Illinois**  
**Ordinance No. 2012-\_\_\_\_\_**

**An Ordinance Amending Title 5 “Business Licenses and Regulations” -  
Adding a New Chapter 5.52, “Horse-drawn Carriages” of the St. Charles  
Municipal Code**

WHEREAS, the City of St. Charles has received a request from a horse-drawn carriage operator to provide horse-drawn carriage services in the downtown St. Charles area; and

WHEREAS, the City Council concurs that horse-drawn carriages would be a nice service for downtown St. Charles; and

WHEREAS, in allowing such service, it is necessary to protect the health and safety of the community.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ST. CHARLES, KANE AND DUPAGE COUNTIES, ILLINOIS, AS FOLLOWS:

Section 1. That Title 5, “Business Licenses and Regulations”, of the St. Charles Municipal Code, be and is hereby amended by adding a new Chapter 5.52, “Horse-drawn Carriages”, as follows:

“Chapter 5.52

**HORSE-DRAWN CARRIAGES**

Sections:

- |          |  |
|----------|--|
| 5.52.010 | Definitions.   |
| 5.52.020 | Horse-drawn carriage company requirements.                   |
| 5.52.030 | Horse-drawn carriage requirements and operating regulations. |
| 5.52.040 | Horse-drawn carriage traffic regulations.                    |
| 5.52.050 | City right to revoke license.                                |

**5.52.010 Definitions.**

For the purpose of this chapter:

- A. "Carriage" means any device in, upon or by which any person is or may be transported or drawn upon a public way, designed to be or capable of being driven by a horse and carrying no more than six (6) passengers.
- B. "Carriage stand" means that portion of a curb lane designated by the city for loading and unloading of passengers for horse-drawn vehicles.
- C. "City" means the City of St. Charles, Illinois.
- D. "Horse" means an animal of the genus equus and shall be a draft or draft-cross horse.

More than fifty percent (50%) of the horse's blood line must be from a draft horse breed.

- E. "Person" means a natural person, partnership, firm, corporation or other legal entity.
- F. "Administrator" means city administrator or his/her designee for the city.

**5.52.020 Horse-drawn carriage company requirements.**

- A. Permit Required: No person or entity may conduct business as a horse-drawn carriage company on city streets without a valid, current horse-drawn carriage company permit issued by the city under section 5.52.030. Permits will be issued annually for the period May 1 through April 30 of each year. Horse-drawn carriage company permit fees are one hundred fifty dollars (\$150.00) for a year and must be renewed annually.
- B. Number of Permits Issued: Only two (2) horse-drawn carriage company permits shall be issued annually so the city can maintain safety and efficacy of a horse drawn carriage operation in downtown St. Charles.
- C. Background Check: Each applicant(s) must submit to a background check by the police department and be found to be of good moral character in the eyes of the law.
- D. Rates: Each horse-drawn carriage must prominently display the rate or other charge to be made for its service. This may be done by placing placard on the inside of the carriage or handing out a document with the rates attached.
- E. Insurance Requirements: Company permit holders must secure and maintain a commercial general liability policy reflecting limits of no less than one million dollars (\$1,000,000.00) per occurrence and two million dollars (\$2,000,000.00) aggregate for covered claims arising out of, but not limited to, bodily injury, property damage, personal and advertising injury, and contractual liability in the course of the permit holder's work under a for-hire horse-drawn carriage company permit. The insurance policy must allow for written notice to the administrator thirty (30) days before a policy is cancelled, will expire or be reduced in coverage.

**5.52.030 Horse-drawn carriage requirements and operating regulations.**

- A. Carriage Safety Sticker: Each horse-drawn carriage company must display a city safety sticker for each horse-drawn carriage being used in the operation. A safety sticker will be issued by the city police department upon a successful inspection of a carriage regarding the requirements put forth in subsections 5.52.030B and C. No horse-drawn carriage may carry more than seven (7) passengers at one time, including the driver or the maximum recommended weight for the carriage, whichever is less. The fee for the first carriage safety sticker is included in the cost of the horse-drawn carriage company permit, which must be renewed annually. However, each additional carriage safety sticker shall be fifty dollars (\$50.00) a year and must be obtained annually. The total number of carriage safety stickers issued to any horse-drawn carriage company each fiscal year shall be two (2).

- B. Mechanically Sound: Each horse-drawn carriage shall be mechanically sound, and not in a state of disrepair, with all equipment functional in the manner for which it was constructed.
- C. Safety Equipment: All horse-drawn carriages shall be equipped with two (2) electrified white lights visible for one thousand (1,000) feet to the front of the vehicle, and two (2) electrified red lights visible for one thousand (1,000) feet to the rear of the vehicle. All lights must be operational from sunset to sunrise and during the times of lessened visibility. Electrified directional signals are required at all times. Each horse-drawn carriage shall be equipped with working brakes that are capable of stopping the loaded vehicle on at least a ten-degree incline.
- D. Driver Requirements: Each horse-drawn carriage company shall ensure that the driver(s) of their carriage(s) has in his or her possession a current and valid Illinois driver's license, completed a background check by the city police department, and is at least twenty-one (21) years of age. The background check shall confirm that the driver has not been convicted of any felony, or any misdemeanor relating to decency, morality or traffic offenses.
- E. Passenger Conduct: All passengers must remain seated during the ride. No open alcohol shall be allowed in the carriage.
- F. Hours of Operation: The commercial horse-drawn carriages shall not be operated for hire between the hours of ten o'clock (10:00) p.m. and nine o'clock (9:00) a.m.
- G. Signage: Each horse-drawn carriage shall display a sign of no more than four (4) square feet on its exterior which identifies the horse drawn carriage permit holder and a contact phone number or a single sponsor and the contact phone number.
- H. Horses: The horses used to pull the horse-drawn carriages must meet the definition of horse in section 5.52.010D, be in good health and wear horse shoes that are in good condition.
- I. Sanitation Requirements: Each horse-drawn carriage shall be equipped with a container placed to catch all horse droppings. Such containers shall be large enough to hold and retain all droppings during a drive until return to the starting point of each trip. All containers shall be emptied and sanitized daily. Waste catchers must be in place and functioning properly at all times. It shall be the responsibility of the horse-drawn carriage operator to clean up any spillage and to dilute and eliminate accumulated agents and odors upon the urination of any horse with a solution to be approved by the city.
- J. No Unattended Carriages: Carriage drivers shall not leave the horse-drawn carriage unattended while it is parked at a carriage stand while waiting to be hired.

**5.52.040 Horse-drawn carriage traffic regulations.**

- A. Traffic Laws: Carriage drivers shall obey all traffic-control devices and rules of the road.

- B. Location On Street: All vehicles shall be driven in the right-hand lane available for traffic or as close as practicable to the right-hand curb or edge of the roadway. Each driver operating a horse-drawn carriage shall maintain the horse at a speed no faster than a walk or slow trot. Passenger loading and unloading will not be allowed on Main Street. Double parking should be avoided to the greatest extent feasible.
- C. Approved Locations: Horse-drawn carriages may only operate on approved local streets that have a posted speed limit of twenty-five (25) mph or less, unless crossing over an unauthorized street in accordance with the rules of the road and at a signalized intersection or with the specific assistance of an on-duty city police officer. The city will designate the approved streets or areas that horse drawn carriages may operate in by developing an approved map. The police department will also designate appropriate carriage stand locations where carriages can park as they load and unload passengers.

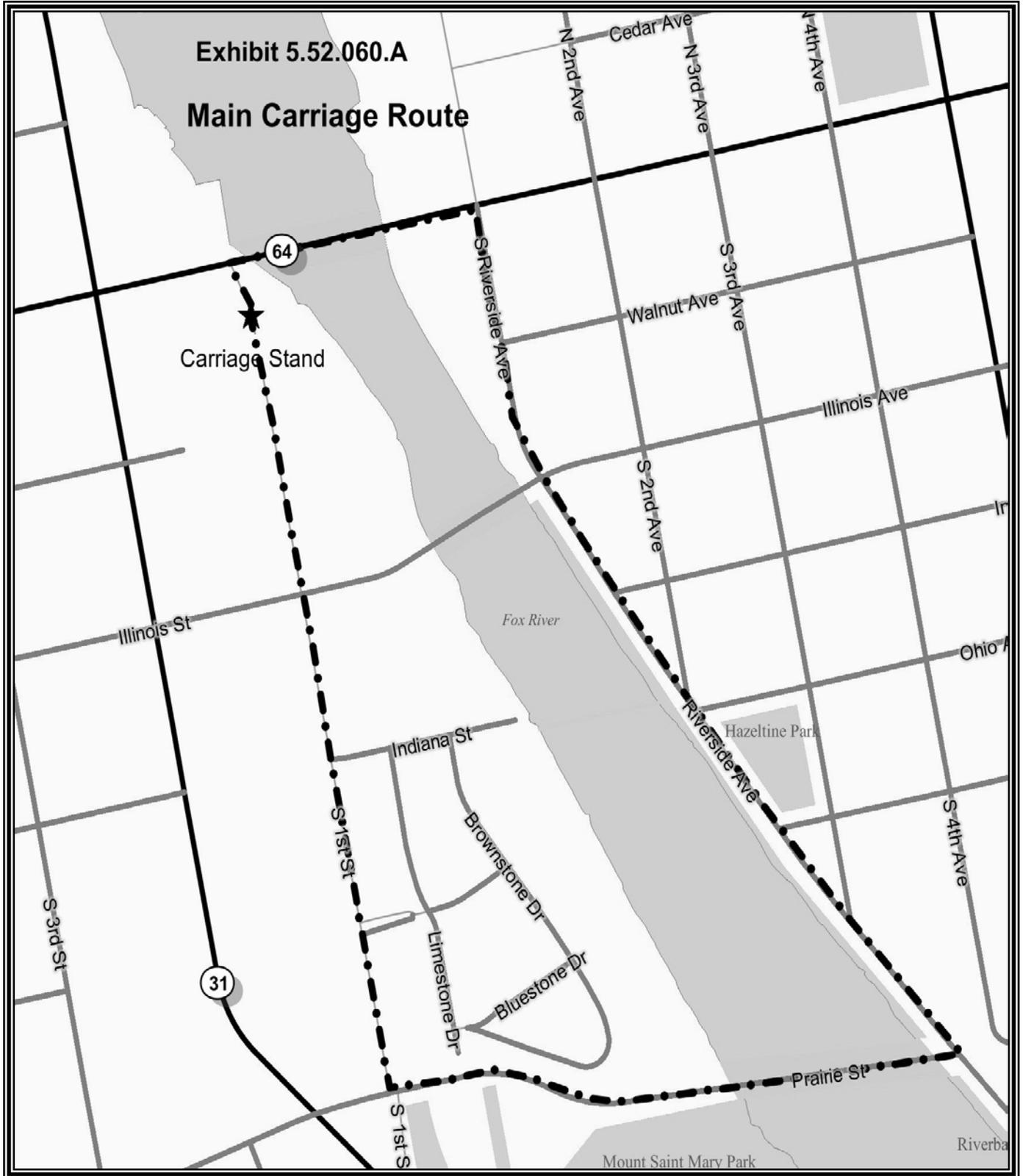
**5.52.050 City right to revoke license.**

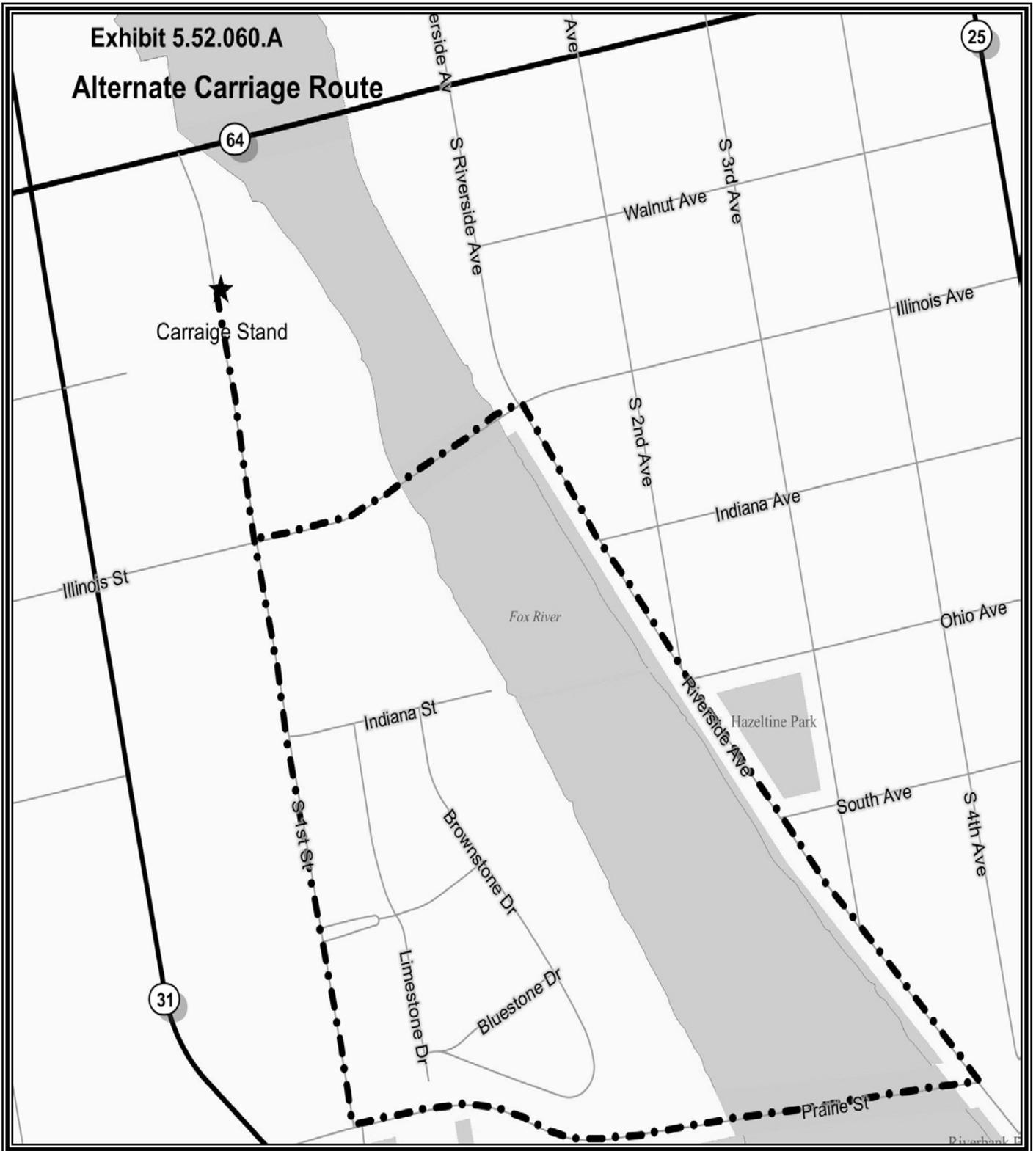
In the event that the administrator or his/her designee determines that the continued operation of a horse-drawn carriage company constitutes an unreasonable safety hazard or is otherwise contrary to the interest of the city, or for good cause shown, the city reserves the right to revoke any permits issued and, in that event, will issue a pro rata refund of the permit fee paid.

**5.52.060 Horse-drawn Carriage Route**

A carriage stand, located in the loading zone near the 1<sup>st</sup> Street Plaza, will be the starting point for both authorized carriage routes.

- A. Beginning at the carriage stand, the carriage will travel north on 1<sup>st</sup> Street to Main Street; then east on Main Street to Riverside Avenue; Riverside Avenue south to Prairie Street; west across the Prairie Street Bridge to 1<sup>st</sup> Street; north on 1<sup>st</sup> Street returning back to the carriage stand.
- B. An alternate route to the main route to be utilized in the event Main Street is not accessible is as follows: beginning at the carriage stand, the carriage will travel south on 1<sup>st</sup> Street to Prairie Street; east on Prairie Street over the Prairie Street Bridge to Riverside Avenue; north on Riverside Avenue to the Illinois Street Bridge; west on Illinois Street over the bridge to 1<sup>st</sup> Street; north on 1<sup>st</sup> Street returning back to the carriage stand.
- C. Maps of these routes are depicted in Exhibit 5.52.060.A:





Section 2. That all ordinances and resolutions, or parts thereof, in conflict with the provisions of this Ordinance are, to the extent of such conflict, expressly repealed.

Section 3. That this Ordinance shall be in full force and effect ten (10) days from and after its passage, approval and publication as provided by law.

PRESENTED to the City Council of the City of St. Charles, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_ 2012.

PASSED by the City Council of the City of St. Charles, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_ 2012.

APPROVED by the Mayor of the City of St. Charles, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_ 2012.

\_\_\_\_\_  
Donald P. DeWitte, Mayor

ATTEST:

\_\_\_\_\_  
City Clerk

COUNCIL VOTE:

Ayes:

Nays:

Absent:

Abstain:

APPROVED AS TO FORM:

\_\_\_\_\_  
City Attorney

DATE: \_\_\_\_\_



## AGENDA ITEM EXECUTIVE SUMMARY

Title:	Recommendation to Purchase LDC Transformer from CG Power Systems
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Presenter:	Tom Bruhl
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*Please check appropriate box:*

	Government Operations	X	Government Services 11.26.12
	Planning & Development		City Council
	Public Hearing		

Estimated Cost:	\$217,600	Budgeted:	YES	X	NO	
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If NO, please explain how item will be funded:

**Executive Summary:**

The City requested formal bids which were opened on November 2. Due to the highly specialized nature of this design, there are a limited number of manufacturers capable and willing to design and build such a unit. Our design is so unique and innovative, that it was recognized earlier this year in a respected trade magazine. The City provided bid documents to a number of potential suppliers, but only received one bid. The bidder that responded, CG Power Systems, is the same supplier that built our first unit.

**Attachments:** *(please list)*

Bid Tabulation  
T & D World Article

**Recommendation / Suggested Action** *(briefly explain):*

Recommend approval to award Purchase Order for (1) – 9,375kVA LDC Transformer to CG Power Systems for \$217,600

<i>For office use only:</i>	<i>Agenda Item Number: 5.a</i>
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<b>Bidder</b>	<b>Price</b>	<b>Lead Time</b>
Howard Transformers	No Bid	
CG Power Systems	\$217,600	21-23 weeks
Cooper Power Systems	No Bid	
CARTE Transformers	No Bid	
ABB	No Bid	

# T&D World Article

## Local Distribution Center or Substation?

The City of St. Charles, Illinois is located approximately 35 miles west of Chicago in northern Illinois. The Fox River flows through the middle of this city of 35,000 which was flagged by Family Circle Magazine as the best place in the United States to raise a family in 2010. St. Charles is home to historic sites such as the Arcada Theater and the Hotel Baker (which hosted a meeting of the NFL owners and players during the spring 2011 negotiations). The "Pride of the Fox" theme carries through the numerous festivals and community events that draw thousands from all over the Chicago area and from neighboring states. St. Charles continues to be a great place to live, work and visit.



The Historic Hotel Baker sits on the west bank of the Fox River in downtown St. Charles, Illinois.

St. Charles also has a municipal electric utility that has served the citizens since 1892. The St. Charles Municipal Electric Utility is the third largest in the state. It serves over 14,000 customers and has a historic peak of about 130 Megawatts. Power is delivered to the city's 6 substations across Commonwealth Edison's (ComEd) 34.5 kV sub-transmission system. There are 9 34.5 kV lines delivering power to the city. Reliability in the city is enhanced by a city owned network of 34.5 kV lines that tie the substations together. This gives the city the ability to restore power internally when there is an interruption of one of the ComEd lines.

About a year ago, a major publishing company expressed interest in the purchase of a large warehouse facility in the industrial park on the east side of the city. The intent was to convert the space to manufacturing. The total electrical load of the facility was estimated at 7 megawatts with full production. Although the facility is located near a major substation, with adequate reserves, the 12 kV distribution was not in place to handle this level of increased load. Another significant issue was a duct bank coming out of the substation was nearing full thermal capacity without this additional load.

Several years ago the utility purchased a 5 acre parcel when open property was disappearing. It was understood that there would eventually be a need for additional substation capacity in this area. This site is less than a quarter mile away, but a major substation investment did not seem to be a prudent move at this time since other load in the area is not increasing significantly. So, it was obvious that the St Charles Municipal Electric Utility would need a new plan to serve this additional load.

The building in question is on a major regional connector, Kirk Road. Under Kirk Road is a duct bank that is home to one of the city's 34.5 kV lines. An additional 34.5 kV line runs immediately behind the building. There was interest by the customer to have dual feeds into the facility and a willingness to support efforts to increase reliability. So, as city staff looked at the options it became clear that a direct connection to the 34.5 kV system had considerable merit.

To the drawing board went the St. Charles engineers. ComEd has been using smaller 34.5 kV to 12 kV transformers around there system for several years that they call a substation in a box. Over a period of about 2 months, with assistance from various vendors, and in consultation with ComEd engineers, St. Charles produced a specification that took the ComEd idea to the next step. The City called this a Local Distribution Center (LDC) to solve the need of this customer. The customer agreed to provide easement space on their property and to do extensive site preparation work, including grading and a retaining wall, in order to expedite the project.



The crew watches as the 34.5 kV to 12.47 kV 10 MVA dead front transformer approaches the precast concrete pad.

The project would consist of 3 major components: the transformer, the 34.5 kV switchgear and the single phase 12 kV regulators. A relay and communications cabinet would be included as part of the switchgear and the 12 kV vacuum breakers would be located inside the transformer cabinet.

The specifications were sent out with a request for bids on the equipment. The evolutionary elements over and above the ComEd design included:

- Dead front design for the 35kV switchgear, the primary and secondary sides of the transformer, the 12kV reclosers within the secondary compartment of the transformer, the 7,200V regulators, and the padmounted 12kV sectionalizing gear
- Upstream 34.5kV gear with a differential relay to provide additional protection for the transformer.
- Precast foundations for the all of the equipment

Safety and reliability are cornerstones of the St. Charles utility so advancing dead front technology to the greatest extent was a goal. The safety related to dead front was obvious, but the reliability was also expected to be improved by a lower probability of bushing flashovers due to contamination or wildlife. Dead front also provides the ability to deploy elbow arrestors at multiple points on the system for increased system protection.

The City challenged transformer bidders to provide a “dead front” option in both the 35kV and 12kV compartments. CG Power Systems from Washington, Missouri accepted the challenge and was the successful bidder for the transformer. CG partnered with G&W Electric to utilize their Viper ST recloser, with dead front terminations, to meet the secondary compartment recloser requirement of the specification.

For the power transformer manufacturer, the main challenge was integrating the recloser and its associated controls in a very small space using off-the-shelf deadfront connectors. The transformer also had to contain less than 1,320 gallons of mineral oil in order to eliminate the need for spill containment at the site. A 7,200/120V single phase potential transformer (to provide power to the recloser controller) was included above the transformer’s low voltage bushings and connected to the transformer’s secondary using fused deadfront elbow connectors.



The 35 kV switchgear has a remote switch mechanism to allow the operator to switch from up to 50' away from the gear. Lineman Merrill Colby attaches the mechanism to the gear.

An upstream 34.5kV switchgear was needed to tap the existing transmission feed line and to provide an interrupter with a differential relay to protect the transformer. The custom switchgear needed to also

contain a separate communications area so that all status and analog values would be available for the city's SCADA system.

After a thorough investigation, G&W Electric was selected to supply the dead front switchgear because they offered a custom solution and agreed to work with the utility on the specific requirements. The particular switch supplied was a 35kV, 4-way, TNI style padmount switch.

Ways 1 and 2 were 600A source ways, incorporating an integral ground position operable through the external operating handle. The source ways had provisions for mounting a portable motor actuator permitting remote operation if required. Auxiliary switches were mounted to each open and close position to monitor contact status to a remote SCADA master.

Way 3 was connected to the transformer and included overcurrent protection provided by a three phase vacuum interrupter in the switch. A motor actuator was installed on the external operating mechanism permitting the vacuum interrupter to be reset remotely. Auxiliary switches were included for remote monitoring of contact position.

Way 4 was connected to two 1.5 KVA potential transformers mounted inside the switch tank to supply 120VAC power to the control devices and to measure voltage. The PTs were protected through a manually resettable vacuum interrupter. Both Ways 3 and 4 were equipped with 500:1 current transformers mounted inside the switch tank for monitoring current.



St Charles Substation Engineer, Erika Drennen, uses a laptop to program the relays in the control enclosure attached to the 35 kV gear.

The switch was equipped with a control enclosure that included one SEL 787 relay, one SEL 751A relay, and one SEL 8300 (Radio Ranger) communication device. The SEL 787 provided motor control and current differential relay protection for the transformer on Way 3. The SEL 751A provided overcurrent control to the PTs on Way 4. G&W provided the relays, auxiliary power supply, and all control wiring. Also included was a communications rack for the city SCADA switches.

The LDC concept is based on the transformer and recloser being packaged together in a single padmount enclosure while still providing dead front construction. This required a custom solution from both the transformer and recloser manufacturer.

G&W provided a solution incorporating their Viper-ST solid dielectric recloser. The modular construction of the recloser permitted the unit to be reconfigured from a conventional overhead design to a dead front padmount construction providing single side access and elbow style connections to the transformer. The enclosure incorporated a side compartment which housed an SEL 651R recloser control. The recloser provided 12.5kA symmetrical fault current protection of the system.

The City utilized dead front regulators and the T-Op II products from Cooper. Elbow arrestors were deployed on the 35kV switchgear, the high side of the transformer, the low side of the transformer, and at the 12kV padmounted sectionalizer downstream of the regulators. Fault indicators were liberally applied using the test point on the T-Op II.

On the civil side, construction of a substation on approximately 30' x 80' of significant sloping terrain required a 9' tall retaining wall and detailed ground grid design. Jacob and Hefner and Electrical Design Systems Corp. developed the civil plans. Power Systems Engineering provided the ground grid study and design.



Viper ST reclosers, adapted for dead front, are in the 12 kV side of the transformer enclosure. Elbow arrestors are connected to the T Ops.

The equipment foundations were another element that differentiated the "LDC" from the Exelon design. The customer schedule was aggressive with a service date of June 20, 2011 and civil work not starting until the spring of 2011. Thirty days of concrete cure time created significant scheduling challenges for

the general contractor, Pepper Construction. Therefore, a precast foundation seemed to be the way to go.



The 50,000 lb transformer pad was set just minutes before the transformer.

EDS contracted with Utility Concrete Products to precast the foundations for the transformer and regulators. A Concast fibercrete custom foundation with trough was designed for the 35kV switchgear. Precasting the foundations allowed all five foundations and all five pieces of equipment (35kV switchgear, transformer, and three regulators) to be set by a single crane in a single day. The pipe work had to be very precise in the X, Y, and Z planes for the pads to be square to each other and in line. The EDS conduit work on site also needed to be coordinated with a manhole installation and pipe work installed by Meade Electric.

The LDC concept is a complete substation package that has emerged as a potential way for the City to provide for long range planning initiatives without having to upgrade existing substation facilities. Local Distribution Centers are advantageous with respect to the expense and logistics of substation expansion, along with the cost to bring feeders from the station to the load. By altering the ComEd design to dead front, safety and reliability are enhanced.



LDC-1 with the 35 kV gear, the 35 kV to 12 kV dead front transformer and the single phase regulators from right to left above.

Footnote: The City of St. Charles would also like to recognize Tom Callsen and Marty Rave for collaborating on design basics.



ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title:	Recommendation to Purchase LDC 35kV Switchgear from G&W Electric
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Presenter:	Tom Bruhl
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*Please check appropriate box:*

	Government Operations	X	Government Services 11.26.12
	Planning & Development		City Council
	Public Hearing		

Estimated Cost:	\$85,500	Budgeted:	YES	X	NO	
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If NO, please explain how item will be funded:

**Executive Summary:**

The City requested formal bids which were opened on November 2. Due to the specialized and custom nature of this equipment, there are a limited number of qualified manufacturers capable and willing to design and build this type of high voltage gear. Two bids were received. G&W Electric was the low bidder. G&W provided the gear for our first LDC and we are completely satisfied with their product.

**Attachments:** *(please list)*

Bid Tabulation

**Recommendation / Suggested Action** *(briefly explain):*

Recommend approval to award Purchase Order for (1) – 35kV Switchgear to G&W Electric for \$85,500.

*For office use only:*

*Agenda Item Number: 5.b*

<b>Bidder</b>	<b>Price</b>	<b>Lead Time</b>
S&C Electric	\$128,625	26-28 weeks
G&W Electric	\$85,500	19 weeks



ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title: Recommendation to Purchase LDC Voltage Regulators from Cooper Power Systems

Presenter: Tom Bruhl

*Please check appropriate box:*

<input checked="" type="checkbox"/>	Government Operations	<input checked="" type="checkbox"/>	Government Services 11.26.12
<input type="checkbox"/>	Planning & Development	<input type="checkbox"/>	City Council
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	

Estimated Cost:	\$82,869	Budgeted:	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
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If NO, please explain how item will be funded:

### **Executive Summary:**

The City requested formal bids which were opened on November 2. Due to the specialized and custom nature of this equipment, there are a limited number of manufacturers capable and willing to design and build 7,200V regulators within an enclosed compartment suitable for installation on the ground. Cooper Power Systems was the only bidder, although other potential suppliers were sent the bid documents. Cooper is an industry leader in building regulators. Our first LDC, along with all of the similar stations on the ComEd system have Cooper regulators.

### **Attachments:** *(please list)*

Bid Tabulation

### **Recommendation / Suggested Action** *(briefly explain):*

Recommend approval to award Purchase Order for (3) – 7,200V pad mounted regulators to Cooper Power Systems for \$82,869

*For office use only:*

*Agenda Item Number: 5.c*

<b>Bidder</b>	<b>Price</b>	<b>Lead Time</b>
Howard Transformers	No Bid	
Cooper Power Systems	\$82,869	15 Weeks
ABB	No Bid	



ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title: ComEd Reliability and Maintenance Issues – Information only

Presenter: Tom Bruhl

*Please check appropriate box:*

<input type="checkbox"/>	Government Operations	<input checked="" type="checkbox"/>	Government Services 11.26.12
<input type="checkbox"/>	Planning & Development	<input type="checkbox"/>	City Council
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	

Estimated Cost:	\$	Budgeted:	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>
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If NO, please explain how item will be funded:

### **Executive Summary:**

Presentation of the discussion that occurred with ComEd, and system reliability since the last update.

### **Attachments:** *(please list)*

ComEd Reliability Memo

### **Recommendation / Suggested Action** *(briefly explain):*

For information only

*For office use only:*

*Agenda Item Number: 5.d*

Public Works Department  
- Electric Office -



# Memo

Date: 11/13/2012  
To: Mark Koenen  
From: Tom Bruhl  
Cc: Richard Gallas  
Re: ComEd Update

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Staff has met with ComEd monthly since our last update in July of 2012.

Two significant storms created five sustained outages and four momentary outages in July and August. The major event on July 1 occurred on a Sunday and the August 4 storm was a Saturday. Restoration efforts outside of normal work hours create slightly longer outages while ComEd and City staff members report to work. The outages were all investigated by ComEd to document root cause.

Although the sustained outages were numerous and had serious impact on our customers, ComEd and City crews were able to restore all of the substation feeds within hours.

The longest ComEd line outage started in the early morning of July 2, and most heavily impacted the south east quadrant, for four hours and eighteen minutes, when ComEd restored the line. The outage was caused by tree contact with the line.

Both lines into the Dunham Road Substation were lost during the July 1 storm. City crews used an internal tie and reserve capacity on another 35kV line to restore half of the substation within about three hours. ComEd restored the other line approximately an hour later. Both line outages were related to trees. The ability to restore using City owned internal ties and reserve capacity on other ComEd feeds reinforces how important our contingency planning efforts are.

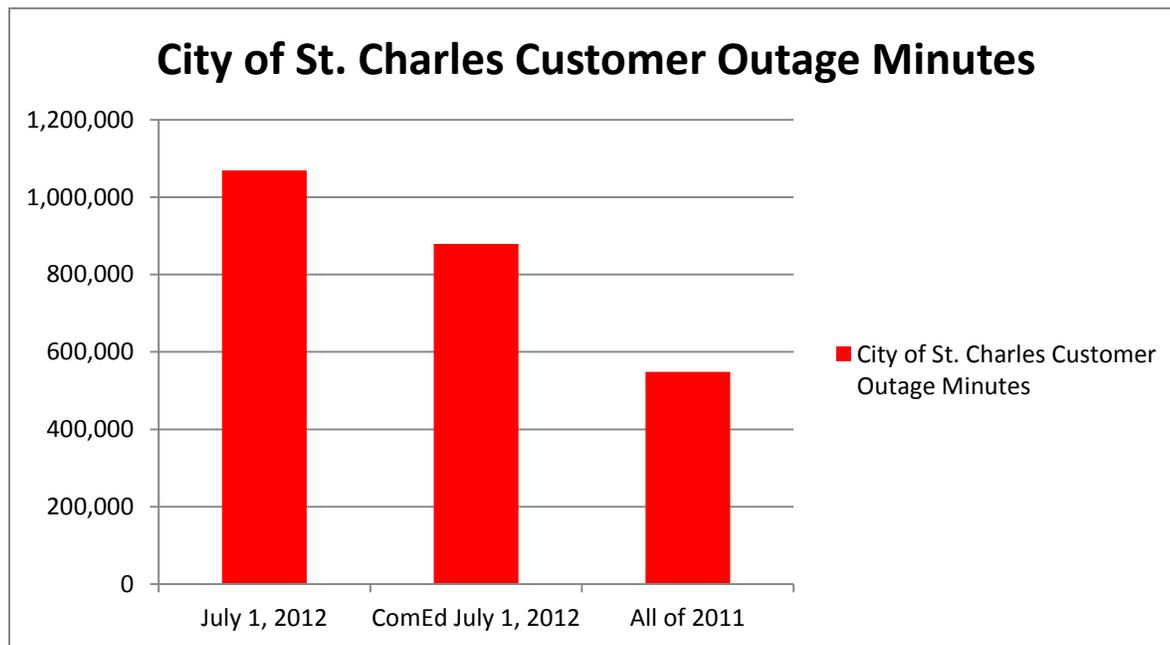
The line coming into N. 12<sup>th</sup> Street Substation was lost during the July 1 storm. The 35kV line survived the storm, but the 138kV line feeding ComEd's South Elgin Substation was lost. ComEd was able to restore power to the northwest quadrant of St. Charles within 38 minutes.

The storm of August 4 caused a sustained outage to the line into Peck Road Substation. The City crews restored power to our customers using an internal tie and reserve capacity on another line within approximately an hour. The cause of the outage was a lightning hit on a padmounted transformer similar to our LDC unit at RR Donnelley.

On the momentary side, lightning caused four separate line outages during storms. While inconvenient, the momentary outages are much better than the almost certain sustained outages that would have occurred without the protective equipment.

There have been two additional momentary outages, not related to storms. The first impacted the southwest quadrant on September 30. The second impacted the NE and SE quadrants on October 18. Those outages are currently under investigation by ComEd.

In terms of customer outage minutes (the product of the number of customers out of service and the number of minutes they are without power), the July 1 event was 1,068,668 customer outage minutes. ComEd line outages were responsible for 878,928 of those minutes. The balance was due to internal problems on the City distribution system. For the entire calendar year of 2011, the number of customer outage minutes in the City of St. Charles, for all causes, was 548,441. So the July 1 event by itself caused almost double the customer outage minutes that we sustained in all of 2011.



Another key indicator of the significance of the July 1 storm is the number of customers who had a sustained outage. The Electric Utility has approximately 15,500 customer accounts. Over 7,000 customers experienced a sustained outage over the July 1 through July 2 event.

The storm hit at approximately 12:10PM. Within 12 hours, the City and ComEd restored all but 31 customers, which was 99.5% of the customers impacted. All ComEd related outages were restored by just after 4PM.

There have been no sustained outages related to ComEd since August 5.

Staff discussed the installation of LDC2 in the area of the Red Gate Bridge and requested a ComEd quote to provide a 34.5kV feed into this location. We also discussed a second feed into that station. Our effort to obtain a 10<sup>th</sup> feed is not economically practical at this time. We will continue to work with the ComEd Planning group to investigate reasonable alternatives to bring a diverse 34.5KV feed into our LDC2 at Red Gate Bridge.

**The next ComEd meeting is scheduled for December 12, 2012.**



ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title: Recommendation to Approve a Budget Addition for Electric Utility Work Related to the Bio Solids Project

Presenter: Tom Bruhl

*Please check appropriate box:*

	Government Operations	X	Government Services 11.26.12
	Planning & Development		City Council
	Public Hearing		

Estimated Cost:	\$70,000	Budgeted:	YES		NO	X
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If NO, please explain how item will be funded:

Revenues from Wastewater Fund

**Executive Summary:**

The Electric work related to the Bio Solids construction was not budgeted in the FY 12/13 budget due to the possible uncertainty of the project. The project is now certain. This is a reimbursable project and these funds will be offset 100% by revenue from the Wastewater Fund.

**Attachments:** *(please list)*

Budget Revision Form

**Recommendation / Suggested Action** *(briefly explain):*

Staff recommends approval of a budget addition in the amount of \$43,000 for electric work related to the Bio Solids Project.

*For office use only:*

*Agenda Item Number: 5.e*

# BUDGET REVISION REQUEST FORM

Department: Electric

Date Requested: November 26, 2012

## Purpose of Request/Comments (Attach additional pages if necessary)

Add funds to Electric budget for purpose of procuring labor and material for revised service at  
Waste Water Main Treatment plant, related to Bio Solids work.

The actual cost of the project will be reimbursed to Electric from Wastewater.

## Equal Dollar Transfer

Amount \_\_\_\_\_

### Account Numbers

<i>From</i>		<i>To</i>	
Accounting		Accounting	
Unit: _____	Account: _____	Unit: _____	Account: _____
Activity: _____		Activity: _____	

## Addition (or Decrease) to Department Budget

Accounting  
Unit: 200521 Account: 56205 Amount \$43,000

Activity: C261209312

Originator: T Bruhl November 26, 2012  
Date

Department Head: \_\_\_\_\_  
Date

Dir. Of Finance/Administration: \_\_\_\_\_  
Date

For Finance Use Only

Revision entered and updated

\_\_\_\_\_ Date

By: \_\_\_\_\_



ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title:	Recommendation to Approve Participation in IMEA Energy Efficiency Program
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Presenter:	Pete Suhr
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*Please check appropriate box:*

	Government Operations	X	Government Services 11.26.12
	Planning & Development		City Council
	Public Hearing		

Estimated Cost:	\$ 0	Budgeted:	YES		NO	X
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If NO, please explain how item will be funded: No cost.

**Executive Summary:**

The Illinois Municipal Electric Agency has extended an offer to the City of St. Charles to participate in a program with Verde Energy. The project seeks to reduce energy consumption at peak hours in the summer by supplementing an existing HVAC unit with an “Ice Bear” system. The Ice Bear will make ice at night, when power is much less expensive (demand cost element), and then use the ice to provide cooling during the day. These systems have been proven to shift electric consumption to the nighttime hours, which will save the city money on our electric bill during the summer months.

The project would provide the city with a replacement HVAC unit, including the Ice Bear, at the lab at no cost to the city. This work is valued at about \$75,000. The entire system becomes city property upon installation, and is warrantied for one year.

The city’s main responsibility in the agreement is staff effort related to promoting the project via the city website and with display materials in the lobby of the Public Works Facility.

**Attachments:** *(please list)*

Photo of actual Ice Bear

**Recommendation / Suggested Action** *(briefly explain):*

Staff recommends approval of participation in the program and authorization for Public Works Staff to enter into agreement with Verde Systems and IMEA.

*For office use only:*

*Agenda Item Number: 5.f*

green machine



LCBO  
WINE SPIRITS BEER





ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title:	Recommendation to Approve Proposal for Final Clarifier Drive Project for Wastewater Treatment Plant
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Presenter:	John Lamb
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*Please check appropriate box:*

	Government Operations	X	Government Services 11.26.12
	Planning & Development		City Council
	Public Hearing		

Estimated Cost:	\$60,350.00	Budgeted:	YES	X	NO	
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If NO, please explain how item will be funded:

**Executive Summary:**

The Main Treatment Plant has two final clarifiers that have drive systems and assemblies. In August of 2011 one of the drive systems malfunctioned and ceased to operate during a high flow event. This happens over time due to constant operation and wear and tear on the assembly. The Committee at that time approved repair and replacement of the clarifier drive.

The second final clarifier drive is approximately twenty-five (25) years old and has not been replaced. During normal flows the clarifiers are alternated for use and during high flow situations both are put in operation. Although operational, staff believes the second drive should be replaced due to age. This would avert any potential emergency repair in the future that may occur during an inopportune event.

Staff received proposals from two contractors for the work. DPS Equipment Services is the low proposal and was the contractor that performed the work in 2011. DPS is also certified by the equipment manufacturer (Siemens) to repair, install the equipment.

**Attachments:** *(please list)*

Proposals  
Request for Waiving Bid Procedure Form

**Recommendation / Suggested Action** *(briefly explain):*

Recommend waiving bid procedure and award the proposal from DPS Equipment Services in the amount of \$60,350 and recommend approval of a Resolution authorizing the Mayor and City Clerk to execute same.

*For office use only:*

*Agenda Item Number: 5.g*

**REQUEST FOR WAIVING BID PROCEDURE**

We request the City Council to waive the bid procedure and accept the quotation (requiring two-thirds City Council vote) submitted by:

DPS Equipment Services  
P.O. Box 509  
Byron, IL 61010

For the purchase of: Repair and replacement of main treatment plant final clarifier drive and assembly. At a cost not to exceed: \$60,350.00

Reason for the request to waive the bid procedure:

Staff did not go through formal bid procedure but requested and received two proposals for work.

Other Quotations Received: One

Date: 11/8/2012

Requested by: John Lamb

Department Director: \_\_\_\_\_

Purchasing Manager: \_\_\_\_\_

Committee Chairman: \_\_\_\_\_

**THIS REQUEST FORM MUST BE SIGNED BY ALL PARTIES PRIOR TO REQUESTING COMMITTEE APPROVAL FOR WAIVING OF THE BID PROCEDURE. REQUESTS FORWARDED DIRECTLY TO THE CITY COUNCIL (AND BYPASSING COMMITTEE) MUST BE SIGNED BY ALL PARTIES PRIOR TO REQUESTING CITY COUNCIL APPROVAL. SUCH REQUESTS ARE TO BE OF AN EMERGENCY NATURE WHERE TIME IS OF THE ESSENCE.**

**Process  
Equipment  
Repair  
Services, Inc.**

**5991 Division Road**

**West Bend, WI 53095**

- 262-629-1059 phone/FAX \* 414-412-4403 mobile \* [PERSLaMont@aol.com](mailto:PERSLaMont@aol.com) \*
- 

**PROPOSAL For Professional Services #12-180**

DATE: October 26, 2012  
Sheet 1 of 6

Mr. Michael Burnett  
Environmental Services Division Mgr.  
City of Saint Charles  
2 East Main Street  
St. Charles, IL 60174

Work Location: St. Charles, WWTF

Site Telephone: 630-443-3925

**Scope of Services**

We hereby propose to furnish the services and labor as necessary to replace a failed center Column, effluent sludge manifold, and overhaul one (1) H-40 *Envirex* Tow-Bro Clarifier originally furnished by Envirex under original order# H119141, 1986.

**PERS, Inc.** shall purchase all replacement parts, components and services to meet the overhaul procedure needs.

Services shall consist of disconnecting the trusses from the drive cage, and the tow-bro header from the sludge manifold. We shall disconnect and remove the bridge, drive unit, drive cage, sludge manifold, and center column. The replacement center column and sludge manifold shall be fully finish painted (three full coats of epoxy paint, minimum 12 mils.dft), installed, leveled, set and re-grouted at the base, re-using the existing anchors. The existing drive unit intermediate and main gear assemblies shall be completely disassembled, thoroughly cleaned, inspected, and re-used. All bearings, bearing races, seals, stop blocks, dust shields, and gaskets shall be replaced. The sealing surfaces on the input and output shafts shall be reconditioned or relocated if necessary. Services shall also include replacing the sludge manifold seals and the skimmer assembly, which shall be the latest design and all major components shall be hot dip galvanized.

All rebuilt and new components shall be installed and set to meet or exceed manufactures specification including mechanism horizontal plan, cage and center column plumb, mechanism concentricity.

Clarifier start-up and personnel maintenance training will be supplied.

**Project Management, Labor and Materials**

The following cost estimates are for **ONE** Clarifier. (East Final)

Lump Sum: \$ 64,900.00

**Parts & Materials Options:**

- 1. Exclude rebuilding drive assembly      Deduct; \$ 8,500.00**
- 2. Exclude replacing the Sludge manifold      Deduct; \$ 7,800.00**

**Note: Parts and materials furnished by PERS, Inc. are covered under our warranty. All parts are to be on-site prior to the start of work. Client to drain, clean and maintain clarifier basin prior to start of work and during the time of the project.**

*All quoted prices for materials are based on this proposal dates cost, any changes in commodities price per pound or added fuel surcharges shall be added to original costs provided in this proposal.*

**Partial invoices may be generated when substantial expenses are incurred. Partial invoices for labor will be generated at the end of each month through completion.**

**Note: If there is a significant change in the degree of difficulty or any change in the Scope of Services, Both *PERS, Inc.* and the Client will agree to the changes *in writing* before proceeding.**

All work is guaranteed to be as specified, and the above work shall be performed in accordance with, or to exceed, the manufacturer's specifications for above work, and completed in a substantial workmanlike manner with payments to be made Net 30 Days from the Date of Invoice.

***Read, Sign and Return* one copy of the Proposal original and the attached PERS, Inc. "Terms Governing Customer Services".**

Owner to carry fire, natural disaster and other necessary site insurance upon above work.  
Worker's Compensation, Professional, Pollution, and Public Liability Insurance on above work to  
be supplied by **Process Equipment Repair Services, Inc.**

Respectfully submitted,

\_\_\_\_\_  
President- **Process Equipment Repair Services, Inc.** Date: \_\_\_\_\_

**Note: This proposal may be withdrawn if not accepted within 90 days.**

**ACCEPTANCE OF PROPOSAL**

The above prices, specifications and attached Service Terms of this Proposal are satisfactory,  
and are hereby accepted. **Process Equipment Repair Services, Inc.** is authorized to do the  
work as specified. Payment will be made as outlined above.

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

Print Name: \_\_\_\_\_

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

Print Name: \_\_\_\_\_

# **Process Equipment Repair Services, Inc.**

## **TERMS GOVERNING CUSTOMER SERVICES**

1. **Service Rates:** Services of Process Equipment Repair Services, Inc. (PERS, Inc.) an organization for Operation and Maintenance, Equipment Services as specified in this proposal are furnished by PERS, Inc. at the following rates:
  - A. For all Mechanical Services and Equipment Services, including proposal estimates and administrative costs, within the continental limits of the United States: \$95.00 per hour, \$760.00 per eight (8) hour day, Monday through Friday inclusive. Overtime Monday through Friday and Saturday work is charged at time and one-half. Time worked on Sunday shall be charged double time; time worked on U.S. Holidays shall be charged double time. Services performed under hazardous conditions that require the use of special breathing apparatus and/or protective gear will be charged at twice the standard rate, (See Section 5). PERS, Inc. is obligated to pay all employees the designated prevailing wage rate. PERS, Inc. is also obligated to insure that all sub-contract labor is paid the prevailing wage rate for their classification.
  - B. Traveling, living and incidental expenses at cost, (not to exceed \$150.00 per day per person). Personal and corporate vehicles will be charged at a rate of \$1.50 per mile.
  - C. Travel time shall be charged to and from the Client's job site at the standard hourly rate for the Services being performed. Weekend and holiday travel requests, if required by the Client, shall be charged at overtime rates.
  - D. There are no charges for telephone consultations unless Services are performed at the Client's request. Rates shown above apply to services performed within 90 Days from the Date of Quotation. Services performed after that time will be subject to then current rates.
2. **Basis of Price:**
  - A. PERS, Inc. prices do not include the cost of materials and material freight, or the cost of any other third part services unless expressly stated within this Proposal. Materials furnished by PERS, Inc. shall be invoiced at cost plus (+) 20% and shall be covered under the Proposal Warranty. Material freight shall be prepaid to the job site.
  - B. PERS, Inc. prices do not include sales, use, excise or other similar taxes unless expressly stated within this Proposal. The Client shall furnish PERS, Inc. with a copy of the Client's tax exemption Certificate, or the Tax Exemption I.D. Number on the Client's letterhead.
  - C. Bonds, Insurance (other than our normal Coverage), and other premiums are not included. Additional bonding and insurance requirements, if required or requested by the Client, will be added at cost to the Proposal price.
  - D. Terms of Payment: Net 30 days from the Date of Invoice unless otherwise agreed to in advance and in writing. Partial invoices for equipment and materials will be submitted when the equipment and materials are shipped to the job site. Partial invoices for labor and services may be submitted at the end of each month through project completion. In the event any payment becomes past due, a compound interest charge of 1.5 percent shall be assessed monthly and for any portion thereafter. Client agrees to pay any and all actual Attorneys' fees and court costs if attorneys are retained to collect any past due amounts.
3. **Cancellation:** In the event of cancellation, Client agrees to compensate PERS, Inc. for all work performed up to the date of cancellation.
4. **Performance and Warranty:** PERS, Inc. agrees to perform the services and work ["Services"] described in the Scope of Services in the proposal, within the limits prescribed by the Client, on a good faith basis under the terms and conditions set forth herein. PERS, Inc. shall exercise reasonable skill and judgment in providing such Services. PERS, Inc.'s responsibility is limited to Services specifically performed by PERS, Inc. for the Client. PERS, Inc.'s warranty is a warranty for the performance of services and equipment supplied only, and PERS, Inc. hereby disclaims any and all warranties for any equipment, mechanical device or machine not provided by PERS, Inc. to the Client under the scope of services above. PERS, Inc. shall not be responsible for acts or omissions of the Client, its officers, directors, employees, or agents, or any third parties. Except for the direct acts or omissions of PERS, Inc. representatives, the responsibility for proper operation and maintenance of the equipment shall be the Client's. **Failure by the Client to properly operate and maintain the equipment shall void any and all warranty claims and remedies that may result.** PERS, Inc. warrants that Services shall be of good quality in all respects. Services shall be performed, findings obtained, and recommendations prepared in accordance with generally and currently accepted industry standards, principles and practices. The Services of PERS, Inc. technicians shall be free of defects in workmanship FOR A PERIOD OF ONE (1) YEAR from the date of completion. **Remedy:** All warranty claims in connection with the Services to be performed hereunder shall be made promptly by the Client in writing and received by PERS, Inc. within one year after PERS, Inc. last performed substantial and related work at the job site. PERS, Inc. shall repair or replace Services proven to be defective in workmanship, OR AT ITS SOLE OPTION, refund the cost of the Services.

**PERS, Inc. may accept back charges for warranty claims performed by the Client, provided that PERS, Inc. has given its written approval PRIOR to the Client performing such services.**

The remedy stated above for proven defects in Services and Workmanship SHALL BE THE CLIENTS'S SOLE AND EXCLUSIVE REMEDY.

**LIMITATION OF LIABILITY:** UNDER THIS AGREEMENT, PERS, INC. SHALL ONLY BE LIABLE FOR DAMAGES FOR THE SCOPE OF SERVICE PROVIDED. PERS, INC. SHALL NOT BE LIABLE FOR ANY PUNITIVE DAMAGES, PRODUCT LIABILITY DAMAGES, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, INCLUDING BUT NOT LIMITED TO, DAMAGES RESULTING FROM INJURY TO PERSONS OR PROPERTY, LOSS OF PROFITS, LOSS OF BUSINESS REPUTATION, DOWNTIME, OR ANY OTHER LOSSES OR EXPENSES NOT IN CONNECTION WITH THE FURNISHING OF SERVICES.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES (EXPRESSED, IMPLIED, OR STATUTORY), OR ANY OTHER REPRESENTATIONS, OTHER THAN THE WARRANTIES AND REPRESENTATIONS SET FORTH IN THIS AGREEMENT. PERS, INC. DOES NOT WARRANT SPECIFIC RESULTS OF ANY KIND AND DISCLAIMS ANY WARRANTY OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE.

5. **Safety:** Services shall be performed only under safe conditions. PERS, Inc. shall not have any obligation to work or to continue working in a hazardous environment. PERS, Inc. has the right to discontinue or terminate operations if, in its sole discretion, such discontinuation or termination is necessary for safety and/or health reasons. Charges, as set forth above and below, shall be made for safety and security measures required by hazardous job conditions.  
  
The Client shall be responsible for furnishing any and all safety related equipment, clothing, devices, etc. required for the performance of Services under hazardous conditions. Any and all safety related equipment, clothing, devices, etc., furnished by PERS, Inc. at the request or requirement of the Client, shall be added at cost to the Proposal price.
6. **Independent Contractor:** PERS, Inc. shall be considered a Professional Services provider, independent agent, Representative or contractor; not an employee or joint venturer of Client. PERS, Inc. shall determine the time, manner, means and method of providing the Services and shall furnish all labor and tools necessary to perform such Services unless otherwise specified in writing; provided, however, PERS, Inc. shall not be responsible for negligence of Client or any other person or entity in the design or selection of a specific manner, means, method or technique which is required by the Client.
7. **Information:** PERS, Inc. is entitled to and shall rely upon information supplied by Client, or Client's engineers or consultants, or information available from generally accepted sources, without independent verification. PERS, Inc. assumes no responsibility for the accuracy of such information and shall not be liable to client for any inaccuracies contained therein. Client agrees to provide PERS, Inc. with such specifications, plans, studies, documents or the information on conditions, as shall be reasonably required by PERS, Inc., for proper and timely performance of Services. All designs, data or other technical information relating to the Services will remain the Client's property.
8. **Delays and Extensions of Time:** If PERS, Inc. is delayed at any time in the progress of the Services by any act or negligence of the Client, including its employees or agents, separate contractor employed by the Client, changes ordered in the Scope of Services, labor disputes, fire, unusual delay in transportation, adverse safety conditions, weather related delays, unavoidable casualties, or any causes beyond the PERS, Inc.'s reasonable control (i.e. force majeure), or by delay authorized by the Client, then the time to complete the Services shall be extended. Additional charges may be made to cover any unforeseen or unusual circumstances not anticipated by PERS, Inc. and the Client, when agreed to by both parties in writing.
9. **Changes, Delays and Unusual Costs:** If the Client requests or causes changes to be made in the Scope of Services, or if the client delays the progress of work covered by the quotation, PERS, Inc. shall adjust the contract price to reflect any increase or decrease.
10. **Permits and Licenses:** Unless otherwise indicated in writing, Client shall procure and provide all necessary permits and licenses required for the Services proposed.
11. **Insurance:** PERS, Inc. shall assume responsibility for workers compensation coverage of PERS, Inc. employees only. PERS, Inc. shall provide General and Professional liability coverage of \$2,000,000.00 and Automobile liability coverage for all Field Services. All other insurance coverage and necessary permits to accomplish project shall be provided by the Client.

12. **Indemnification:** Client agrees to indemnify and hold PERS, Inc., its directors, officers, stockholders, employees, representatives or agents harmless from and against any and all claims, demands, causes of action (including third party claims, demands or cause of action for contribution or indemnification), liability or costs (including actual attorney's fees and other costs of defense) which arise out of or result from any negligent act or omission of the Client, its employees, agents, consultants, other contractors or any other person or entity; all except and to the extent that such claims, demands, causes of action, liabilities or costs are caused by the sole negligence of PERS, Inc., its directors, officers, stockholders and employees.
13. **GENERAL LIMITATION OF LIABILITY:** UNDER THIS AGREEMENT, PERS, INC. SHALL ONLY BE LIABLE FOR DAMAGES FOR THE SCOPE OF SERVICES PROVIDED. PERS, INC. SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES, INCLUDING BUT NOT LIMITED TO, DAMAGES RESULTING FROM INJURY TO PERSONS OR PROPERTY, LOSS OF PROFITS, LOSS OF BUSINESS REPUTATION, DOWNTIME OR ANY OTHER LOSSES OR EXPENSES NOT IN CONNECTION WITH THE FURNISHING OF SERVICES.
14. **Non-waiver:** The failure of PERS, Inc. to insist upon strict performance of any of the terms or conditions stated herein shall not be considered a continuing waiver of any such term or condition or any of its rights, nor shall it imply a course of performance between the parties.
15. **Complete Agreement:** The complete agreement and all attendant components are Copyright © 2011 by **Process Equipment Repair Services, Inc.** All rights reserved including the right of reproduction, the use of proprietary techniques, procedures and intellectual property in whole or in part, in any form without the written permission of PERS, Inc. The complete agreement between PERS, Inc. and the client is contained herein and no additional or different terms or conditions shall be binding unless mutually agreed to in writing. PERS, Inc. and client agree to be bound by all terms and conditions contained or incorporated herein, all of which are a part of the proposal submitted by PERS, Inc. and should be carefully read. Any provision in Client's acknowledgement forms or similar documents which are inconsistent with the provisions of the proposal shall be of force or effect. These terms and conditions shall apply to all services provided by PERS, Inc. Any different or additional terms and conditions proposed by and/or contained on a response to the proposal are hereby rejected by PERS, Inc. and shall not be incorporated into these terms and conditions. If any term of this Agreement shall be held to be invalid, illegal, or unenforceable, the validity of all other terms hereof shall no way be affected thereby. This agreement shall take effect upon acceptance and execution by the Client and PERS, Inc.

**This proposal shall become a contract only when accepted by the Client and accepted by Process Equipment Repair Services, Inc. through respective signatures by authorized personnel.**

Proposal submitted by: **Process Equipment Repair Services, Incorporated**

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

**Accepted by Client:**

**Accepted by PERS, Inc.**

\_\_\_\_\_  
Client Affiliation

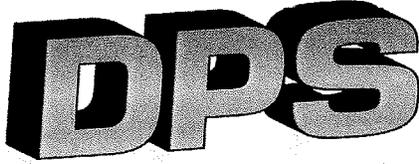
By: \_\_\_\_\_

By: \_\_\_\_\_

Print Name: \_\_\_\_\_

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

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



**EQUIPMENT SERVICES, INC.**  
*process equipment repair, retrofit, reconditioning services*

**SERVICE PROPOSAL #12-122**

October 19, 2012

Page 1 of 4

Mr. Michael Burnett  
Environmental Services Division Manager  
City of St. Charles  
Two East Main St.  
St. Charles, IL 60174

**Scope of Services**

We hereby propose to furnish labor and materials as necessary to **replace the center column, sludge manifold, skimmer assembly, and rebuild the drive unit** on the east final clarifier originally furnished by Envirex under original order #H119141 (1986).

Services shall consist of disconnecting the trusses from the drive cage, and the tow-bro header from the sludge manifold. We shall disconnect and remove the bridge, drive unit, drive cage, sludge manifold, and center column. The replacement center column and sludge manifold shall be fully finish painted (three full coats of epoxy paint, minimum 12 mils. thick), installed, leveled, set and re-grouted at the base, re-using the existing anchors. The existing drive unit intermediate and main gear assemblies shall be completely disassembled, thoroughly cleaned, inspected, and re-used. All bearings, bearing races, seals, stop blocks, dust shields, and gaskets shall be replaced. The sealing surfaces on the input and output shafts shall be reconditioned or relocated if necessary. Services shall also include replacing the sludge manifold seals and the skimmer assembly, which shall be the latest design and all major components shall be hot dip galvanized.

**Project Cost: \$60,350.00**

**Project cost includes: project management, all field and administrative labor, replacement components, crane services, standard and specialty tools, equipment, travel, and living expenses.**

- Options: (1) To exclude rebuilding drive assembly – Deduct - \$8,925.00.**  
**(2) To exclude replacing the sludge manifold – Deduct - \$8,134.00.**

All work is to be performed in accordance with or to exceed the manufacturer's specifications for above work, and completed in a substantial workmanlike manner.

All services and replacement components shall carry a one-year warranty.

*Payments shall be made Net 20 Days from the Date of Invoice.*

**Sign and Return one copy of the Proposal cover original with a signed copy of the attached "Terms Governing Customer Services".**

Respectfully submitted,



Michael R. Sears - Project Manager

Note: This proposal may be withdrawn if not accepted within 60 days.

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#### ACCEPTANCE OF PROPOSAL

The above prices, specifications and attached Service Terms of this Proposal are satisfactory, and are hereby accepted. DPS Equipment Services, Inc. is authorized to do the work as specified. Payment will be made as outlined above.

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

## **TERMS GOVERNING CUSTOMER SERVICES**

1. **Basis of Price:**
  - A. DPS, Inc.'s prices do not include the cost of materials or the cost of any third party services unless expressly stated within this proposal. Materials furnished by DPS, Inc. shall be covered under the proposal warranty.
  - B. DPS, Inc. prices do not include sales, use, excise or other similar taxes unless expressly stated within this proposal.
  - C. Bonds, insurance (other than our normal coverage), and other premiums are not included. Additional bonding and insurance requirements, if required or requested by the Client, will be added at cost to the proposal price.
  - D. Terms of Payment: Net 20 days from the Date of Invoice unless otherwise agreed to in advance and in writing. Partial invoices for equipment and materials will be submitted when the equipment and materials are shipped to the job site. Partial invoices for labor and services may be submitted at the end of each month through project completion. In the event any payment becomes past due, a compound interest charge of 1.5 percent shall be assessed monthly and for any portion thereafter. Client agrees to pay any and all actual Attorneys' fees and court costs if attorneys are retained to collect any past due amounts.
2. **Cancellation:** In the event of cancellation, Client agrees to compensate DPS, Inc. for all work performed up to the date of cancellation, unless cancellation is due to default on the part of DPS, Inc.
3. **Performance and Warranty:** DPS, Inc. agrees to perform the services described under the heading "Scope of Services" hereof, within the limits prescribed by the Client, on a good faith basis under the terms and conditions set forth herein. DPS, Inc. shall exercise reasonable skill and judgment in providing such Services. DPS, Inc.'s responsibility is limited to services specifically performed by DPS, Inc. or sub-contracted by DPS, Inc for the Client. Except for the direct acts or omissions of DPS, Inc. representatives, the responsibility for proper operation and maintenance of the equipment shall be the Client's. ***Failure by the Client to properly operate and maintain the equipment shall void any and all warranty claims and remedies that may result.*** DPS, Inc. warrants that services shall be of good quality in all respects. Services shall be performed, findings obtained, and recommendations prepared in accordance with generally and currently accepted industry standards, principles and practices. The services of DPS, Inc. technicians shall be free of defects in workmanship ***FOR A PERIOD OF ONE (1) YEAR*** from the date of completion. **Remedy:** All warranty claims in connection with the services to be performed hereunder shall be made promptly by the Client in writing and received by DPS, Inc. within one year after DPS, Inc. last performed substantial and related work at the job site. DPS, Inc. shall repair or replace services proven to be defective in workmanship, or at DPS, Inc. sole option, refund the cost of the services. ***DPS, Inc. may accept back charges for warranty claims performed by the Client, provided that DPS, Inc. has given its written approval PRIOR to the Client performing such services.***
4. **Safety:** Services shall be performed only under safe conditions. DPS, Inc. shall not have any obligation to work or to continue working in a hazardous environment. DPS, Inc. has the right to discontinue or terminate operations if, in its sole discretion, such discontinuation or termination is necessary for safety and/or health reasons. Charges, as set forth above and below, shall be made for safety and security measures required by hazardous job conditions. All safety related equipment, clothing, devices, etc., furnished by DPS, Inc. at the request or requirement of the Client shall be added at cost to the Proposal price.
5. **Independent Contractor:** DPS, Inc. shall be considered a Professional Services provider, independent agent, representative or contractor; not an employee or joint venturer of Client. DPS, Inc. shall determine the time, manner, means and method of providing the services and shall furnish all labor and tools necessary to perform such services unless otherwise specified in writing; provided, however, DPS, Inc. shall not be responsible for negligence of Client or any other person or entity in the design or selection of a specific manner, means, method or technique which is required by the Client.
6. **Information:** DPS, Inc. shall rely upon information supplied by Client, or Client's engineers or consultants, or information available from generally accepted sources, without independent verification. DPS, Inc. assumes no responsibility for the accuracy of such information and shall not be liable to Client for any inaccuracies contained therein.
7. **Delays and Extensions of Time:** If DPS, Inc. is delayed at any time in the progress of the services by any act or negligence of the Client, including its employees or agents, separate contractor employed by the Client, changes ordered in the Scope of Services, labor disputes, adverse safety conditions, weather related delays, unavoidable casualties, or any causes beyond DPS, Inc.'s reasonable control, or by delay authorized by the Client, then the time to complete the services shall be extended. Additional charges may be made to cover any unforeseen or unusual circumstances not anticipated by DPS, Inc. and the Client, when agreed to by both parties in writing.

8. **Changes, Delays and Unusual Costs:** If the Client requests or causes changes to be made in the Scope of Services, or if the Client delays the progress of work covered by the quotation, DPS, Inc. shall adjust the contract price to reflect any increase or decrease.
9. **Permits and Licenses:** Unless otherwise indicated in writing, Client shall procure and provide all necessary permits and licenses required for the services proposed.
10. **Insurance:** DPS, Inc. shall assume responsibility for workmen's compensation coverage of DPS, Inc. employees only. DPS, Inc. shall provide General liability coverage of \$2,000,000, and Automobile coverage of \$1,000,000. All other insurance coverage and necessary permits to accomplish project shall be provided by the Client.
11. **Indemnification:** Client agrees to indemnify and hold DPS, Inc., its directors, officers, stockholders, employees, representatives or agents harmless from and against any and all claims, demands, causes of action (including third party claims, demands or causes of action for contribution or indemnification), liability or costs (including actual attorneys' fees and other costs of defense) which arise out of or result from any negligent act or omission of the Client, its employees, agents, consultants, other contractors or any other person or entity; all except and to the extent that such claims, demands, causes of action, liabilities or costs are caused by the sole negligence of DPS, Inc., its directors, officers, stockholders and employees. Non-prevailing party agrees to pay any and all actual attorney fees and court costs if attorneys are retained relative to any dispute between the parties.
12. **GENERAL LIMITATION OF LIABILITY:** Under this agreement, DPS, Inc. shall only be liable for damages for the scope of services provided. DPS, Inc. shall not be liable for any consequential or incidental damages, including but not limited to, damages resulting from injury to persons or property, loss of profits, loss of business reputation, or any other losses or expenses not in connection with the scope of services furnished.
13. **Non-waiver:** The failure of DPS, Inc. to insist upon strict performance of any of the terms or conditions stated herein shall not be considered a continuing waiver of any such term or condition or any of its rights, nor shall it imply a course of performance between the parties.
14. **Prevailing Wage:** DPS, Inc. shall pay all labors, mechanics, and other workers employed by DPS, Inc. the current prevailing wage rate as required. DPS, Inc. shall also furnish certified payroll forms if required.
15. **Complete Agreement:** The complete agreement between DPS, Inc. and the Client is contained herein and no additional or different term or condition shall be binding unless mutually agreed to in writing. If any term of this Agreement shall be held to be invalid, illegal, or unenforceable, the validity of all other terms hereof shall no way be affected thereby. This Agreement shall take effect upon acceptance and execution by the Client and DPS, Inc.

**This proposal shall become a contract only when accepted by the Client and accepted by DPS, Inc. through respective signatures by authorized personnel.**

Proposal submitted by:

  
 Michael R. Sears – Project Manager, DPS, Inc.

**Accepted by Client:**

\_\_\_\_\_  
 Client Affiliation

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



ST. CHARLES  
SINCE 1834

### AGENDA ITEM EXECUTIVE SUMMARY

Title: Recommendation to Approve Extension of Contract with Capital Infrastructure Group, LLC.

Presenter: Mark Koenen

*Please check appropriate box:*

<input type="checkbox"/>	Government Operations	<input checked="" type="checkbox"/>	Government Services 11.26.12
<input type="checkbox"/>	Planning & Development	<input type="checkbox"/>	City Council
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	

Estimated Cost:	\$24,000	Budgeted:	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>
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If NO, please explain how item will be funded:

**Executive Summary:**

Capital Infrastructure Group, LLC has represented the City recently regarding transportation projects at both the IDOT offices in Springfield (Central Office) and Schaumburg (District One). More recently, this representation has addressed technical construction matters on both the Red Gate Bridge and IL 64 (7<sup>th</sup> Ave – IL 59) projects and billing/financial matters related to local and state/federal funding.

Capital Infrastructure Group, LLC is also coordinating between the city and IDOT regarding the proposal to update post development storm water runoff performance standards. These proposed storm water rules are in response to the Association of Illinois Soil and Water Conservation Districts and their state task force planning to make recommendations to the IEPA. The Capital Infrastructure Group, LLC presence locally and in Springfield has provided access to key officials in guiding project process and time lines.

**Attachments:** *(please list)*

Proposal as noted above.

**Recommendation / Suggested Action** *(briefly explain):*

Staff recommends approval of an 8-month contract for Consulting Services with Capital Infrastructure Group.

*For office use only:*

*Agenda Item Number: 5.h*

## **PROPOSAL FOR CONSULTING SERVICES**

THIS AGREEMENT, is entered into as of January 1, 2013 by and between City of St. Charles, Illinois (hereinafter called "Client") with its offices at Two East Main Street, St. Charles, Illinois, 60174, and Capital Infrastructure Group, LLC (hereinafter called "CIG") with its offices located at 3509 Benbrook Drive, Springfield, Illinois 62711.

### **WITNESSETH:**

WHEREAS, Client wishes to retain CIG to furnish certain consulting services (hereinafter more particularly described), which CIG is qualified to perform, on behalf of Client in the State of Illinois; and

WHEREAS, CIG is willing to render such services and is properly registered to do so,

NOW, THEREFORE, the parties hereto do agree as follows:

#### 1. Terms

- (a) This agreement shall be effective as of January 1, 2013, and continue in full force and effect through August 30, 2013 (eight months). Subject to fifteen (15) day's written notice, agreement may be terminated at any time, for any reason by either party.
- (b) Termination shall not terminate any consulting service obligations of CIG, including, but not limited to, those set forth in Sections 6, 7 and 8 and shall in no way be deemed to be construed as a restriction, limitation or waiver of either party's rights to pursue any additional available remedy at law or equity.

#### 2. Consulting Services

- (a) Client hereby retains CIG and CIG hereby undertakes to exercise its best efforts to protect and promote the business, reputation and interests of Client, performing consulting services (hereby called "Services"). The primary focus and scope of such services shall include, but not be limited to, the following:

- Assist with assessing potential impacts to City and the drafting of appropriate response to the IEPA regarding Post-Development Stormwater Runoff Performance Standards being considered for adoption; specifically with regard to the 1.35” containment provisions and the impacts to linear improvements.
- Provide continued assistance with the necessary reviews and pursuit of state and federal funding for the Red Gate Bridge.
- Assist as needed with counsel on timely agency reviews, and managing citizen input and public relations leading to the successful completion of Phase III (Construction) of the Red Gate Bridge project.
- Assist with liaison between the City, State Officials and other involved parties on scheduled improvements to Main Street (Illinois Route 64), including impact mitigation to affected private and public properties.
- Assist with the expeditious resolution of issues resulting from, and related to routine problems that can be expected to occur during the course of projects such as the improvement of Main Street (Illinois Route 64).
- Assist the City in the identification of potential grant opportunities and other funding sources that might provide funding for desirable improvements to the infrastructure of the City.
- Use extensive knowledge of agency policy to expedite specified projects through IDOT and FHWA review processes.
- Use longstanding relationships in the Illinois General Assembly and the US Congress to assist in identifying and seeking the funding necessary for advancement of the projects sought by the City.
- Assist with public relations and awareness of the issues and action points where community involvement is most useful and effective, including participation in meetings between local officials and state or federal legislators and involved agencies.
- Keep Client apprised on a regular basis of legislation and regulatory activities now pending or proposed, or which may be proposed during the term hereof, in the Illinois State Legislature, the United States Congress or in any agency or department of either, pertaining to the focus of this agreement.
- Public affairs consulting efforts with key legislative or regulatory officials and their staffs, on matters pertaining to the subject project.

- On instructions from an authorized representative designated under section 5, undertaking such actions as Client may deem appropriate and consistent with the objectives of this Agreement, these actions may include, appearing and/or testifying at hearings and promote the interests of Client and its subsidiaries with respect to matters and/or proceedings proposed or pending before legislative, administrative and/or executive governmental bodies.
- (b) CIG shall provide Client with written reports on its activities under this agreement as requested.
- (c) CIG shall maintain close liaison and frequent communication with the authorized representatives designated under Section 5.

### 3. Compensation

- (a) In consideration of CIG's rendering of Services, Client shall pay CIG monthly payments of \$3000.00 a month to begin within 30 days from the acceptance date by both the Client and CIG of this agreement.
- (b) It is understood and agreed that the compensation recited in subsection (a) includes usual and ordinary costs and expenses. If CIG determines that there is a need to incur extraordinary costs and expenses in the performance of Services (such as travel to Washington, DC) Client shall reimburse CIG, provided the nature, amount and circumstances thereof are **fully disclosed to and prior approval is obtained** from an authorized representative designated under Section 5, and upon receipt of a detailed accounting of all such extraordinary costs and expenses.

### 4. Relationship with Other Clients

Should a possible conflict of interest arise at any time during the term of this Agreement between the interests of Client and those of CIG, CIG agrees promptly and shall, if so directed by Client, refrain from performing Services with respect to such area of conflicting interest. CIG agrees that Client shall have the right to terminate this Agreement with respect to itself at any time without liability upon written notice to CIG if, in Client's sole judgement, upon reasonable basis, CIG's representation of its other clients conflicts with the best interests of Client.

### 5. Authorized Representatives

For the purpose of this agreement, Client's authorized representative shall be Director of Public Works, Mr. Mark Koenen. It is recognized that the Client may designate additional representatives as necessary. CIG's primary contact will be Milton R. Sees.

## 6. Compliance with State and Federal Laws

The parties recognize and agree that both have a long-standing policy to comply fully with the applicable federal, state and local laws regulating any and all such consulting activities, and each agree to fully comply with all applicable laws, decrees, rules, regulations, orders, ordinances, actions and requests of any federal, state or local governmental or judicial body, agency or official.

## 7. Indemnification

(a) CIG will assume full responsibility for and shall indemnify and hold harmless Client and their directors, officers, employees and agents, from and against any and all losses, claims and liabilities, penalties, fines causes of action, damages, costs and expenses (including reasonable attorney's fees and expenses) arising out of or resulting from any gross negligence or wrongful or willful misconduct on the part of CIG or any breach by CIG of any of the terms and provisions of this Agreement.

(b) Client will assume full responsibility for and shall indemnify and hold harmless CIG and its subsidiaries and their directors, officers, employees and agents, from and against any and all losses, claims and liabilities, penalties, fines causes of action, damages, costs and expenses (including reasonable attorney's fees and expenses) arising out of or resulting from any gross negligence or wrongful or willful misconduct on the part of Client or any breach by Client of any of the terms and provisions of this Agreement.

## 8. Confidentiality

CIG agrees not to disclose to any third party or use, except in connection with Services, or as may be consented to by the Client, any confidential information obtained concerning the business and operations of the Client, as well as, confidential information developed by CIG in rendering services. Should any of this information be made available to the public domain by Client, or by third parties without breach of this agreement, CIG shall be free to use such publicly available information.

## 9. Independent Contractor

CIG is and shall act as an independent contractor rendering Services hereunder.

10. Miscellaneous

- (a) This agreement constitutes the full understanding of the parties and a complete understanding of risks between them and a complete and exclusive statement of the terms and conditions of their agreement and supersedes any and all prior agreements, whether written or oral between the parties. A waiver by either party with respect to any breach or default or of any right or remedy not shall be deemed to constitute a waiver for any other breach or default or of any other right or remedy. Any such waiver is to be expressed in writing and signed by the party to be bound.
- (b) All provisions of this Agreement are severable and any provision, which may be prohibited by law, shall be ineffective to the extent of such prohibition without invalidating the remaining provisions.

IN WITNESS WHEREOF, the parties have duly executed this Agreement as of the date first above written.

Capital Infrastructure Group, LLC

City of St. Charles, Illinois

By \_\_\_\_\_  
Milton R. Sees, PE

By \_\_\_\_\_



ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title: Recommendation to Approve Change Orders for the Red Gate Bridge Advanced Work Contract

Presenter: James Bernahl

*Please check appropriate box:*

<input type="checkbox"/>	Government Operations	<input checked="" type="checkbox"/>	Government Services 11.26.12
<input type="checkbox"/>	Planning & Development	<input type="checkbox"/>	City Council
<input type="checkbox"/>	Public Hearing	<input type="checkbox"/>	

Estimated Cost:	\$(-84,260.05)	Budgeted:	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> X	<input type="checkbox"/> NO	<input type="checkbox"/>
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If NO, please explain how item will be funded:

**Executive Summary:**

This change order and final approval are associated with the Red Gate Bridge Advanced Work contract that was approved on June 5, 2011. The scope of work for this contract included mass earthwork, tree removal, installation of pedestrian underpass bridge for the existing bike path on the east side of the Fox River, earthwork trucking, and detention pond installation.

Description of Request for Change Order Number 8:

- Change order request number 8 is for the final balancing of pay items for actual work completed in the field. Due to various unknown field conditions throughout the project various pay items were increased or decreased based on the required modification. This change also includes the addition of required line stops to allow for the abandonment of the existing water main.

Original Contract Amount: \$1,651,718.23  
 Approved Change Orders: \$326,600.66 – Change Order No. 8 (-\$84,260.05) = \$242,340.61  
 Final Contract Price: **\$1,894,058.85**

These items have been budgeted for, and at present the construction project overall still remains below the original construction budgeted amount.

**Attachments:** *(please list)*

- Copy of Change Orders Number 8

**Recommendation / Suggested Action** *(briefly explain):*

Recommend approval of change order number 8 for a total amount not to exceed \$(-84,260.05).

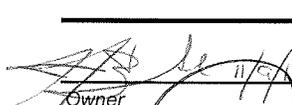
*For office use only:*

*Agenda Item Number: 5.i*

**City of St. Charles Public Works Engineering Division**

<b>CHANGE ORDER</b>	
<b>PROJECT:</b> Red Gate Road Advance Contract	<b>NO.:</b> <u>8</u>
	<b>DATE:</b> <u>9/5/2012</u>
<b>CONTRACTOR:</b> Herlihy Mid-Continent Co.	
<b>CONTRACT FOR:</b>	
<b>P.O. :</b>	<b>Budget Account :</b>
<b>You are directed to make the following changes:</b>	
<b>DESCRIPTION:</b>	This is a BALANCING AND FINAL change order for all the pay items that need adjustments from the current quantity to the final (measured and agreed) quantity.
<b>PURPOSE OF CHANGE:</b>	To make the necessary adjustments to the current contract quantities.
<b>ATTACHMENTS:</b>	Recommendation letter, contractor pricing, detailed specifications for the work.
CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIME
Original Contract price: <u>\$ 1,651,718.23</u>	Original Contract deadline: October 31, 2011 + 14 working days
Previous Change Orders: <u>\$ 326,600.66</u>	Previous Change Orders: n/a
Contract Price prior to this Change Order: <u>\$ 1,978,318.89</u>	Contract deadline prior to this Change Order: October 31, 2011 + 34 working days
Net <b>Increase</b> (Decrease) of this Change Order <u>\$ (84,260.05)</u>	Net Increase (Decrease) of this Change Order
Contract price with all approved Change Order: <u>\$ 1,894,058.85</u>	Contract deadline with all approved Change Order: October 31, 2011 + 34 working days

**RECOMMENDED:**  
  
 Resident Engineer Date 10/30/12

**APPROVED:**  
 Date 11/9/12  
 Date 11/9/12

It is determined that the circumstances necessitating this change order were not foreseeable at the time the original contract was signed, the change order is germane to the original contract as signed, and the change order is in the best interest of the City and authorized by law.

PAY ITEM CALCS

ITEM OR PCM	ITEM DESCRIPTION	UNITS	BID QUANTITY	ADDITION (OR DEDUCT.)	ADJUSTED QUANTITY	FINAL QUANTITY	INCREASE OR DECREASE	UNIT PRICE	COST INCREASE OR DECREASE
20100500	TREE REMOVAL, ACRES	ACRE	4.3		4.3	7.45	3.15	\$ 3,800.00	\$ 11,970.00
20101000	TEMPORARY FENCE	FOOT	5500		5,500.03	685	-1,815.0	\$ 2.20	\$ (3,993.00)
20101100	TREE TRUNK PROTECTION	EACH	100		100.0	0	-100.0	\$ 45.00	\$ (4,500.00)
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	100		100.0	1	-99.0	\$ 35.00	\$ (3,465.00)
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	100		100.0	42	-58.0	\$ 75.00	\$ (4,350.00)
20200100	EARTH EXCAVATION	CU YD	16188		16,188.0	29282	13,094.0	\$ 3.00	\$ 39,282.00
20400800	FURNISHED EXCAVATION	CU YD	59621		59,621.0	51689	-7,932.0	\$ 7.99	\$ (63,376.68)
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	298		298.0	260.1	-37.9	\$ 35.00	\$ (1,326.50)
20800150	TRENCH BACKFILL	CU YD	39		39.0	0	-39.0	\$ 35.00	\$ (1,365.00)
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	10402		10,402.0	6640	-3,762.0	\$ 5.92	\$ (22,271.04)
25000110	SEEDING, CLASS 1A	ACRE	0.2		0.2	0.22	0.02	\$ 3,000.00	\$ 60.00
25000210	SEEDING, CLASS 2A	ACRE	8.6		8.6	8.11	-0.49	\$ 775.00	\$ (379.75)
25000300	SEEDING, CLASS 3	ACRE	1.4		1.4	0.85	-0.55	\$ 1,500.00	\$ (825.00)
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	918		918.0	807.7	-110.3	\$ 2.00	\$ (220.60)
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND91	8		918.0	807.7	-110.3	\$ 2.00	\$ (220.60)
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND91	8		918.0	807.7	-110.3	\$ 2.00	\$ (220.60)
25002300	TEMPORARY SEEDING	ACRE	12.3		12.3	2.4	-9.9	\$ 100.00	\$ (990.00)
25100115	MULCH, METHOD 2	ACRE	2.7		2.7	2.62	-0.08	\$ 1,700.00	\$ (136.00)
25100630	EROSION CONTROL BLANKET	SQ YD	23957		23,957.0	39243	15,286.0	\$ 0.95	\$ 14,521.70
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	6731		6,731.0	4199.3	-2,531.7	\$ 1.25	\$ (3,164.63)
28000400	PERIMETER EROSION BARRIER	FOOT	7996		7,996.0	6805.5	-1,190.5	\$ 1.50	\$ (1,785.75)
28100107	STONE RIPRAP, CLASS A4	SQ YD	541		541.0	539	-2.0	\$ 50.00	\$ (100.00)
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	413		413.0	0	-413.0	\$ 9.50	\$ (3,923.50)
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	206		206.0	0	-206.0	\$ 4.00	\$ (824.00)
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	46		46.0	2.2	-43.8	\$ 230.00	\$ (10,074.00)
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1503		1,503.01	134	-369.0	\$ 1.00	\$ (369.00)
50300225	CONCRETE STRUCTURES	CU YD	77.6		77.6	77.7	0.1	\$ 500.00	\$ 50.00
50300255	CONCRETE SUPERSTRUCTURE	CU YD	349.9		349.9	349.9	0.0	\$ 745.00	\$ -
50300260	BRIDGE DECK GROOVING	SQ YD	808		808.0	0	-808.0	\$ 5.75	\$ (4,646.00)
50300280	CONCRETE ENCASEMENT	CU YD	7.7		7.7	8.4	0.7	\$ 1,250.00	\$ 875.00
50300300	PROTECTIVE COAT	SQ YD	924		924.0	898.1	-25.9	\$ 3.00	\$ (77.70)
50401105	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE I-BEAMS, 54 IN.	FOOT	894		894.0	893.1	-0.9	\$ 180.00	\$ (162.00)
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	88220		88,220.0	88220	0.0	\$ 1.10	\$ -
50800515	BAR SPLICERS	EACH	118		118.0	118	0.0	\$ 25.00	\$ -
51201600	FURNISHING STEEL PILES HP12X53	FOOT	784	600	1,384.0	1387.7	3.7	\$ 70.00	\$ 259.00
51202305	DRIVING PILES	FOOT	784	528	1,312.0	1312.1	0.1	\$ 1.00	\$ 0.10
51203600	TEST PILE STEEL HP12X53	EACH	2		2.0	2	0.0	\$ 10,000.00	\$ -
51500100	NAME PLATES	EACH	1		1.0	0.6	-0.4	\$ 650.00	\$ (260.00)
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1		1.0	1	0.0	\$ 475.00	\$ -
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1		1.0	1	0.0	\$ 550.00	\$ -
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	94		94.0	94	0.0	\$ 42.00	\$ -
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	48		48.0	54	6.0	\$ 47.00	\$ 282.00
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	63		63.0	54	-9.0	\$ 55.00	\$ (495.00)



CITY OF ST. CHARLES  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF ENGINEERING  
PAY ESTIMATE

PROJECT: Red Gate Road Extension over the Fox River – Advance Contract  
PROJECT NO.: B-5-113  
CONTRACT NO.: 17059  
SPECIFICATION NO.: 55745  
GENERAL CONTRACTOR: Herlihy Mid-Continent  
ESTIMATE NO.: 6 and FINAL  
ESTIMATE DATE: 10/31/2012  
BID AMOUNT: \$1,651,718.23  
APPROVED CHANGE ORDER AMOUNT: \$242,340.61 up to & including CO #8  
ADJUSTED TOTAL CONTRACT AMOUNT: \$1,894,058.84  
PREVIOUSLY PAID TO DATE AMOUNT: \$1,778,764.28  
THIS ESTIMATE AMOUNT: \$115,294.56  
% TO DATE: 100.00%  
% ESTIMATE AMOUNT: 6.09%

Submitted By:   
Approved By: 

ITEM OR PCM	ITEM DESCRIPTION	UNITS	BID QUANTITY	ADDITION (OR DEDUCT.)	ADJUSTED QUANTITY	QUANTITY OR PERCENT		UNIT PRICE	This Period	GTD	TOTAL
						CURRENT	TOTAL TO DATE				
20100500	TREE REMOVAL, ACRES	ACRE	4.3	3.15	7.45	3.15	7.45	\$ 3,800.00	3.15	7.45	\$11,970.00
20101000	TEMPORARY FENCE	FOOT	5,500	-1815.00	3685.00	100.00	3685.00	\$ 2.20	100.00	3685.00	\$220.00
20101100	TREE TRUNK PROTECTION	EACH	100	-100.00	0.00	0.00	0.00	\$ 45.00	0.00	0.00	\$0.00
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	100	-99.00	1.00	0.00	1.00	\$ 35.00	0.00	1.00	\$0.00
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	100	-58.00	42.00	0.00	42.00	\$ 75.00	0.00	42.00	\$0.00
20200100	EARTH EXCAVATION	CU YD	16,188	13094.00	29282.00	13094.00	29282.00	\$ 3.00	13094.00	29282.00	\$39,282.00
20400800	FURNISHED EXCAVATION	CU YD	59,621	-7932.00	51689.00	300.00	51689.00	\$ 7.99	300.00	51689.00	\$2,397.00
20700400	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	298	-37.90	260.10	0.00	260.10	\$ 35.00	0.00	260.10	\$0.00
20800150	TRENCH BACKFILL	CU YD	39	-39.00	0.00	0.00	0.00	\$ 35.00	0.00	0.00	\$0.00
21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	10,402	-3762.00	6640.00	0.00	6640.00	\$ 5.92	0.00	6640.00	\$0.00
25000110	SEEDING, CLASS 1A	ACRE	0.20	0.02	0.22	0.02	0.22	\$ 3,000.00	0.02	0.22	\$60.00
25000210	SEEDING, CLASS 2A	ACRE	8.60	-0.49	8.11	0.01	8.11	\$ 775.00	0.01	8.11	\$7.75
25000300	SEEDING, CLASS 3	ACRE	1.40	-0.55	0.85	0.05	0.85	\$ 1,500.00	0.05	0.85	\$75.00
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	918	-110.30	807.70	0.70	807.70	\$ 2.00	0.00	807.70	\$1.40
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	918	-110.30	807.70	0.70	807.70	\$ 2.00	0.70	807.70	\$1.40
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	918	-110.30	807.70	0.70	807.70	\$ 2.00	0.00	807.70	\$1.40
25002300	TEMPORARY SEEDING	ACRE	12.30	-9.90	2.40	0.00	2.40	\$ 100.00	0.00	2.40	\$0.00
25100115	MULCH, METHOD 2	ACRE	2.70	-0.08	2.62	0.02	2.62	\$ 1,700.00	0.02	2.62	\$34.00
25100630	EROSION CONTROL BLANKET	SQ YD	23,957	15286.00	39243.00	15286.00	39243.00	\$ 0.95	15286.00	39243.00	\$14,521.70
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	6,731	-2531.70	4199.30	0.30	4199.30	\$ 1.25	0.30	4199.30	\$0.38
28000400	PERIMETER EROSION BARRIER	FOOT	7,996	-1190.50	6805.50	0.50	6805.50	\$ 1.50	0.50	6805.50	\$0.75
28100107	STONE RIPRAP, CLASS A4	SQ YD	541	-2.00	539.00	0.00	539.00	\$ 50.00	0.00	539.00	\$0.00
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	413	-413.00	0.00	0.00	0.00	\$ 9.50	0.00	0.00	\$0.00
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	206	-206.00	0.00	0.00	0.00	\$ 4.00	0.00	0.00	\$0.00
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	46	-43.80	2.20	0.20	2.20	\$ 230.00	0.20	2.20	\$46.00
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,503	-369.00	1134.00	0.00	1134.00	\$ 1.00	0.00	1134.00	\$0.00
50300225	CONCRETE STRUCTURES	CU YD	77.60	0.10	77.70	0.10	77.70	\$ 500.00	0.10	77.70	\$50.00
50300255	CONCRETE SUPERSTRUCTURE	CU YD	349.90	0.00	349.90	0.00	349.90	\$ 745.00	0.00	349.90	\$0.00
50300260	BRIDGE DECK GROOVING	SQ YD	808	-808.00	0.00	0.00	0.00	\$ 5.75	0.00	0.00	\$0.00
50300280	CONCRETE ENCASEMENT	CU YD	7.70	0.70	8.40	0.70	8.40	\$ 1,250.00	0.70	8.40	\$875.00
50300300	PROTECTIVE COAT	SQ YD	924	-25.90	898.10	0.00	898.10	\$ 3.00	0.00	898.10	\$0.00
50401105	FURNISHING AND ERECTING PRECAST PRESTRESSED CONCRETE I-BEAMS, 54 IN.	FOOT	894	-0.90	893.10	0.00	893.10	\$ 180.00	0.00	893.10	\$0.00
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	88,220	0.00	88220.00	0.00	88220.00	\$ 1.10	0.00	88220.00	\$0.00
50800515	BAR SPLICERS	EACH	118	0.00	118.00	0.00	118.00	\$ 25.00	0.00	118.00	\$0.00
51201600	FURNISHING STEEL PILES HP12X53	FOOT	784	603.70	1387.70	3.70	1387.70	\$ 70.00	3.70	1387.70	\$259.00
51202305	DRIVING PILES	FOOT	784	528.10	1312.10	0.10	1312.10	\$ 1.00	0.10	1312.10	\$0.10
51203600	TEST PILE STEEL HP12X53	EACH	2	0.00	2.00	0.00	2.00	\$ 10,000.00	0.00	2.00	\$0.00

ITEM OR PCM	ITEM DESCRIPTION	UNITS	BID QUANTITY	ADDITION (OR DEDUCT.)	ADJUSTED QUANTITY	QUANTITY OR PERCENT		UNIT PRICE	This Period	QTD	TOTAL
						CURRENT	TOTAL TO DATE				
51500100	NAME PLATES	EACH	1	-0.40	0.60	0.00	0.60	\$ 650.00	0.00	0.60	\$0.00
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	0.00	1.00	0.00	1.00	\$ 475.00	0.00	1.00	\$0.00
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	1	0.00	1.00	0.00	1.00	\$ 550.00	0.00	1.00	\$0.00
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	94	0.00	94.00	0.00	94.00	\$ 42.00	0.00	94.00	\$0.00
550A0360	STORM SEWERS, CLASS A, TYPE 2 15"	FOOT	48	6.00	54.00	6.00	54.00	\$ 47.00	6.00	54.00	\$282.00
550A0640	STORM SEWERS, CLASS A, TYPE 3 12"	FOOT	63	-9.00	54.00	0.00	54.00	\$ 55.00	0.00	54.00	\$0.00
550A1550	STORM SEWERS, CLASS A, TYPE 6 15"	FOOT	82	-6.00	76.00	0.00	76.00	\$ 60.00	0.00	76.00	\$0.00
55100500	STORM SEWER REMOVAL 12"	FOOT	25	-25.00	0.00	0.00	0.00	\$ 10.00	0.00	0.00	\$0.00
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	132	-4.70	127.30	0.00	127.30	\$ 12.00	0.00	127.30	\$0.00
60109580	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	227	-25.80	201.20	0.00	201.20	\$ 28.00	0.00	201.20	\$0.00
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	3	0.00	3.00	0.00	3.00	\$ 2,240.00	0.00	3.00	\$0.00
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	0.00	1.00	0.00	1.00	\$ 4,452.00	0.00	1.00	\$0.00
60219000	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	1	0.00	1.00	0.00	1.00	\$ 1,751.00	0.00	1.00	\$0.00
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	0.00	1.00	0.00	1.00	\$ 6,500.00	0.00	1.00	\$0.00
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	0.00	6.00	0.00	6.00	\$ 2,000.00	0.00	6.00	\$0.00
67100100	MOBILIZATION	L SUM	1	0.00	1.00	0.00	1.00	\$ 58,000.00	0.00	1.00	\$0.00
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	0.00	1.00	0.00	1.00	\$ 4,890.00	0.00	1.00	\$0.00
X0322671	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	1,500	-1229.30	270.70	0.00	270.70	\$ 5.50	0.00	270.70	\$0.00
XX004094	CONCRETE SLOPEWALL	SQ FT	5,163	49.70	5212.70	49.70	5212.70	\$ 15.00	49.70	5212.70	\$745.50
XX006821	CONCRETE TRUCK WASHOUT	L SUM	1	0.00	1.00	0.00	1.00	\$ 2,000.00	0.00	1.00	\$0.00
XXXXXXX	SEDIMENT BASIN DEWATERING STRUCTURE	EACH	2	0.00	2.00	0.00	2.00	\$ 1,000.00	0.00	2.00	\$0.00
Z0007124	STEEL RAILING (SPECIAL)	FOOT	262	-3.20	258.80	0.00	258.80	\$ 125.00	0.00	258.80	\$0.00
Z0013300	CONCRETE REMOVAL (SPECIAL)	SQ YD	269	-269.00	0.00	0.00	0.00	\$ 6.00	0.00	0.00	\$0.00
Z0019600	DUST CONTROL WATERING	UNIT	300	-198.00	102.00	0.00	102.00	\$ 15.00	0.00	102.00	\$0.00
Z0022800	FENCE REMOVAL	FOOT	358	163.00	521.00	163.00	521.00	\$ 3.65	0.00	521.00	\$594.95
X9100001	ELECTRICAL DUCT BANK, SPECIAL	\$	0	36575.00	36575.00	0.00	36575.00	\$ 1.00	0.00	36575.00	\$0.00
X9100002	HYDROEXCAVATION OF MCI LINE	LS	0	1.00	1.00	0.00	1.00	\$ 2,212.50	0.00	1.00	\$0.00
FRC00001	PILE SPLICES	\$	0	12968.90	12968.90	0.00	12968.90	\$ 1.00	0.00	12968.90	\$0.00
FRC00002	REMOVAL OF SPOIL NEAR IL 25	\$	0	4834.27	4834.27	0.00	4834.27	\$ 1.00	0.00	4834.27	\$0.00
FRC00003	UNDERDRAIN INSTALLATION	\$	0	13769.62	13769.62	0.00	13769.62	\$ 1.00	0.00	13769.62	\$0.00
FRC00004	REMOVAL OF SPOIL AT WEST BLUFF	\$	0	7797.37	7797.37	0.00	7797.37	\$ 1.00	0.00	7797.37	\$0.00
X9100003	HAUL ROAD AND CAUSEWAY	LS	0	0.974	0.974	0.214	0.974	\$ 205,000.00	0.214	0.974	\$43,870.00
										0.00	\$0.00
										0.00	\$0.00
										0.00	\$0.00
										0.00	\$0.00
										0.00	\$0.00



**ST. CHARLES**  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

**Title:** Recommendation to Approve Change Orders 1 – 7 for the Red Gate Bridge Main Contract Project

**Presenter:** James Bernahl

*Please check appropriate box:*

	Government Operations	X	Government Services 11-26-12
	Planning & Development		City Council
	Public Hearing		

Estimated Cost:	\$(-146,865.38)	Budgeted:	YES	X	NO	
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If NO, please explain how item will be funded:

**Executive Summary:**

These change orders are part of the Red Gate Bridge main construction contract which began at the conclusion of the Red Gate Bridge advanced work contract that concluded in April 2012. This main contract involves the construction of the Red Gate Bridge which includes the pedestrian bridge and boardwalk, intersection and roadway improvements on IL Route 31 and 25, and the installation on new city infrastructure such as water, storm and electric.

- Change order request number 1 is for the increase length of the bridge piles. Due to soil conditions there was a need for increased length of the piles for piers 7 and 6. This change resulted in a net increase of \$8,978.
- Change order request number 2 is for the need for additional lengths of 12-inch water main due to utility conflicts encountered near the intersection of IL 31 and Red Gate Road. This change resulted in a cost savings of (-\$4,640).
- Change order request number 3 is for the change in electrical conduit materials. This modification to a lighter more resilient material resulted in a net savings of (-\$155,880).
- Change order number 4 is for the change in materials from precast concrete piles to cast in place piles. These materials will be used for the pedestrian bridge on the east side of the river. Due to soils conditions not anticipated this modification resulted in a net savings of (-\$1,548.08).
- Change order number 5 is for the modification to the contract for embedding the proposed traffic signal interconnects conduits into the bridge decking versus suspending the conduits from the bridge. This modification resulted in a savings of (-\$7,675).
- Change order number 6 is for the modification the design for the concrete material to be placed on the pedestrian bridge. The modification allows for a small aggregate which will allow for more uniform protection of the reinforcement. This change resulted in a net increase of \$2,500.
- Change order number 7 is for the addition of two land marker pylons to be placed at the western and eastern approaches to the pedestrian bridge. This change resulted in a net increase of \$11,400.

**Attachments:** *(please list)*

- Copy of Change Orders Numbers 1-7
- Copy of IDOT Change Order Tracking Sheet

**Recommendation / Suggested Action** *(briefly explain):*

Recommend approval of change orders numbers 1-7 for the Red Gate Bridge Main Contract for a total amount not to exceed \$(-146,865.38).

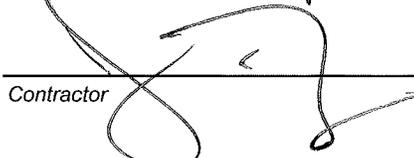
*For office use only:*

*Agenda Item Number: 5.j*

**City of St. Charles Public Works Engineering Division**

<b>CHANGE ORDER</b>	
<b>PROJECT:</b> Red Gate Bridge	<b>NO. 1 (IDOT Auth #1)</b> <b>DATE:</b> <u>5/7/2012</u>
<b>CONTRACTOR:</b> James McHugh	
<b>CONTRACT FOR:</b>	
<b>P.O. :</b>	<b>Budget Account :</b>
<b>You are directed to make the following changes:</b>	
<b>DESCRIPTION:</b>	In accordance with Article 512.18(h) of the Standard Specification for Road and Bridge Construction, Adopted January 1, 2012, the required pile lengths exceeded the length specified in the contract plans by greater than 10 ft. Additional splicing was required to provide the lengths specified.
<b>PURPOSE OF CHANGE:</b>	The contract plans called for furnished pile lengths of 30' at the East Abutment; 40' at Pier 7 and 54' at Pier 6. Due to the reduced bearing resistance by the subsurface soils, the actual furnished length at the East Abutment was 55', Pier 7 was 65' and Pier 6 was 65'. Additionally, it was determined that due to the "easy" driving conditions, greater pile bearing could be gained by removing the pile shoes. For this reason, the structural designers directed that the pile shoes be removed.
<b>ATTACHMENTS:</b>	
CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIME
Original Contract price: <u>\$21,024,825.54</u>	Original Contract deadline:
Previous Change Orders: <u>\$ -</u>	Previous Change Orders:
Contract Price prior to this Change Order: <u>\$21,024,825.54</u>	Contract deadline prior to this Change Order:
Net Increase (Decrease) of this Change Order: <u>\$ 8,978.00</u>	Net Increase (Decrease) of this Change Order:
Contract price with all approved Change Order: <u>\$21,033,803.54</u>	Contract deadline with all approved Change Order:

**RECOMMENDED:**  
  
 Resident Engineer                      Date 10.18.12

**APPROVED:**  
                      Date 10-29-12  
 Owner  
                      Date 10-18-12  
 Contractor

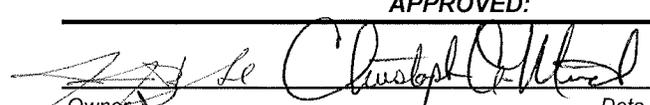
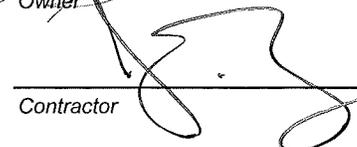
It is determined that the circumstances necessitating this change order were not foreseeable at the time the original contract was signed, the change order is germane to the original contract as signed, and the change order is in the best interest of the City and authorized by law.



**City of St. Charles Public Works Engineering Division**

<b>CHANGE ORDER</b>	
<b>PROJECT:</b>	Red Gate Bridge
<b>CONTRACTOR:</b>	James McHugh
<b>CONTRACT FOR:</b>	
<b>NO. 3 (IDOT Auth #6)</b>	
<b>DATE: 6/20/2012</b>	
<b>P.O. :</b>	<b>Budget Account :</b>
<b>You are directed to make the following changes:</b>	
<b>DESCRIPTION:</b>	Furnish the labor, equipment and materials necessary to install Fiberglass Reinforced Epoxy Conduits to the underside of the Red Gate Road Roadway Bridge in lieu of the contract specified PVC Coated Galvanized Conduit.
<b>PURPOSE OF CHANGE:</b>	Due to the potential long term maintenance requirements of 6" PVC Coated Galvanized Conduits, the City of St. Charles requested the change to a lighter and more durable product. The City of St. Charles has approved the conduit for use.
<b>ATTACHMENTS:</b>	
CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIME
Original Contract price: <b>\$21,024,825.54</b>	Original Contract deadline:
Previous Change Orders: <b>\$ 4,338.00</b>	Previous Change Orders:
Contract Price prior to this Change Order: <b>\$21,029,163.54</b>	Contract deadline prior to this Change Order:
<b>Net Increase (Decrease) of this Change Order</b> <b>\$ (155,880.30)</b>	<b>Net Increase (Decrease) of this Change Order</b>
Contract price with all approved Change Order: <b>\$20,873,283.24</b>	Contract deadline with all approved Change Order:

**RECOMMENDED:**  
  
 Resident Engineer      Date **10-18-12**

**APPROVED:**  
  
 Owner      Date **10/24/12**  
  
 Contractor      Date **10-18-12**

It is determined that the circumstances necessitating this change order were not foreseeable at the time the original contract was signed, the change order is germane to the original contract as signed, and the change order is in the best interest of the City and authorized by law.

**City of St. Charles Public Works Engineering Division**

**CHANGE ORDER**

<b>PROJECT:</b>	Red Gate Bridge	<b>NO. 4 (IDOT Auth #11)</b>
		<b>DATE:</b> <u>8/7/2012</u>
<b>CONTRACTOR:</b>	James McHugh	
<b>CONTRACT FOR:</b>		

<b>P.O. :</b>	<b>Budget Account :</b>
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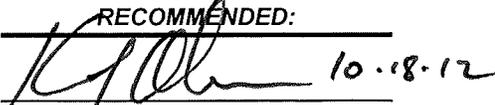
**You are directed to make the following changes:**

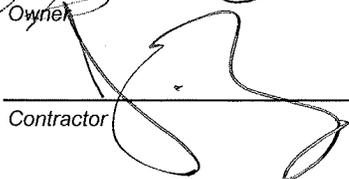
**DESCRIPTION:** Red Gate Road, IL 31 to IL 25. Furnish the labor, equipment and materials necessary to install 12" diameter drilled shaft with cast in place concrete columns in lieu of the contract specified precast concrete piles. These drilled shafts will support the Boardwalk Structure (Special) item on the east side of the river.

**PURPOSE OF CHANGE:** Installing precast concrete piles is not feasible in the area that they were to be installed because of the subsurface soil conditions. Large amounts of basketball sized river stone is present and could have damaged the concrete piles during installation. Utilizing drilled shafts (and cast in place columns) will allow easy removal of any rock that is encountered during the auguring process.

**ATTACHMENTS:**

CHANGE IN CONTRACT PRICE		CHANGE IN CONTRACT TIME	
Original Contract price:	\$21,024,825.54	Original Contract deadline:	
Previous Change Orders:	\$ (151,542.30)	Previous Change Orders:	
Contract Price prior to this Change Order:	\$20,873,283.24	Contract deadline prior to this Change Order:	
<b>Net Increase (Decrease) of this Change Order</b>	<b>\$ (1,548.08)</b>	<b>Net Increase (Decrease) of this Change Order</b>	
Contract price with all approved Change Order:	\$20,871,735.16	Contract deadline with all approved Change Order:	

**RECOMMENDED:**  
  
 Resident Engineer                      Date 10-18-12

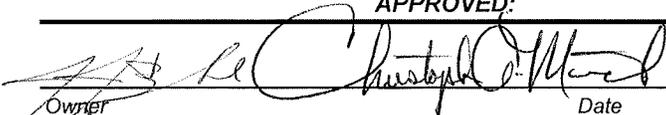
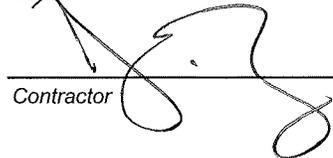
**APPROVED:**  
  
 Owner    Date 10/29/12  
  
  
 Contractor    Date 10-18-12

It is determined that the circumstances necessitating this change order were not foreseeable at the time the original contract was signed, the change order is germane to the original contract as signed, and the change order is in the best interest of the City and authorized by law.

**City of St. Charles Public Works Engineering Division**

<b>CHANGE ORDER</b>	
<b>PROJECT:</b>	Red Gate Bridge
<b>CONTRACTOR:</b>	James McHugh
<b>CONTRACT FOR:</b>	
<b>NO. 5 (IDOT Auth #14)</b>	
<b>DATE: 8/15/2012</b>	
<b>P.O. :</b>	<b>Budget Account :</b>
<b>You are directed to make the following changes:</b>	
<b>DESCRIPTION:</b>	Red Gate Road, IL 31 to IL 25. Provide labor, material and equipment necessary to embed, within the roadway bridge deck, two (2) 2" PVC conduits that are to be used for the bridge lighting and traffic signal interconnect. The embedment is in lieu of attaching the conduit to underneath the bridge deck. Additional splicing was required to provide the lengths specified.
<b>PURPOSE OF CHANGE:</b>	The plans called for attaching the conduits for the traffic signal interconnect and the bridge lighting to the bottom of the bridge deck. Due to the framing plan for the structural steel, it is not possible to do this. Embedding the conduits in the deck will allow for these items to be installed without extensive modifications to the structural steel framing and will result in a cost savings without impacting quality.
<b>ATTACHMENTS:</b>	
CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIME
Original Contract price: <u>\$21,024,825.54</u>	Original Contract deadline:
Previous Change Orders: <u>\$ (153,090.38)</u>	Previous Change Orders:
Contract Price prior to this Change Order: <u>\$20,871,735.16</u>	Contract deadline prior to this Change Order:
Net Increase (Decrease) of this Change Order: <u>\$ (7,675.00)</u>	Net Increase (Decrease) of this Change Order:
Contract price with all approved Change Order: <u>\$20,864,060.16</u>	Contract deadline with all approved Change Order:

**RECOMMENDED:**  
  
 Resident Engineer      Date 10-18-12

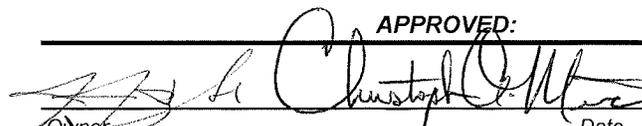
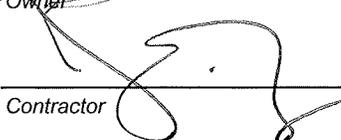
**APPROVED:**  
  
 Owner      Date 10/29/12  
  
 Contractor      Date 10-18-12

It is determined that the circumstances necessitating this change order were not foreseeable at the time the original contract was signed, the change order is germane to the original contract as signed, and the change order is in the best interest of the City and authorized by law.

**City of St. Charles Public Works Engineering Division**

<b>CHANGE ORDER</b>	
<b>PROJECT:</b> Red Gate Bridge	<b>NO. 6 (IDOT Auth #17)</b> <b>DATE:</b> 9/19/2012
<b>CONTRACTOR:</b> James McHugh <b>CONTRACT FOR:</b>	
<b>P.O. :</b>	<b>Budget Account :</b>
<b>You are directed to make the following changes:</b>	
<b>DESCRIPTION:</b>	Red Gate Road, IL 31 to IL 25. This change is to compensate the Contractor to provide Class DS mix for the Superstructure concrete for Structure # 045-6020 in lieu of Class BS superstructure concrete.
<b>PURPOSE OF CHANGE:</b>	The deck thickness for Structure # 045-6020 is only 7.5" thick. There is also a ribbed "stay in place" metal decking for this structure. At the high point of the rib, the deck thickness is only 5.75" thick. With two layers of #5 reinforcing rods, there is the possibility of the 3/4" aggregate found in the BS mix not being able to consolidate fully around the rebar. Using a DS mix, which contains pea gravel sized aggregate, will ensure that aggregate is consolidated fully around the rebar and throughout the entire deck.
<b>ATTACHMENTS:</b>	
CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIME
Original Contract price: <u>\$21,024,825.54</u>	Original Contract deadline:
Previous Change Orders: <u>\$ (160,765.38)</u>	Previous Change Orders:
Contract Price prior to this Change Order: \$20,864,060.16	Contract deadline prior to this Change Order:
Net Increase (Decrease) of this Change Order \$ 2,500.00	Net Increase (Decrease) of this Change Order
Contract price with all approved Change Order: \$20,866,560.16	Contract deadline with all approved Change Order:

**RECOMMENDED:**  
  
 Resident Engineer                      10.18.12  
 Date

**APPROVED:**  
  
 Owner                                      10/29/12  
 Date  
  
 Contractor                                      10-18-12  
 Date

It is determined that the circumstances necessitating this change order were not foreseeable at the time the original contract was signed, the change order is germane to the original contract as signed, and the change order is in the best interest of the City and authorized by law.

**City of St. Charles Public Works Engineering Division**

**CHANGE ORDER**

**PROJECT:** Red Gate Bridge

**NO. 7 (IDOT Auth #18)**  
**DATE:** 10/11/2012

**CONTRACTOR:** James McHugh  
**CONTRACT FOR:**

**P.O. :**

**Budget Account :**

**You are directed to make the following changes:**

**DESCRIPTION:** Red Gate Road, IL 31 to IL 25. Provide an additional two(2) Precast Concrete Pylon, Type A, Item XX008621, to be placed at the west end of the Pedestrian Bridge and at the intersection of the Fox River Trail and the Boardwalk.

**PURPOSE OF CHANGE:** To commemorate the opening of the Red Gate Bridge, they City has asked for two additional Pylons to be fabricated for placement as descibed above.

**ATTACHMENTS:**

**CHANGE IN CONTRACT PRICE**

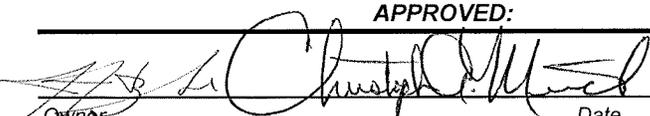
**CHANGE IN CONTRACT TIME**

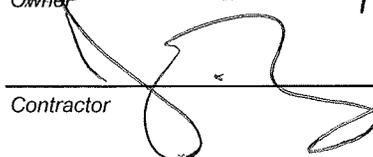
Original Contract price:	\$21,024,825.54	Original Contract deadline:	
Previous Change Orders:	\$ (158,265.38)	Previous Change Orders:	
Contract Price prior to this Change Order:	\$20,866,560.16	Contract deadline prior to this Change Order:	
Net Increase (Decrease) of this Change Order	\$ 11,400.00	Net Increase (Decrease) of this Change Order	
Contract price with all approved Change Order:	\$20,877,960.16	Contract deadline with all approved Change Order:	

**RECOMMENDED:**

 12.18.12  
Resident Engineer Date

**APPROVED:**

 10/29/12  
Owner Date

 10-18-12  
Contractor Date

It is determined that the circumstances necessitating this change order were not foreseeable at the time the original contract was signed, the change order is germane to the original contract as signed, and the change order is in the best interest of the City and authorized by law.

BC 2256 BC 22

No.	Description	Add	Deduct	Net Change	Payment Method	FUND	A.U.P. Received	Prepared By	Local Agency Area Engineer	Engineer of Construction	Director of Highways	Resident Engineer	In Office	For Signature	To Springfield
1	Piling Extras	\$ 71,450.00	\$ 26,560.00	\$44,890.00 \$0.00	FRC	STE		05/07/12	6/13/12			06/21/12	08/13/12	08/13/12	08/23/12
2	Tree Removal	\$ 23,932.60	\$ 5,088.00	\$18,844.60 \$0.00	LIC	SRF		05/04/12				06/14/12	06/22/12	06/22/12	07/12/12
3	Erosion Control Maintenance	\$ 6,300.00	\$ 6,300.00	\$0.00 \$0.00	FRC	SRF		05/07/12				06/21/12	08/07/12	08/07/12	08/13/12
4	Watermain Extras	\$ 15,500.00	\$ 20,140.00	(\$4,640.00) \$0.00	FRC/LIC	BAL		06/13/12				06/14/12	06/22/12	06/22/12	07/12/12
5	East Haul Road Maintenance	\$ 8,000.00		\$8,000.00 \$0.00	FRC	SRF		06/13/12				06/14/12	06/22/12	06/22/12	07/25/12
6	FRE Conduit	\$ 510,509.70	\$ 666,390.00	(\$155,880.30) \$0.00	AUP	BAL	6/20/2012	06/20/12	7/30/12			08/09/12	09/06/12	09/10/12	09/29/12
7	Temp Seed	\$ 15,368.84		\$15,368.84 \$0.00	AUP	SRF	6/20/2012	06/20/12	7/30/12			08/09/12	08/20/12		
8	Pavement Patching	\$ 15,770.00 \$ 11,210.00	\$ 15,770.00 \$ 11,210.00	\$0.00 \$0.00	AUP AUP	SRF BAL		06/26/12 06/26/12				07/20/12	07/31/12		
9	IL 25 Culvert Repair	\$ 180,000.00		\$180,000.00 \$0.00	FRC	SRF		07/16/12	7/16/12			07/17/12	07/23/12	07/23/12	08/14/12
10	Fiber Optic Cable Change	\$ 1,202.60		\$1,202.60 \$0.00	AUP	SRF	7/29/2012	07/29/12	7/30/12			08/09/12	08/20/12	09/05/12	09/10/12
11	Boardwalk SPL Pile Change	\$ 248,529.60	\$ 256,270.00	(\$7,740.40) \$0.00	AUP	STE		08/07/12	8/9/12			08/23/12	09/06/12	09/10/12	09/27/12
12	CLSM for IL 25 Abandoned Pipe	\$ 2,000.00		\$2,000.00 \$0.00	FRC	SRF		07/26/12	8/13/12			08/23/12	09/06/12	09/06/12	10/10/12
13	N70 Binder Substitution	\$ 61,039.00	\$ 58,652.00	\$2,387.00 \$0.00	AUP	SRF		08/15/12	8/17/12						
14	Embedded Conduits	\$ 24,644.00 \$ 24,644.00	\$ 31,423.00 \$ 32,319.00	(\$6,779.00) (\$7,675.00)	AUP AUP	SRF BAL		08/15/12	8/17/12						
15	IL 25 C&G and Guardrail	\$ 30,000.00		\$30,000.00 \$0.00	FRC	SRF		08/27/12	9/14/12			10/11/12			
16	IL 25 Sewer & HMA Extras	\$ 15,000.00		\$15,000.00 \$0.00		SRF		08/27/12	8/27/12			10/11/12			
17	DS Mix for Ped Bridge	\$ 2,500.00		\$2,500.00 \$0.00	FRC	BAL		09/19/12	9/27/12			10/11/12			
18	Extra Precast Pylons	\$ 11,400.00		\$11,400.00 \$0.00	LIC	BAL		10/11/12							
19	HMA N50 Polymer	\$ 43,312.50	\$ 38,700.00	\$4,612.50 \$0.00	AUP	SRF		10/11/12							
20	Hevy Duty Erosion Blanket	\$ 2,000.00		\$2,000.00 \$0.00	AUP	SRF		10/11/12							
21	Rip Rap Under Bridge	\$ 105,280.00	\$ 4,725.00	\$100,555.00 \$0.00	LIC	SRF		10/11/12							
22				\$0.00 \$0.00											

Subtotal	\$ 1,429,592.84	\$ 1,173,547.00
Total	\$ 256,045.84	
<b>Awarded Contract Value</b>	<b>\$ 21,024,825.54</b>	
<b>Net change (% of Contract)</b>	<b>1.22%</b>	
<b>Net cost</b>	<b>\$ 21,280,871.38</b>	

**Awarded Contract Value**

	Award Amount	Added by Authorizations	Invoiced Amount	Remaining Amount
SEC	\$ 260,463.00	\$ -	\$ -	\$ 260,463.00
STE	\$ 870,375.00	\$ 37,149.60	\$ -	\$ 907,524.60
STU	\$ 3,568,898.00	\$ -	\$ -	\$ 3,568,898.00
STA	\$ 2,400,000.00	\$ -	\$ -	\$ 2,400,000.00
TCS	\$ 565,337.00	\$ -	\$ -	\$ 565,337.00
SRF	\$ 11,557,012.00	\$ 373,191.54	\$ -	\$ 11,930,203.54
St. Charles	\$ 2,865,563.00	\$ (154,295.30)	\$ -	\$ 2,711,267.70
<b>TOTAL</b>	<b>\$ 22,087,648.00</b>	<b>\$ 256,045.84</b>	<b>\$ -</b>	<b>\$ 22,343,693.84</b>





ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title: Discussion regarding Red Gate Road status anticipating the Red Gate Bridge opening on December 15

Presenter: Mark Koenen and Chief Lamkin

*Please check appropriate box:*

<input checked="" type="checkbox"/>	Government Operations	X	Government Services 11.26.12
<input type="checkbox"/>	Planning & Development		City Council
<input type="checkbox"/>	Public Hearing		

Estimated Cost:		Budgeted:	YES	X	NO	
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**Executive Summary:**

The purpose of this discussion is to update the committee on steps being taken in anticipation of traffic changes due to the opening of the Red Gate Bridge on Dec. 15, 2012.

Coordination with District 303 St. Charles North HS staff regarding potential traffic changes include the following:

- 1- Temporary restriction on school days only between 6:30 AM and 7:30 AM; no south bound vehicle travel along River Ridge Dr. between Red Gate Rd. and River View Dr. will be permitted. FYI - River Ridge Dr. is directly opposite the primary SCN HS access and serves the residential neighborhoods known as Rivers Edge and The Reserves of St Charles.
- 2- Police presence at the intersection of Red Gate Rd and River Ridge Dr. / SCN HS access to assist with traffic management.
- 3- Informational signage at the intersection of IL 31 and Reserve Dr. indicating there is no through access to Red Gate Rd between 6:30 AM and 7:30 AM on school days.
- 4- Informational signage will be posted at the intersection of River View Dr. and River Ridge Dr. on or before December 7, 2012, alerting motorists of the school day street restriction to start on December 17, 2012.

Please recall option 1 (of the series of Red Gate Rd improvements presented to the GSC this past year); Red Gate Rd. pavement marking was updated this past summer to reflect the left turning movements at the SCN HS entrance and River Ridge Dr.

In the longer term, the city is preparing for the installation of traffic signals at Red Gate Rd. / SCN HS - River Ridge Dr. and an eastbound right turn lane along Red Gate Rd serving the SCN HS. This cost would be shared with District 303. The planned schedule is for the work to be completed prior to the commencement of the 2013-14 school year.

**Attachments:** *(please list)*

One copy of the street map and vicinity

**Recommendation / Suggested Action** *(briefly explain):*

No action is required. Staff is open to questions and feedback.

*For office use only:*

*Agenda Item Number: 5.k*

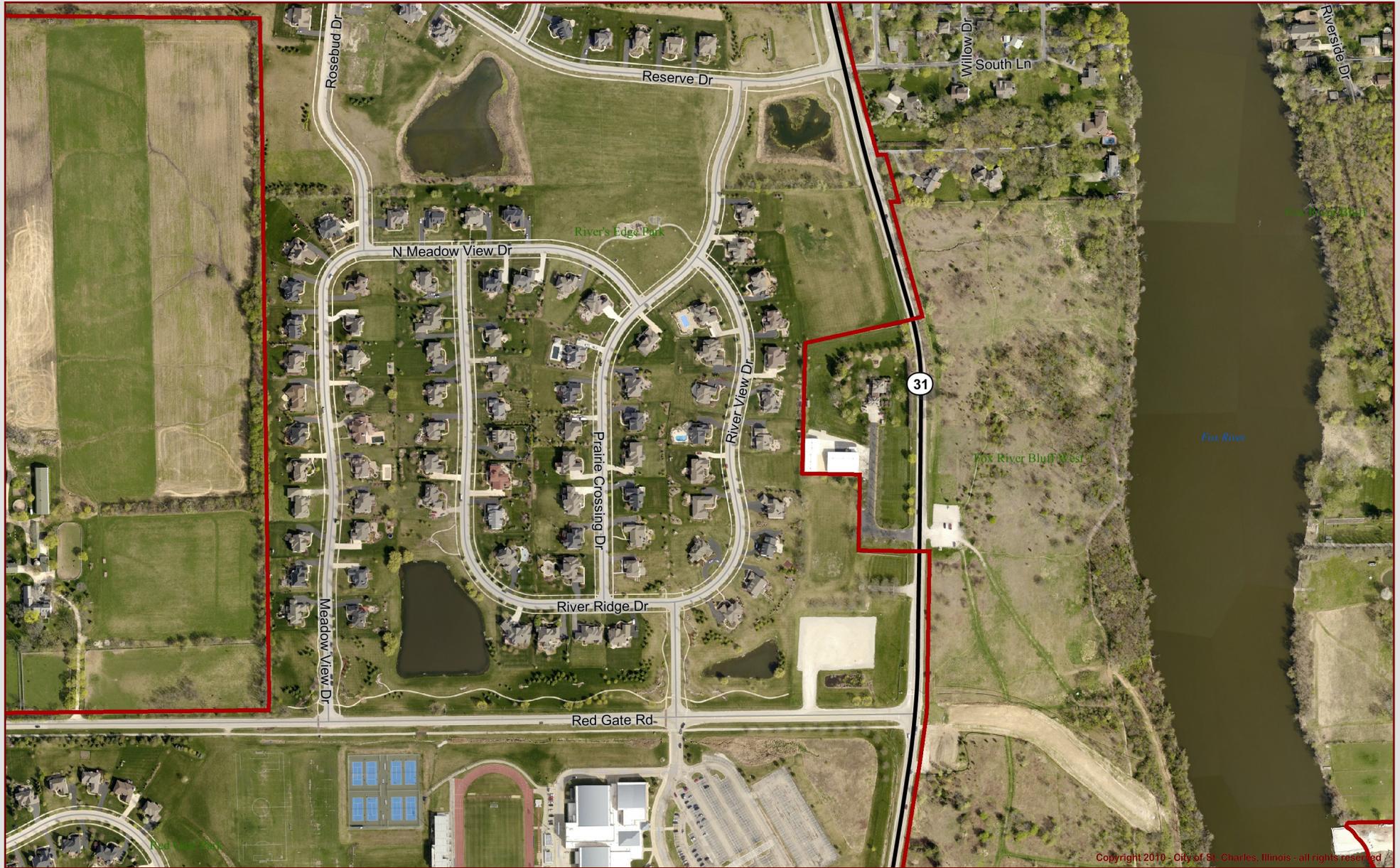


# City of St. Charles, Illinois

Two East Main Street St. Charles, IL 60174-1984  
Phone: 630-377-4400 Fax: 630-377-4440 - www.stcharlesil.gov

## Precision GIS

DONALD P. DEWITTE *Mayor*  
BRIAN TOWNSEND *City Administrator*



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Data Source:  
City of St. Charles, Illinois  
Kane County, Illinois  
Dupage County, Illinois

Projection: Transverse Mercator  
Coordinate System: Illinois State Plane East  
North American Datum 1983

Printed on November 12, 2012 12:58 PM CST



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