

**PUBLIC WORKS, PUBLIC SAFETY,  
HOUSING AND COMMUNITY DEVELOPMENT AGENDA  
August 19, 2013 @ 5:00 p.m.  
City Hall Council Chambers  
1615 1<sup>st</sup> Avenue, South Sioux City, Nebraska**

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**Members: Dan Bousquet, Dennis Nelson, John Sanders, Jason Bowman**

**A current copy of the Open Meetings Act is posted on the north wall in the rear of the Council Chambers and is available for review by all citizens in attendance.**

*The City of South Sioux City reserves the right to adjust the order of items on this agenda if necessary and may elect to take action on any of the items listed.*

1. **PUBLIC WORKS – Dennis Nelson, Chairman**
  - a. Engineer’s Report [Hyperlink](#)
  
2. **PUBLIC SAFETY - John Sanders**
  - a. St Michaels request: Close Street for Fall Festival Starting Saturday night
  - b. Repair Colored Cross Walks
  - c. Accept low quote for engineering of 2<sup>nd</sup> Avenue extension to low bidder Olsson Associates for \$29,800. Scope of Services include: design, bidding documents, construction bidding and construction management.
  - d. Boy Scout/Cub Scout program question
  
3. **HOUSING AND COMMUNITY DEVELOPMENT – Jason Bowman**
  - a. Enrollment of Community in the 2013 Earth Hour City Challenge. [Hyperlink](#)
  - b. Ordinance Regulating Small Wind Turbines. [Hyperlink](#)
  - c. Repairs to Golf Road
  - d. Electric cars and charging stations
  
4. **MISCELLANEOUS/ UNFINISHED BUSINESS**
  - a. ATV/UTV Ordinance.
  - b. Parade Ordinance.
  - c. Wastewater Treatment Plant Update.
  - d. Recovery Update.
  
5. **PUBLIC COMMENT PERIOD**
  - i. Every citizen speaking at the meeting shall begin his or her remarks by stating his or her name and postal address.
  - ii. All citizens’ remarks shall be directed to the Chairperson, who shall determine by whom any appropriate response shall be made.
  - iii. Individuals wishing to address the Committee are asked to limit their comments to five minutes.

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**6. UPCOMMING EVENTS**

- i. **Public Works Meetings –Tues., Sept. 3, & Mon. Sept. 16, 2013 @ 5:00 p.m. in the City Hall Council Chambers**
- ii. **Council Meetings –Aug. 26, Sept. 9 & 23, 2013 @5:00 p.m., City Hall Council Chambers.**
- iii. **Finance Meetings –Aug. 21, 28, 2013 @ 12:00 City Hall**
- iv. **CDA Meetings –Aug. 22, Sept. 12, 26, 2013 @ 11:00 a.m., City Hall Council Chambers**

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**Earth Hour**  
Aug 4, 2013

Mr. Jason Bowman  
1615 1st Avenue  
South Sioux City, NE 68776-2236

Dear Mr. Bowman,

Thank you for your efforts to improve our community. As a resident, I am writing to express my deep concern about the threat that the impacts of climate change pose to our community.

That is why I urge you to enroll our community in World Wildlife Fund's Earth Hour City Challenge (<http://worldwildlife.org/citychallenge>), which offers a platform to recognize and reward cities for the work they do. The City Challenge builds on the annual Earth Hour event where millions around the globe turn out their lights for one hour in a call for action to protect the planet.

All cities that share their sustainability efforts through the Earth Hour City Challenge will be publicly recognized and have a chance to compete for one of three \$30,000 grants and be crowned an Earth Hour Capital!

Learn more and enroll our city at  
<http://worldwildlife.org/citychallenge>

Participating in this initiative can help raise the profile of our existing sustainability efforts and encourage us to do even more to advance renewable energy and prepare for climate change. I sincerely hope you will visit the website and take advantage of this great opportunity.

Sincerely,

Mr. John Dailey

**End Earth Hour**

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Wind Turbine Ordinance

*UIC* DRAFT  
8/7/2013

ORDINANCE NO. 2013-\_\_\_\_\_

**AN ORDINANCE OF THE CITY OF SOUTH SIOUX CITY, DAKOTA COUNTY, NEBRASKA REGULATING SMALL WIND TURBINES; PROVIDING FOR PERMITTED USES AND REGULATING THE INSTALLATION OF SMALL WIND TURBINES; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HERewith; AND PROVIDING A TIME WHEN THIS ORDINANCE SHALL BE IN FULL FORCE AND EFFECT.**

BE IT HEREBY ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF SOUTH SIOUX CITY, NEBRASKA:

SECTION 1: **Purpose.** It is the purpose of this regulation to promote the safe, effective and efficient use of small wind energy systems installed to reduce the on-site consumption of utility supplied electricity.

SECTION 2: **Findings.** The City of South Sioux City, Dakota County, Nebraska, finds that wind energy is an abundant, renewable, and non-polluting energy resource and that its conversion to electricity will reduce our dependence on nonrenewable energy resources and decrease the air and water pollution that results from the use of conventional energy sources. Distributed small wind energy systems will also enhance the reliability and power quality of the power grid, reduce peak power demands, and help diversify the State's energy supply portfolio. Small wind systems also make the electricity supply market more competitive by promoting customer service.

Therefore, we find that it is necessary to standardize and streamline the proper issuance of building permits for small wind energy systems so that this clean, renewable energy resource can be utilized in a cost-effective and timely manner.

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SECTION 3: **Definitions.**

- 3.1 **Small Wind Energy System:** A wind energy conversion system consisting of a wind turbine, a tower, and associated control or conversion electronics, which has a rated capacity of not more than 100 kW and which is intended to primarily reduce on-site consumption of utility power.
- 3.2 **Height:** The height shall be measured to the highest point of the small wind energy system including the blades above grade at the base of the unit.

SECTION 4: **Permitted Use:** Small wind energy systems shall be a permitted use in all zoning classifications where structures of any sort are allowed; subject to certain requirements as set forth below:

- 4.1 **Small Wind Energy Height:** Height of small wind energy system shall not be restricted except as imposed by FAA regulations and section 4.2.
- 4.2 **Set-back:** No part of the wind energy system may extend closer than a distance equal to the height of the small wind energy system PLUS one foot to the property boundaries of the installation site.
- 4.3 **Noise:** Small wind energy systems shall not exceed 60 dBA, as measured at the closest neighboring inhabited dwelling. The level, however, may be exceeded during short-term events such as utility outages and/or severe wind storms.
- 4.4 **Wind Turbines:** Small wind turbines must have been approved under the Emerging Technologies program of the California Energy Commission or any other small wind certification program recognized by the American Wind Energy Association.
- 4.5 **Compliance with International Building Code:** Building permit applications for small wind energy systems shall be accompanied by standard drawings of the wind turbine structure, including the tower, base, and footings. An engineering analysis of the tower showing compliance with the International Building Code and certified by a licensed professional engineer shall also be submitted. This analysis is frequently supplied by the manufacturer. Wet stamps shall not be required.
- 4.6 **Compliance with FAA Regulations:** Small wind energy systems must comply with applicable FAA regulations, including any necessary approvals for installations close to airports. Proof of FAA regulation compliance is required at time of permit application submittal.

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- 4.7 **Compliance with National Electric Code:** Building permit applications for small wind energy systems shall be accompanied by a line drawing of the electrical components in sufficient detail to allow for a determination that the manner of installation conforms to the National Electrical Code. This information is frequently supplied by the manufacturer.
- 4.8 **Utility Notification:** No small wind energy system shall be installed until evidence has been given that NPPD has been informed of the customer's intent to install an interconnected customer-owned generator and that such installation conforms to the NPPD installation policies. Off-grid systems shall be exempt from this requirement.
- 4.9 **Mandatory Approval:** All abandoned small wind energy systems shall be removed at the owner's expense within one year after the system was taken out of service.

SECTION 5: That all ordinances or parts of ordinances in conflict herewith are hereby repealed.

SECTION 6: That this ordinance shall be in full force and effect from and after its passage, approval and publication or posting as provided by law.

PASSED AND APPROVED this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
MAYOR

End Wind Turbine Ordinance

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Engineer report JEO/Olsson



**Olsson Associates Weekly Update  
As of August 16, 2013**

Project	Project Status	Construction Estimate	Contractor	Contractor					Current Status
				Original Bid	Change Orders	CO % of Contract	Amount to Date	% Complete	
Missing Link Trail ENH-22(30)	Design								As of Thursday NDOR was completing their 60% review and we should have comments back soon.
East 17th Street URB-5314(2)	Design								Responses to NDOR's comments on the Cat Ex have been submitted to NDOR and FHWA.
East 31st Street	On Hold Until Funding Available								Plans have been submitted to City Staff for review and comment.
Foundry Lift Station Pump Replacement	Construction	\$ 97,900.00	Interstate Mechanical	\$ 99,520.00					Electrical panel has been replaced. Still setting up the bypass pumps and should be installing new pumps next week.
2013 CDBG Paving Improvements West 14th, 15th, & 6th Ave	Construction	\$ 663,450.00	Gill Construction	\$671,307.16					Contractor will have the new water main installed on West 15th Street and will start on the storm sewer next week.

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## JEO Project Status Report

To: City of South Sioux City: Lance Hedquist and Bob Livermore

Date: August 15, 2013

Report Prepared By: Ethan E. Joy, PE



JEO #	Project	Funding Source #	Current Status	Expectations	Necessary City Action	Schedule
R090694	Dakota Ave Replacement (Regency to 29 <sup>th</sup> Street)	U.R.B. 5305 (10) C.N. 32081	NDOR moving through internal reviews and project has been submitted to Federal Highway for final approval.	Project on track for October bid letting.		Expected October bid letting by NDOR
R100126	Dakota Ave Reconstruction (I-129 to 39 <sup>th</sup> Street)	HSIP - 5055(11)	See Above			
R100162	Connecting Schools Trail	C.N. 32169 SRTS-22(32)	30% plans submitted to NDOR	Will schedule plan in hand meeting with NDOR soon.		90% plan submittal anticipated September 2013
R101179	Riverview Drive Extension		Contractor working on subgrade stabilization and dog park waterline.			
R130268	Scenic Park Addition		Contractor finishing final grading	Expect contractor to be complete soon depending on weather.		
R130272	Water Supply Study: Cost of Service Study & Test Well for B Street WTP		Pre-con to be held August 8 <sup>th</sup> .	Work to begin by late August.		Test well Completion Date: Oct. 1

Thank you.

Note: Items in Red are new from previous report.

Ethan E. Joy, PE  
Branch Manager

*Your Goals, Our Team, One Vision*

