

**AGENDA  
CITY OF ST. CHARLES, IL  
GOVERNMENT SERVICES COMMITTEE MEETING  
JAMES MARTIN, CHAIRMAN**

**MONDAY, AUGUST 25, 2014, 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.
- 4. POLICE DEPARTMENT**
  - a. Recommendation to approve Downtown St. Charles Partnership Request for Amplification and to Close 1<sup>st</sup> Street to Host Lighting of Lights in the 1<sup>st</sup> Street Plaza.
  - b. Recommendation to approve Amplification and a Resolution for the Closure of Routes 64 and 31 for the Holiday Homecoming Parade
- 5. FIRE DEPARTMENT**
  - a. Recommendation to approve the Sale of the 1987 Airboat to the Limestone Township Fire Department.
- 6. PUBLIC WORKS DEPARTMENT**
  - a. Recommendation to approve 7<sup>th</sup> Avenue and North Tributary Creek Concept Phase.
  - b. Recommendation to approve Memorandum of Understanding between the Illinois Department of Natural Resources and the City of St. Charles for the 7<sup>th</sup> Avenue Creek Tributary Floodplain.
  - c. Presentation of the Standing Ash Tree Update.
  - d. Recommendation to approve Memorandum of Understanding between the City of St. Charles and the Village of Campton Hills for the Campton Hills Road Asphalt Overlay Project.

- e. Recommendation to approve Purchase Order with Cummins NPower, LLC for City Generator Maintenance Services.
- f. Recommendation to approve a Budget Addition for Electric Utility Work Related to New Cell Tower East of 300 N. Randall Road.

**7. ADDITIONAL BUSINESS**

**8. EXECUTIVE SESSION**

- Personnel
- Pending Litigation
- Probable or Imminent Litigation
- Property Acquisition
- Collective Bargaining

**9. ADJOURNMENT**



ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title: Electric Reliability Report – Information Only

Presenter: Tom Bruhl

*Please check appropriate box:*

<input checked="" type="checkbox"/>	Government Operations	X	Government Services 08.25.14
<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:

For information only.

### Attachments: *(please list)*

July 2014 Outage Report.

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

For information only.

*For office use only:*

*Agenda Item Number: 3.a*

**City of St. Charles  
July 2014 Outages**

OUTAGE No.	DATE	TIME OFF	TIME ON (Min)	AREA AFFECTED	CIRCUIT No.	CAUSE	NO. OF CUST.	OUTAGE MINUTES	MAJOR CATEGORY	SUB CATEGORY
1	7/2/2014	1:30 PM	60	1707 Jeanette Ave.	311	Underground service cable failure.	1	60	Equipment	Service
2	7/7/2014	1:03 AM	0	NE Quad.	L7962	ComEd line lost. Confirmed lightning hit. ComEd patrolled fault zone. No clear location identified.	2674	0	ComEd	L7962
3	7/7/2014	3:40 PM	60	1232 Ronzheimer Ave.	311	Connection burned in two at the house.	1	60	Equipment	Connector
4	7/9/2014	2:30 PM	60	900 Block of Fern Ave.	311	1/2 power due to bad connections.	5	300	Equipment	Connector
5	7/12/2014	11:39 AM	0	NE & SW Quad's	13150	ComEd line lost. ComEd confirmed tree contact with underbuilt 12kV circuit caused flash. No damage to L13150.	2880	0	ComEd	L13150
6	7/12/2014	11:11 PM	0	Stone Dr. from Production to Tyler	514	Lightning. Caused flash in transformer at Hunt Club Village. Momentary.	294	0	Weather	Lightning
6	7/12/2014	11:11 PM	0	State St. from the river to 7th St.	315	Lightning. Caused flash in transformer at Hunt Club Village. Momentary.	115	0	Weather	Lightning
6	7/12/2014	11:11 PM	0	Main St. from Tyler to 9th Ave. S. Tyler from Main St. to Munhall	316	Lightning. Caused flash in transformer at Hunt Club Village. Momentary.	550	0	Weather	Lightning
6	7/12/2014	11:11 PM	134	200 Hunt Club Dr.	316	Lightning caused flash in transformer. Isolated, cleaned, and temporarily re-energized. Need scheduled outage to replace transformer.	50	6,700	Weather	Lightning
6	7/13/2014	11:11 PM	128	Businesses on N. side of Main St. from Hunt Club to Tyler Rd.	316	Lightning caused flash in transformer. Isolated all other customers on 316 from bad transformer.	14	1,792	Weather	Lightning
7	7/13/2014	1:04 PM	65	Fox Glen Dr. & Fox Glen Ct.	314	Faulted underground primary cable caused by fence post.	10	650	Others	Dig In
8	7/13/2014	1:04 PM	111	612, 621 & 629 Fox Glen Dr.	314	Faulted underground primary cable caused by fence post.	3	333	Others	Dig In
9	7/13/2014	1:04 PM	338	605 Fox Glen Dr.	314	Secondary main failure caused by fence post. Placed secondary on the ground for temp feed.	1	338	Others	Dig In





ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title:	Recommendation to Approve Downtown St. Charles Partnership Request for Amplification and to Close 1 <sup>st</sup> Street to Host Lighting of Lights in the 1 <sup>st</sup> Street Plaza
Presenter:	Chief Keegan

*Please check appropriate box:*

	Government Operations	X	Government Services 8.25.14
	Planning & Development		City Council
	Public Hearing		

Estimated Cost:	PW:\$10,526.78	Budgeted:	YES	X	NO	
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If NO, please explain how item will be funded:

**Executive Summary:**

The Downtown St. Charles Partnership is requesting to hold the Lighting of the Lights event on Friday, November 28, 2014 at the 1<sup>st</sup> Street Plaza again this year. The request includes the following:

- Closure of 1<sup>st</sup> Street from Main St. to the entrance of the parking deck from 3:30 – 7:30 p.m.
- Use of amplification/loudspeaker system

Again this year, the sponsor would like to provide a holiday tree sales booth on the northeast corner of 1<sup>st</sup> Street – the pad where The Manor used to be. Approval of this request would allow Swan’s Tree Sales to set up for the event and sell trees through the holiday season.

Barricades already reserved for the parade on Saturday can be utilized for the closure and will not add additional costs for their use. Any electric power used for the tree sales shall be metered and billed to the vendor.

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

Diagram of the event

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

Recommendation to approve the Downtown St. Charles Partnership request for amplification and to close 1<sup>st</sup> Street to host the Lighting of Lights event in the 1<sup>st</sup> Street Plaza.

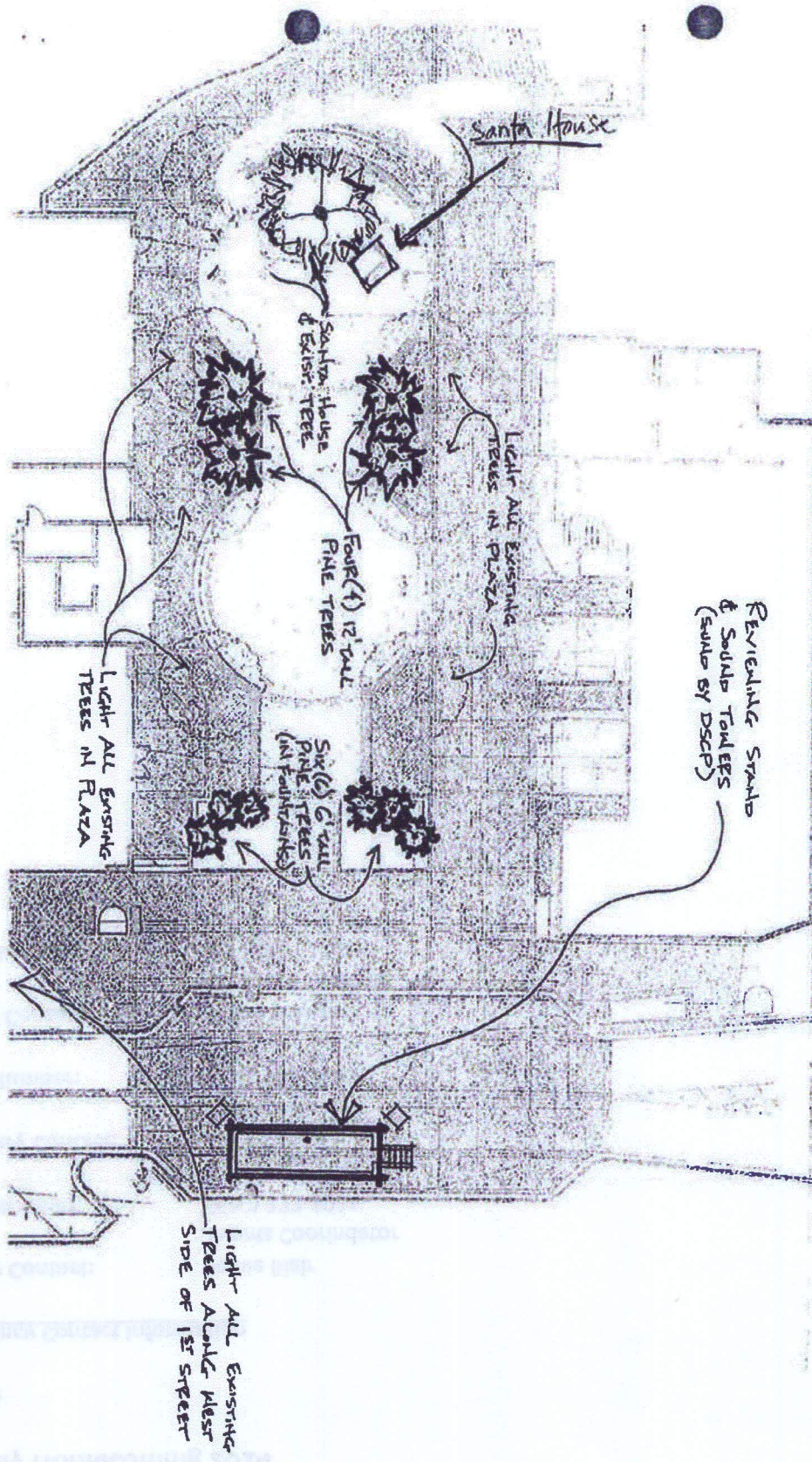
<i>For office use only:</i>	<i>Agenda Item Number: 4.a</i>
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# Proposed 1st St. Plaza Lighting Plan

REVERSED 21 SEP 2011 4/22/12

8/19/13  
8/5/14



Santa House

Santa House & EXIST. TREE

Light All Existing TREES IN PLAZA

Four (4) 12' tall PALE TREES

Six (6) 6' tall PALE TREES (IN FOUNDATIONS)

Light All Existing TREES IN PLAZA

Reverting Strada & South TOWERS (SUDO BY DSCP)

Light All Existing TREES Along West SIDE OF 1st STREET



ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

**Title:** Recommendation to Approve Amplification and a Resolution for the Closure of IL Routes 64 and 31 for the Holiday Homecoming Parade

**Presenter:** Chief Keegan

*Please check appropriate box:*

<input checked="" type="checkbox"/>	Government Operations	X	Government Services 8.25.14
<input type="checkbox"/>	Planning & Development		City Council
<input type="checkbox"/>	Public Hearing		

Estimated Cost:	Police:\$3,756.48	Budgeted:	YES	X	NO	
	EMA: \$420.00					
	PW:\$11,054.48					
	<b>Total:\$15,230.96</b>					

If NO, please explain how item will be funded:

**Executive Summary:**

This Special Event application was received on July 30, 2014.

Closure of state roadways requires formal approval from the Illinois Department of Transportation. The Downtown Partnership is requesting Committee and Council approval of a resolution that will be submitted to IDOT for the closure of IL Routes 64 and 31 from 5:00 – 8:30 p.m. on Saturday, November 29, 2014 for the annual Holiday Homecoming parade.

In addition, approval of amplification for this event is needed from the Committee.

The Downtown Partnership is a not-for-profit requesting financial assistance under the City special events policy.

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

Resolution

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

Recommendation to approve amplification and a Resolution for the closure of IL Routes 64 and 31 for the Holiday Homecoming Parade.

*For office use only:*

*Agenda Item Number: 4.b*



**City of St. Charles, Illinois**  
**Resolution No. \_\_\_\_\_**

**A Resolution Requesting the Closure of Routes 64 and 31 for the  
Holiday Homecoming – Electric Christmas Parade**

**Presented & Passed by the  
City Council on \_\_\_\_\_**

WHEREAS, the Downtown St. Charles Partnership is sponsoring an Electric Christmas Parade in the City of St. Charles, and;

WHEREAS, this Parade will require the temporary closure of Main Street (Route 64) and Second Street (Route 31) state highways in the City of St. Charles, and;

WHEREAS, Section 4-408 of the Illinois Highway Code authorizes the Department of Transportation to issue permits to local authorities to temporarily close portions of state highways for such public purposes or needs as parades and local celebrations;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of St. Charles, Kane and DuPage Counties, Illinois, that permission to close Main Street (Route 64) and Second Street (Route 31) on Saturday, November 29, 2014 from 5 p.m. to 8:30 p.m. be requested of the Department of Transportation;

BE IT FURTHER RESOLVED that if such permission is granted by the Department of Transportation, all highway traffic during the periods of time specified shall be detoured over the following routes:

For westbound on Route 64: south on 5th Avenue (Route 25) to Illinois Avenue, west to 7th Street, north to Route 64. For southbound on Route 31: west on State Street from Route 31 to 7th Street, south on 7th Street to Illinois Street, east on Illinois Street to Route 31. For eastbound Route 64 and northbound Route 31, use the reverse route.

BE IT FURTHER RESOLVED that if such permission is granted by the Department of Transportation, the City of St. Charles assumes full responsibility for the direction, protection and regulation of the traffic during the time the detour is in effect, and all liabilities for damages of any kind occasioned by the closing of the state highway, and it is further agreed that efficient all-weather detours will be maintained to the satisfaction of the Department and conspicuously marked for the benefit of traffic diverted from the state highway.

BE IT FURTHER RESOLVED that a copy of this resolution be forwarded to the Department of Transportation to serve as a formal request for the permission sought in this resolution.

Resolution No. \_\_\_\_\_

Page 2

PRESENTED to the City Council of the City of St. Charles, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_ 2014.

PASSED by the City Council of the City of St. Charles, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_ 2014.

APPROVED by the Mayor of the City of St. Charles, Illinois, this \_\_\_\_\_ day of \_\_\_\_\_ 2014.

\_\_\_\_\_  
Raymond P. Rogina, Mayor

ATTEST:

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

COUNCIL VOTE:

Ayes:

Nays:

Absent:

Abstain:



ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title: Recommendation to Approve the Sale of the 1987 Airboat to the Limestone Township Fire Department

Presenter: Fire Chief Joseph Schelstreet

*Please check appropriate box:*

	Government Operations	X	Government Services 08.25.14
	Planning & Development		City Council

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

**Executive Summary:**

The Fire Department recently replaced a 27 year old multi-function airboat that was utilized successfully for water rescue and recovery operations. The boat was originally purchased for \$1 from the Kane County Emergency Management Agency. The Fire Department maintained the boat and housed it at Fire Station #3 until its replacement when it was moved to the Campton Hills Water Tower. The City of St. Charles has an established precedent of either donating or selling equipment and apparatus to other governmental agencies who have the need for the asset however, do not have the resources to pay for a new unit. The Limestone Township Fire Protection District, near Kankakee, has offered to purchase the airboat for \$2,000. This amount is within the range of values given when the replacement airboat was purchased. The Fire Department no longer has a need for the 1987 Airboat and believes that the sale of it to the Limestone Township Fire Department will enable them to improve their level of service on the Kankakee River and will support the practices of inter-agency assistance and cooperation.


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

None.

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

Recommendation to approve the declaration of the 1987 Airboat as surplus and its sale to the Limestone Township Fire Department for \$2000.

*For office use only:*      *Agenda Item Number: 5.a*

 <b>ST. CHARLES</b> <small>SINCE 1834</small>		<b>AGENDA ITEM EXECUTIVE SUMMARY</b>						
		Title:	Recommendation to Award Contract to HR Green, Inc. for Professional Engineering Services for the 7 <sup>th</sup> Avenue Creek Stream Bank Stabilization Project					
		Presenter:	Peter Suhr					
<i>Please check appropriate box:</i>								
	Government Operations		X	Government Services – 08.25.14				
	Planning & Development			City Council				
	Public Hearing							
Estimated Cost:	\$155,155	Budgeted:	YES	X	NO			
If NO, please explain how item will be funded:								
<b>Executive Summary:</b>								
<p>City Staff prepared a Request for Qualification (RFQ) from qualified firms to provide professional engineering services for the gathering of both public and city staff comments for the preparation of a conceptual design for the rehabilitation of the 7<sup>th</sup> Avenue Creek and Northern Tributary Creek areas. After the 100-year rainfall event in September of 2008, the City noted that flooding limits far exceeded those illustrated on the current flood insurance maps. At that time, the City realized the need to extend the flood insurance study for the 7<sup>th</sup> Avenue Creek to verify the flood data. Over the past few years, the City has been working with the Federal Emergency Management Agency (FEMA) to develop the new flood insurance data and is currently in the final approval process with the Illinois Department of Natural Resources (IDNR). During that time, staff also realized the need to hire a professional consultant to help develop concepts for depicting structural and aesthetic improvements along the creek from Tyler Road to the Fox River based on the new data received by FEMA.</p> <p>City Staff received RFQ's from five (5) separate qualified professional engineering firms. City Staff assembled a team to review each proposal and interviewed the top three (3) firms. HR Green, Inc. assembled a superior team including partnership with Houseal Lavivigne for emphasis on public outreach and Inter-Fluve, who has vast experience with stream naturalization and stabilization. HR Green has extensive project management experience, a vast resume of similar projects and a good track record of securing grant funding.</p>								
<b>Attachments:</b> <i>(please list)</i>								
None								
<b>Recommendation / Suggested Action</b> <i>(briefly explain):</i>								
Recommendation to award the Contract for Professional Engineering Services for the 7 <sup>th</sup> Avenue Creek Stream Bank Stabilization Project to HR Green, Inc.								
<i>For office use only:</i>		<i>Agenda Item Number: 6.a</i>						



ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title:	Recommendation to Approve Memorandum of Understanding between Illinois Department of Natural Resources and the City of St. Charles for the 7 <sup>th</sup> Avenue Creek Tributary Floodplain
Presenter:	Peter Suhr

*Please check appropriate box:*

	Government Operations	X	Government Services – 08.25.14
	Planning & Development		City Council
	Public Hearing		

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

**Executive Summary:**

The technical review of the new flood insurance study for 7<sup>th</sup> Avenue Creek and Tributary was completed by the Illinois Department of Natural Resources (IDNR) in March. This has gotten us a step closer to FEMA having their mapping contractor prepare the new Flood Insurance Rate Maps (FIRM's) for this corridor. The Memorandum of Understanding (MOU) - Conveyance Floodway Agreement we are seeking approval of will allow the new FIRM's to depict a narrower floodway path, specifically from Tyler Road to Indiana Avenue. Once this agreement is approved by the City and signed by the Director of the IDNR, FEMA will receive the green light to produce the new FIRM's. It should be noted that the new FIRM's will not become effective until after the mandatory public review process. The attached exhibit illustrates the differences between the two floodway definitions. The design criteria set forth in the MOU is essentially what we currently use to develop within the floodway / floodplain since we have adopted the Kane County storm water ordinance.

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

Memorandum of Understanding – Conveyance Floodway Agreement  
 7<sup>th</sup> Avenue Creek Timeline – September 2008 to present  
 Excerpts from State of Illinois Floodway Regulations

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

Recommendation to approve the Memorandum of Understanding – Conveyance Floodway Agreement between the City of St. Charles and the Illinois Department of Natural Resources, for 7<sup>th</sup> Avenue Creek and 7<sup>th</sup> Avenue Creek Tributary.

<i>For office use only:</i>	<i>Agenda Item Number: 6.b</i>
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**MEMORANDUM OF UNDERSTANDING**  
**between the**  
**ILLINOIS DEPARTMENT OF NATURAL RESOURCES**  
**and the**  
**City of St. Charles**

**OWR-310**

ALLOWING STORAGE TO BE ELIMINATED AS A FACTOR IN THE DELINEATION OF FLOODWAYS AS  
DEFINED IN THE DEPARTMENT'S FLOODWAY CONSTRUCTION RULES

**THIS MEMORANDUM OF UNDERSTANDING** is made between City of St. Charles, Kane County, Illinois, hereinafter referred to as the “**CITY**,” and the Department of Natural Resources, acting for and on behalf of the State of Illinois, hereinafter referred to as the “**DEPARTMENT**.”

This **MEMORANDUM OF UNDERSTANDING** may only be modified, assigned, supplemented, or amended by mutual agreement, in writing, by the principal parties hereto and may be terminated at any time at the discretion of the DEPARTMENT.

**Whereas**, the CITY and the DEPARTMENT are legal entities organized and existing under the laws of the State of Illinois, having among their powers the authority to contract with one another to perform such undertakings as described herein; and

**Whereas**, the DEPARTMENT has determined that the execution of this agreement is not subject to the signature requirements of the “State Finance Act,” 30 ILCS 105/9.02 (2004 State Bar Edition).

**Whereas**, both the DEPARTMENT and the CITY desire to protect the health, safety and welfare of the citizens of the CITY by regulating construction in the community's floodplains and floodways to prevent the construction of facilities which would either be subject to flood damage from flooding or would cause or contribute to increased flooding to other facilities or property; and

**Whereas**, the DEPARTMENT's rules for Floodway Construction in Northeastern Illinois (17 Illinois Administrative Code, Part 3708) require that the floodway be defined to preserve both storage and conveyance, as well as limit the increase in velocity; and

**Whereas**, the DEPARTMENT's rules for Floodway Construction in Northeastern Illinois (17 Illinois Administrative Code, Part 3708) also provide for the waiver of the flood storage component of the floodway definition when local communities agree to require effective compensatory storage for all floodplain storage lost due to construction and fill in a hydraulically significant reach of the watershed; and

**Whereas**, the CITY has floodplain regulations which meet or exceed the minimum requirements of both the National Flood Insurance Program and the DEPARTMENT, and which require that floodplain storage lost due to construction or fill be compensated on a one-to-one or greater ratio; and

**Whereas**, the DEPARTMENT has determined that the CITY has jurisdiction over a hydraulically significant portion of the floodplain(s) of 7<sup>th</sup> Avenue Creek and 7<sup>th</sup> Avenue Creek Tributary; and

**Whereas**, the CITY hereby agrees that it will not grant any variances to the floodplain storage mitigation requirement of their ordinance to less than 100% of the storage lost due to fill or construction; and

**Whereas**, the CITY hereby agrees that compensatory storage will be provided, at no cost to the DEPARTMENT, at the same flood frequency elevation band as the storage being removed, including, at least the elevation band between the normal water level and the 10-year flood and the elevation band between the 10-year flood and the 100-year flood; and

**Whereas**, the CITY hereby agrees to assure that compensatory storage areas are directly connected to the floodplain from which storage is lost at the elevations for which the compensatory storage area is designed to be effective and will assure that such compensatory storage will remain directly connected to the floodplain in perpetuity; and

**Whereas**, the CITY hereby agrees to require that legal assurances, such as properly recorded permanent easements, are provided in perpetuity for each compensatory storage area utilized; and

**Whereas**, the CITY hereby agrees to maintain eligibility in the National Flood Insurance Program and will continue to adopt and enforce appropriate ordinances to satisfy the Federal Emergency Management Agency's and the DEPARTMENT's requirements relative to the regulation of development in floodplains under the jurisdiction and control of the CITY; and

**Whereas**, the CITY will be responsible for updating any Flood Insurance Studies related to this Memorandum of Understanding; and

**Whereas**, the CITY hereby agrees to maintain adequate records and supporting documents of all 7<sup>th</sup> Avenue Creek and 7<sup>th</sup> Avenue Creek Tributary floodplain activities approved by the CITY, for a minimum of 5 years after approval by the CITY, to demonstrate that adequate storage was provided per the Memorandum. The CITY agrees to cooperate fully with any audit conducted by the Auditor General and/or the DEPARTMENT and to provide all relevant materials; and

**Whereas**, the CITY hereby acknowledges that violation of any of the terms of this MOU will void this MOU and the DEPARTMENT and the CITY will revert to regulating a storage based floodway as the DEPARTMENT determines to be appropriate at the time.

**Now therefore**, the DEPARTMENT and the CITY agree as follows:

1. For regulatory purposes, the floodway shall be defined on map entitled: "Effective FIRM Comparison," Sheets 1 through 3 of 3, undated, included in the "Engineering Report, Lower Fox River Watershed – 7<sup>th</sup> Avenue Creek and its Tributary," dated August 17, 2012, revised July 2, 2013, received September 13, 2013. If, in the future, this agreement is violated or otherwise voided, the CITY and the DEPARTMENT agree to revert to regulating the floodway as defined in accordance with the DEPARTMENT's rules for floodway construction in Northeastern Illinois (17 Illinois Administrative Code, Part 3708), using map sheets 17089C0266H, 17089C0268H, and 17089C0270H of the Federal Emergency Management Agency Flood Insurance Rate Map Panels for Kane County Unincorporated and Incorporated Areas, dated August 3, 2009, or such replacement mapping as the DEPARTMENT determines to be appropriate at the time.
2. If FEMA or the DEPARTMENT regulatory maps are updated or revised for 7<sup>th</sup> Avenue Creek and 7<sup>th</sup> Avenue Creek Tributary within the City of St. Charles, subsequent to the effective date of this agreement, then the revised floodplain and floodway map will become the new standard to be used for regulatory purposes. At that time, the CITY will be given opportunity to revise the floodway delineations without the storage component, subject to review and approval by the DEPARTMENT.

### **Community Commitment**

I hereby agree to all the guidelines and requirements of this agreement and the 17 Illinois Administrative Code, Part 3708. As a representative of this community, I realize the importance of preserving floodplain storage. This agreement is entered into in good faith as a means to reduce undue hardship on community property owners located within the floodway. I will work with the DEPARTMENT on any special projects that may require extraordinary design measures not considered in this agreement.

### **Effective Date**

This Memorandum of Understanding takes effect when it is dated and executed by the Director of the DEPARTMENT.



**STATE OF ILLINOIS**

**RECOMMENDED:**

**APPROVED:**

\_\_\_\_\_  
Arlan Juhl, Director  
Office of Water Resources

\_\_\_\_\_  
Marc Miller, Director  
Department of Natural Resources

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

**APPROVED:**

\_\_\_\_\_  
Jeffrey P. Smith  
Chief Legal Counsel  
Date: \_\_\_\_\_

**THE CITY OF ST. CHARLES**

**APPROVED:**

\_\_\_\_\_  
Raymond Rogina, Mayor

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

**Seventh Avenue Creek FIS Timeline:  
July 10, 2014**

September 2008

100 year rain event, serious flooding along 7<sup>th</sup> Avenue Creek at convergence of 7<sup>th</sup> Avenue Creek Tributary and across Tyler Road at old redi-mix plant.

Spring / Summer 2009

New flood insurance study (FIS) between Tyler and Kirk Roads to delineate floodplain east of Tyler and to verify 100 year flow at Tyler Road culvert crossing. New data indicates the 100 year flow for the current FIS is not correct. Current study = 226 CFS. New study = 405 CFS.

December 2009

New flood insurance study between Tyler and Kirk Roads approved by IDNR.

September 2010

New restrictor structure installed at northwest corner of CMD storm water detention area.

December 2010

City acquires vacant parcel along 7<sup>th</sup> Avenue Creek at the southeast corner of 7<sup>th</sup> and South Avenues.

Spring / Summer 2011

Field survey work from Fox River to Tyler Road and tributary by FEMA subcontractor

May 2012

Received draft work maps for updated flood insurance study from Fox River to Tyler Road and Tributary

August 2012

Flood insurance study engineering report for Tyler Road to Fox River, and tributary.  
City acquires home in floodplain at 807 Illinois Avenue, structure demolished in November.

September 2012

City acquires Outlot "A" in Tyler Production Subdivision, future drainage channel

April 2013

Flood event along 7<sup>th</sup> Avenue Creek  
Storage vs. conveyance floodway exhibits received from FEMA

July 2013

Flood insurance study engineering report for Tyler to Fox River and Tributary, revision

October 2013

Community Assessment Visit from IDNR, to establish eligibility for a floodway conveyance only map update and agreement  
Tyler Road culvert crossing and drainage channel work

November 2013

Received documentation from IDNR regarding Conveyance Floodway Agreement  
IDNR public review notice

March 2014

IDNR technical review of flood insurance study complete

June 2014

City acquires vacant parcel along 7<sup>th</sup> Avenue Creek at 7<sup>th</sup> and Ohio Avenues

Received Memorandum of Understanding - Conveyance Floodway Agreement for 7<sup>th</sup> Avenue Creek from IDNR, needs approval from City Council

## **Excerpts from State of Illinois Floodway Regulations**

### **Illinois Floodplain Management Desk Reference – 2006**

#### **11.3 Northeastern Illinois**

There are some special requirements for floodway construction in northeastern Illinois. These were implemented following the severe flooding in the area in 1986 and 1987

##### **Section 11.3.3 Compensatory Storage**

The NFIP floodway standard in CFR 60.3(d) restricts new development from obstructing the flow of water and increasing flood heights. However, this provision does not address the need to maintain flood storage.

Especially in flat areas, the floodplain provides a valuable function by storing floodwaters. When fill or buildings are placed in the flood fringe, the flood storage areas are lost and flood heights will go up because there is less room for the floodwaters. This is particularly important in smaller watersheds which respond sooner to changes in topography.

For this reason, IDNR/OWR requires compensatory storage in an northeastern Illinois regulatory floodway if storage will be lost from fill or structures (including flood control projects) placed in the floodway. The developer is required to offset new fill put in the floodplain by excavating an additional floodable area to replace the lost flood storage area.

##### **Section 13.5.2 Compensatory Storage**

As discussed in Section 11.3.3, the floodplain provides a valuable function by storing floodwater, especially in flat areas. When fill or buildings are placed in the fringe, the flood storage areas are lost and flood heights increase because there is less room for the floodwaters.

Compensatory storage in the flood fringe is not mandatory. However, IDNR/OWR and the Northeastern Illinois Planning commission highly recommend compensatory storage with a safety factor equal to at least 1.5 times the volume of storage lost to compensate for uncertainties in the estimate of the BFE and in the determination of project impacts. If a community does not include compensatory storage within the flood fringe, IDNR/OWR requires that all future mapping will have storage floodways rather than floodways based on conveyance only.

### **Illinois Administrative Code**

#### **Section 3708.60 Delineation of the Regulatory Floodway**

d) The need to preserve storage when defining the regulatory floodway will be waived by the Department if all the municipalities and counties along a hydraulically significant portion of the watershed require effective compensatory storage for all construction and fill in the 100-year frequency flood plain. Effective compensatory storage requires flood plain storage volumes be replaced at the same flood frequency event as previously existed. Additionally, legal assurances such as easements must be provided so that the compensatory storage site will remain open to the stream system in order to allow flood waters to reach it.







STORAGE FLOODWAY NOT SHOWN FOR 7TH AVENUE CREEK TRIBUTARY

**Map Legend**

**DRAFT**

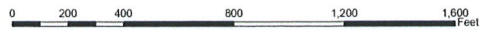
-  STREAM CENTERLINE
-  "CONVEYANCE ONLY FLOODWAY" (CURRENT STUDY)
-  REVISED "STORAGE FLOODWAY" (CURRENT STUDY)
-  EFFECTIVE FLOODWAY

**7th Avenue Creek  
Kane County, IL  
Draft Floodway Comparison Workmap**

**DRAFT**

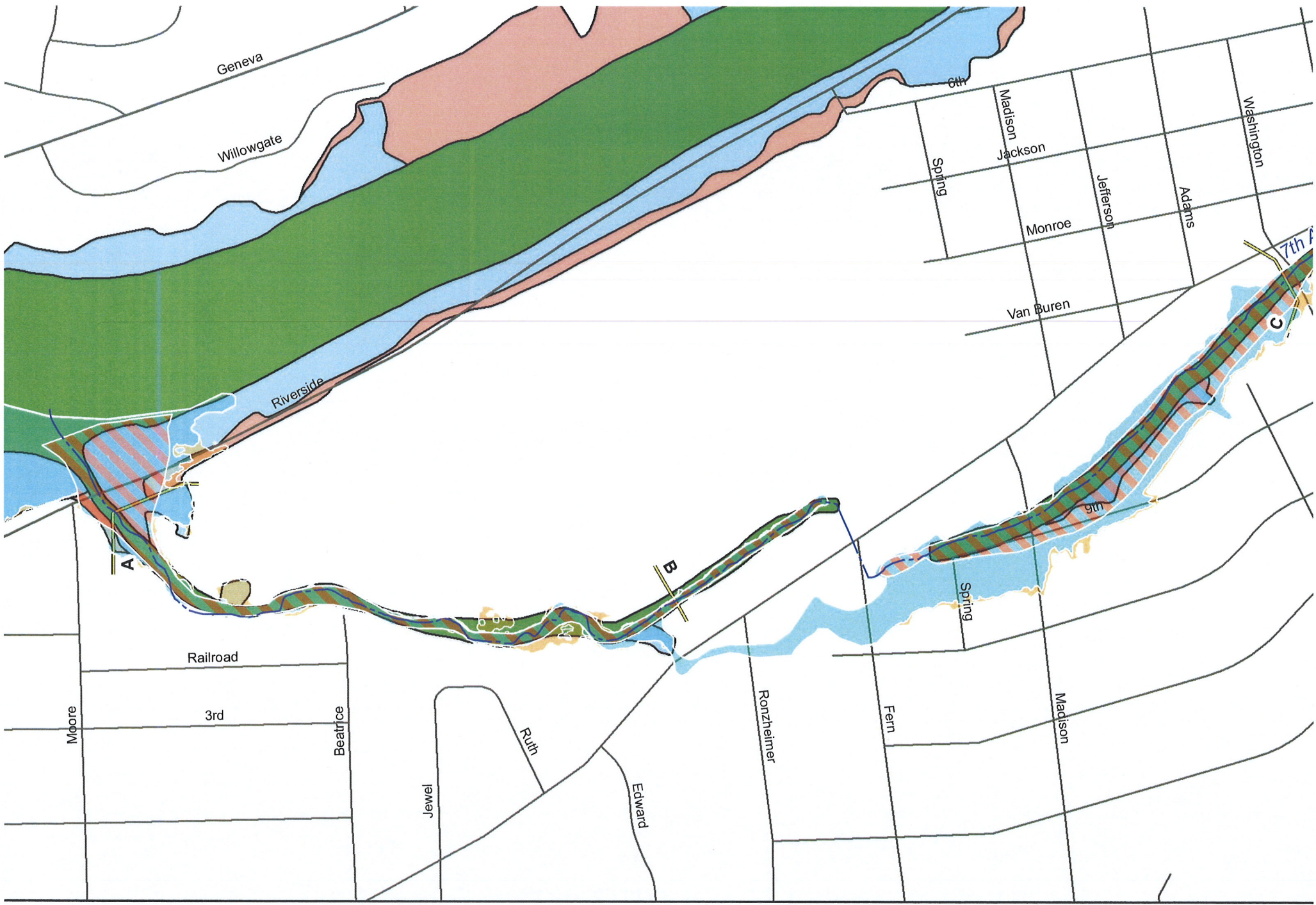
Date: 4/5/2013

1:2,400  
1 in = 200 ft



\*Note: For clarity, past floodways are depicted here. Comparison of other flood recurrence intervals are included with the Engineering Report for 7th Avenue Creek.













ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title: Presentation of the Standing Ash Tree Update

Presenter: Chris Adesso

*Please check appropriate box:*

<input checked="" type="checkbox"/>	Government Operations	X	Government Services 08.25.2014
<input type="checkbox"/>	Planning & Development		City Council
<input type="checkbox"/>	Public Hearing		

Estimated Cost:	\$64,000.00	Budgeted:	YES	X	NO
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If NO, please explain how item will be funded:

### Executive Summary:

This is an update on the remaining 326 standing Ash trees located in city owned rights of way (ROW). A spring inventory of the trees was completed and the trees were ranked into four (4) categories based on the tree's observed condition. After analyzing the data from the inventory, it was apparent that 181 of the 326 remaining trees need to be removed.

Staff has budgeted for the removal of these 181 trees and the trees will be removed by Skyline Tree Services who is currently under contract with the city for this type of work. Skyline's Three Year Contract was approved in 2012 and project costs are budgeted.

### Attachments: *(please list)*

None.

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

For information only.

*For office use only:*

*Agenda Item Number: 6.c*



ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title:	Recommendation to Approve Memorandum of Understanding between the City of St. Charles and the Village of Campton Hills for the Campton Hills Road Asphalt Overlay Project
Presenter:	Chris Adesso

*Please check appropriate box:*

	Government Operations	<input checked="" type="checkbox"/>	Government Services 08.25.2014
	Planning & Development		City Council
	Public Hearing		

Estimated Cost:	\$35,000	Budgeted:	YES	<input checked="" type="checkbox"/>	NO	
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If NO, please explain how item will be funded:

**Executive Summary:**

The City of St. Charles and the Village of Campton Hills have come to an understanding that a portion of Campton Hills Road, under the jurisdiction of the City of St. Charles is scheduled to be reconstructed through an asphalt grind and overlay project. The Memorandum of Understanding document formalizes an agreement between the Village of Campton Hills and the City of St. Charles to construct the proposed project.

Funding for this project was previously approved by City Council on August 4, 2014.

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

Memorandum of Understanding between the City of St. Charles and the Village of Campton Hills Map

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

Recommendation to Approve Memorandum of Understanding between the City of St. Charles and the Village of Campton Hills for the Campton Hills Road Asphalt Overlay Project.

*For office use only:*

*Agenda Item Number: 6.d*

## **EXHIBIT A**

### **Memorandum of Understanding Campton Hills Road Resurfacing Project**

WHEREAS, pursuant to certain agreements between the Village of Campton Hills (the “Village”) and the Campton Township Highway District (the “District”), the District maintains Village roads; and

WHEREAS, the Village and the District entered into an agreement specifically related to the Campton Hills Road Resurfacing Project; and

WHEREAS, the Village and the District subsequently discovered that 973 feet of the total 7,740 feet included in the Campton Hills Road Resurfacing Project was under the jurisdiction of the City of St. Charles.

NOW THEREFORE, it is hereby agreed, that the City of St. Charles shall reimburse the Village of Campton Hills for that portion of the Campton Hills Road Resurfacing Project being within the City of St. Charles which extends from the Village of Campton Hills/City of St. Charles line east to the end of the improvement totaling 973 feet (see attached Exhibit 1). Reimbursement shall be for 12.57% of the total engineering and construction costs, not otherwise reimbursed by Federal STP funding, in an amount not to exceed \$22,318.62 as itemized below plus any additional patching costs above and beyond \$22,318.62 for that portion of the road.

Expenditure	Total 7,740'	Federal Portion	Campton Township Highway District Portion 6,790'	City of St. Charles Portion 950'
Phase II Engineering	\$35,553.00	\$0.00	\$31,189.26	\$4,469.39
Construction	\$508,985.03	\$381,738.77	\$111,250.05	\$15,996.20
Phase III Engineering	\$58,961.85	\$44,221.39	\$12,887.43	\$1,853.03
<b>Total</b>	<b>\$603,499.88</b>	<b>\$425,960.16</b>	<b>\$155,326.74</b>	<b>\$22,318.62</b>

The City of St. Charles agrees to make payment to the Village within 30-days of being invoiced.

Dated: \_\_\_\_\_

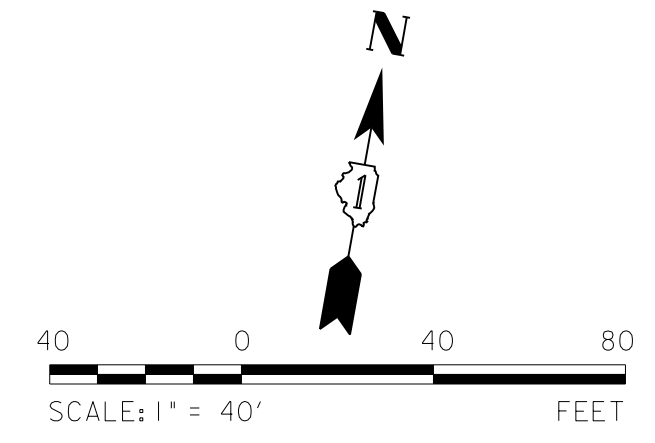
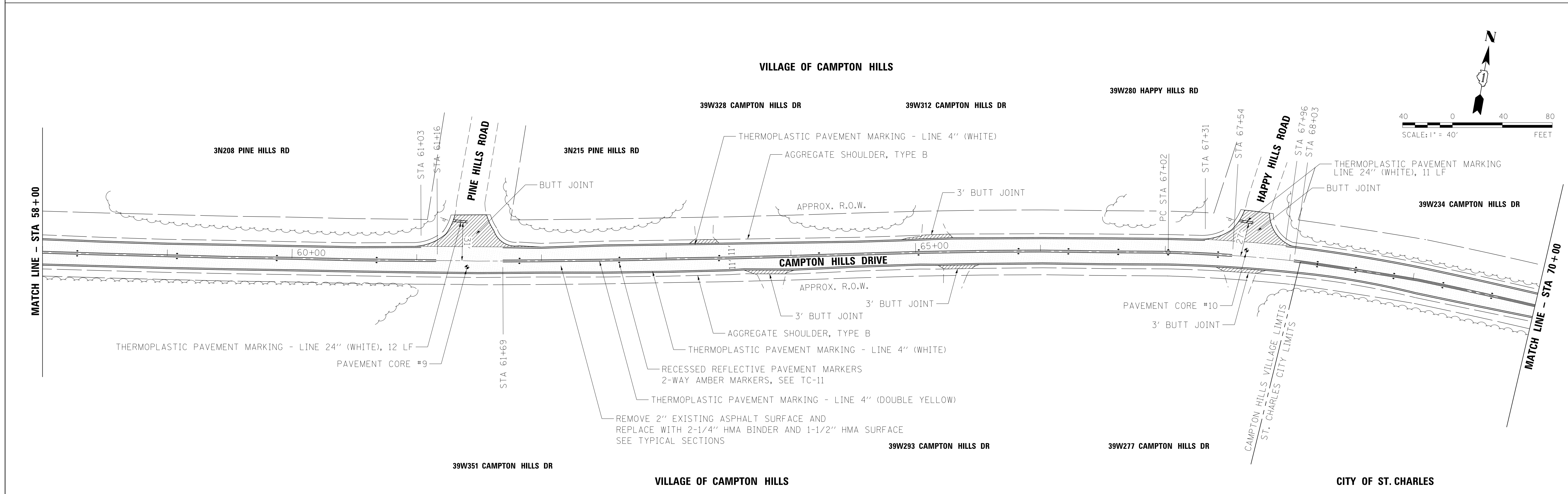
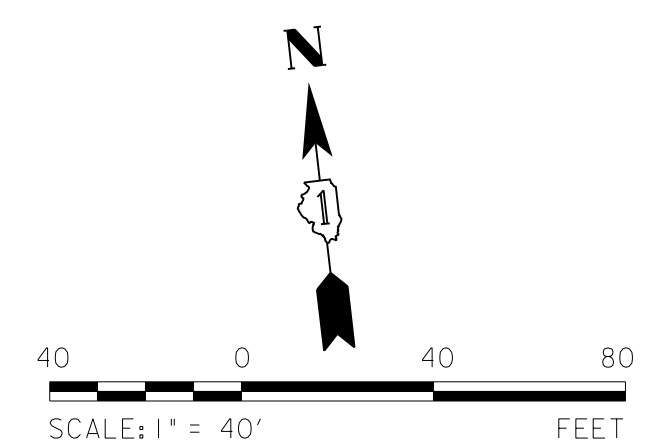
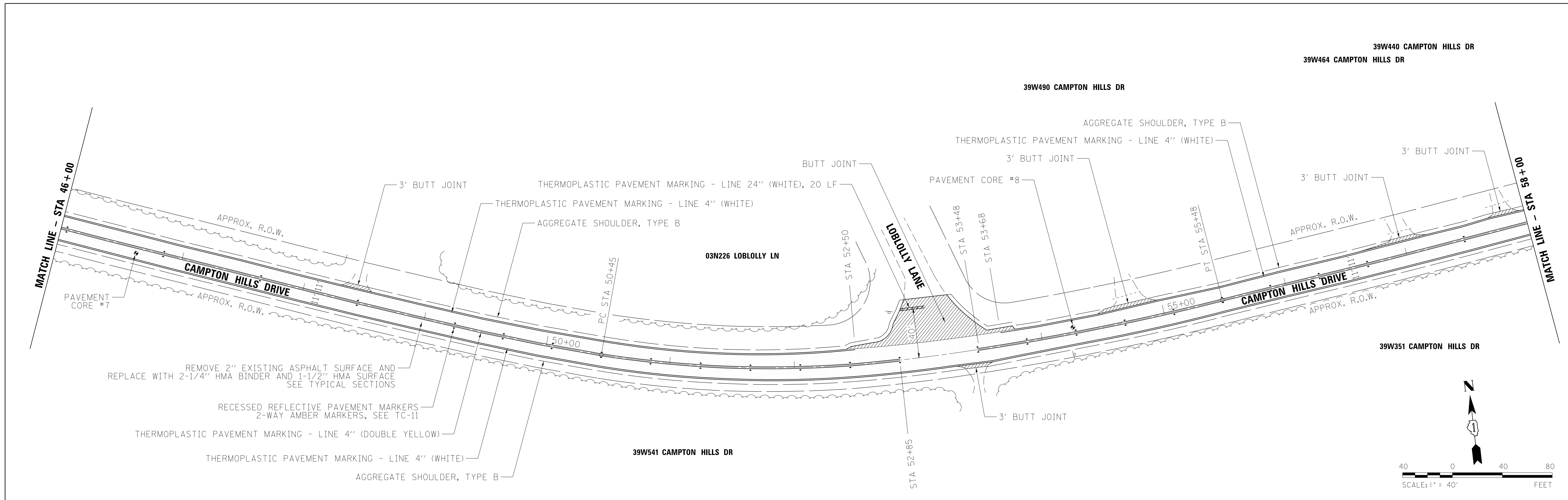
\_\_\_\_\_  
 Village President  
 Village of Campton Hills

\_\_\_\_\_  
 Mayor  
 City of St. Charles

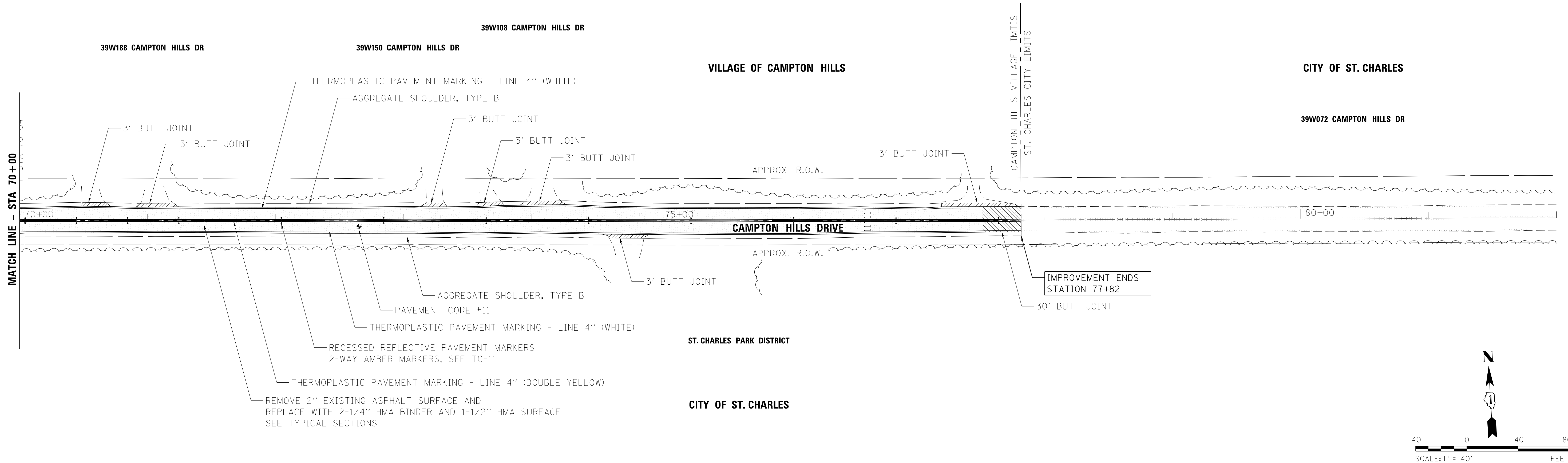
Attest:

\_\_\_\_\_  
 Village Clerk  
 Village of Campton Hills

\_\_\_\_\_  
 City Clerk  
 City of St. Charles



FILE NAME = 06.Plan.dgn	USER NAME = mdavison	DESIGNED - M. DAVISON	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RESURFACING AND PAVEMENT MARKING PLAN</b>	F.A.U. RTE. = 3889	SECTION = 13-00005-00-R5	COUNTY = KANE	TOTAL SHEETS = 13	SHEET NO. = 6
	PLOT SCALE = 40.0000' / in.	CHECKED - S. CIJESLICA	REVISED -			SCALE: 1"=40'	SHEET 6 OF 13 SHEETS	STA. 46+00 TO STA. 70+00	CONTRACT NO. 61A50	
Default	PLOT DATE = 4/10/2014	DATE = 01-24-14	REVISED -							



FILE NAME = 07.Plan.dgn Default	USER NAME = mdavison	DESIGNED - M. DAVISON	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>RESURFACING AND PAVEMENT MARKING PLAN</b>	F.A.U. RTE. = 3889	SECTION = 13-00005-00-R5	COUNTY = KANE	TOTAL SHEETS = 13	SHEET NO. = 7
	PLOT SCALE = 40.0000' / in.	CHECKED - S. CJESLICA	REVISED -			SCALE: 1"=40'	SHEET 7 OF 13 SHEETS	STA. 70+00 TO STA. 77+82	CONTRACT NO. 61A50	
	PLOT DATE = 4/10/2014	DATE - 01-24-14	REVISED -							





ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title:	Recommendation to Approve Purchase Order with Cummins NPower, LLC for City Generator Maintenance Services
Presenter:	Tom Bruhl

*Please check appropriate box:*

	Government Operations	<input checked="" type="checkbox"/>	Government Services 08.25.14
	Planning & Development		City Council
	Public Hearing		

Estimated Cost:	\$58,859.28	Budgeted:	YES	<input checked="" type="checkbox"/>	NO	
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If NO, please explain how item will be funded:

**Executive Summary:**

Purchasing went out for bids for a qualified firm to perform routine maintenance on the various standby generators throughout the City, and received five responses. Due to the nature of this highly technical service, quality and experience are highly evaluated components of the bid. Evaluation of the response from the apparent low bidder resulted in disqualification of their proposal based on failure to provide certifications for their technicians, less than adequate references, and pricing irregularities. The next lowest bidder, Cummins NPower, whose proposal was approximately \$5,600 more, provided a response that met critical criteria. The City has experience with this vendor from previous generator maintenance contracts. The bid and proposal were based on a three year agreement and Cummins NPower has offered favorable terms for a three year agreement. This critical service benefits from longer term agreements, where the vendor becomes familiar with our generators, our processes, and our procedures and we are requesting approval of a three year deal.

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

Bid Tab

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

Recommendation to approve three year contract and approve purchase order for Fiscal Year 2014/2015 to Cummins NPower in the amount of \$58,859.28.

<i>For office use only:</i>	<i>Agenda Item Number: 6.e</i>
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City of St. Charles  
Generator 2014 PM Proposals

August 8, 2014

Specification 140804 4-Aug-14 Shall Provide	Dreisilker 352 Roosevelt Road Glen Ellyn, IL 60137-5692  Keith Osmondson	Cummins NPower, LLC 7145 Santa Fe Drive Hodgkins, Il. 60525 708-579-9222 708-482-6455	Illini Power Products 444 Randy Road Carol Stream, Il. 60188  Chris M. Rizzo	Patten CAT 615 W. Lake Street Elmhurst, Il. 60126 630-279-4400 24 hour service	Steiner Electric Company Powertron Division <a href="http://www.steinerelectric.com">www.steinerelectric.com</a> 1250 Touhy Avenue Elk Grove Village, Il. 60007	INVITED TO BID BUT DID NOT PARTICIPATE IN MANDATORY JOBSITE WALKDOWN
Skilled Personnel 1.01	Unacceptable Response	"factory trained and certified"	trained and certified			<b>Dan Marr</b> Marr Electric 3320 Renard Lane St. Charles, IL 60175 Direct: 630.885.8872
References 1.02	Unacceptable Response	Plainfield - 13 gens Wescom 911 -2 gens Kelloggs Co - 3 gens	Village of Woodridge City of Naperville Kane County			
Mandatory Jobsite Walkdown 1.03	Keith Osmondson Bill True	Jeff Dudas	Jake Brown	Fraser Sample	Tom Zapp	
Response 4-hours 3.0	Respond to location within 2-hr	Response within 1-hr Dispatch within 4-hours	acceptable Response			<b>Pure Power</b> 611 Landwehr Rd. Northbrook, IL 60062 Steve Pichman
24/7 Telephone Support 3.0	acceptable Response	acceptable Response	acceptable Response			
Response Procedures 3.0	acceptable Response	Life safety ( hospitals, stock ) Emergency facilities	acceptable Response			
Inspection Template 3.0	To Be Provided	To Be Provided	Provided			<b>The Flolo Corporation</b> 501 Stevenson Dr. South Elgin, IL 60177
Load Bank Available 3.01	acceptable Response	acceptable Response	acceptable Response			
no additional travel costs 3.02	acceptable Response	Exception milage is charged every job	acceptable Response			<b>Inland Power Group</b> 210 Alexandra Way Carol Stream, Illinois 60188 Tel: 630.871.1111 Fax: 630.871.8997
wear and tear items 3.03	Exception unable to comply	Exception charged for replacement	Exception quoted for approval			
Labor Rate Straight 3.05	\$100.00	\$129.50	\$126.00	\$144.00	\$140.00	
Overtime 3.05	\$150.00	\$191.50	\$189.00	\$216.00	\$180.00	
Sunday/Hoilday Charges 3.05	\$200.00	\$231.00	\$289.00	\$288.00	\$240.00	
Individual Unit Pricing 4.09	Totaled \$48,615.00	Totaled \$58,859.28	Totaled \$61,470.17	Totaled \$72,750.00	Totaled \$51,560.00	
Replacement Part Guarantee 8.0	acceptable Response	Exception 90-day not 1-year	Exception 90-day not 1-year			
2014/2015 Fuel test charge	\$95.00 ea	not provided	\$170.00 ea	\$225.00	\$150.00	
2014/15 Coolant test charge	\$39.00 ea	not provided	\$65.00 ea	\$43.00	\$55.00	
	<b>\$53,229.00</b>	<b>\$58,859.28</b>	<b>\$61,740.17</b>	<b>\$72,750.00</b>	<b>\$73,800.00</b>	



ST. CHARLES  
SINCE 1834

## AGENDA ITEM EXECUTIVE SUMMARY

Title: Recommendation to Approve a Budget Addition for Electric Utility Work Related to New Cell Tower East of 300 N. Randall Road

Presenter: Tom Bruhl

*Please check appropriate box:*

<input checked="" type="checkbox"/>	Government Operations	X	Government Services 08.25.14
<input type="checkbox"/>	Planning & Development		City Council
<input type="checkbox"/>	Public Hearing		

Estimated Cost:	\$67,000	Budgeted:	YES	<input type="checkbox"/>	NO	X
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If NO, please explain how item will be funded:

Revenues from Developer

### **Executive Summary:**

The Electric work related to extending our distribution system to a location east of the bus parking lot was not budgeted in the FY 2015 budget as this was an emergent project. The project now appears certain. This is a reimbursable project and these funds will be offset 100% by revenue from the developer.

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

Budget Revision Form

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

Recommendation to approve a budget addition in the amount of \$67,000 for electric work related to providing service to a new cell tower east of 300 N Randall Road.

*For office use only:*

*Agenda Item Number: 6.f*

