

**CITY OF WOODSTOCK  
TRANSPORTATION COMMISSION**  
December 9, 2015  
City Council Chambers

A special meeting of the Woodstock Transportation Commission was called to order at 7:00 PM by Chairman Andrew Celentano on Wednesday, December 9, 2015 in Council Chambers at City Hall.

A roll call was taken.

**COMMISSION MEMBERS PRESENT:** Chairman Andrew Celentano, Caron Wenzel, Mark Indyke, Susan Hudson. Jason Osborn arrived at 7:09.

**COMMISSION MEMBERS ABSENT:** None

**STAFF PRESENT:** Assistant Director of Public Works, Tom Migatz

**OTHERS PRESENT:** Deputy City Clerk Amy Weber

**APPROVAL OF MINUTES:**

Motion by Mark Indyke, second by Susan Hudson to accept the November 18, 2015 Regular Meeting minutes as presented. Ayes: Caron Wenzel, Mark Indyke, Susan Hudson, Jason Osborn, Chairman A. Celentano. Nays: None. Absentees: None. Abstentions: Motion carried.

**FLOOR DISCUSSION:**

1. Public Comments

None.

2. Commission Comments

Andrew Celentano stated that Tom Migatz is acting as liaison for Public Works. He is the new Assistant Director and was previously employed by the City of Elgin IL where he was involved with snow removal, street repair, park maintenance, their cemetery and their zoo. Andrew Celentano welcomed Tom and thanked Amy Weber for her work.

**TRANSMITTALS:** (No discussion or action requested)

None.

**OLD BUSINESS:**

None.

**NEW BUSINESS:**

1. WHS Student Presentation, Divvy Program

Students Jordan Loacker, 1271 Amber Court, Spencer Stumpff, 1317 Winslow Circle and Daniel Regna, 154 Bloomfield Drive, all of Woodstock IL, presented a Power Point slide presentation entitled EDD Bike Rack Group Update 12/9/2015. Jordan Loacker began by giving a brief overview of the EDD bike rack project. Daniel then presented the problem statement and their proposed solution, the bicycle rack rental system. If successful, the system would decrease traffic congestion. Spencer explained how the racks are constructed and how they work, and then Daniel explained the CAD design in more detail. Jordan then provided details on the survey they are creating and how they will be distributing it. Spencer added detail on the fabrication process and noted they are working on designing the locking system. There will be a proximity card reader for people to scan with a card to get a bike. The team presented detailed information on power supplies and other important design features. When they were done, Jordan asked if there were any questions.

Mark Indyke asked how the racks will be attached to the concrete. The team hasn't determined this for certain yet, but thinks it most likely it will be latched to the concrete. Mark Indyke then asked how the battery supply is charged. Daniel indicated that solar panels to charge the batteries are mounted on the box in a fashion that is vandal resistant. Susan Hudson asked about the card system. Daniel said they were planning to use the same basic system as the Recreation Center uses, so they can piggyback on that infrastructure. Susan Hudson and Mark Indyke asked about the pin mechanism, with Mark Indyke suggesting using a solenoid. Caron Wenzel asked about the use of aluminum and the overall cost of materials. The students noted that to date everything has simply been prototyped, so no definite materials or costs have been determined. Commission members encouraged the students to consider how their racks could be removed easily in winter, when there would be no call for their use.

Andrew Celentano and Mark Indyke expressed concerns about how to secure the racks, with Andrew Celentano having reservations about using a "screw down" approach. Andrew Celentano also wondered if the card readers would be durable enough and sufficiently vandal proof. The students said they would look into those concerns. Andrew Celentano asked if it might be possible to do some of the "card reading" via smart phones. Jordan replied they had considered that, but didn't think they could create or modify an app effectively. Andrew Celentano asked them about a business plan, noting they could likely get a basic business plan from the small business administration. He encouraged the students to go to the SBA website to possibly get some ideas. There was further discussion of possible theft issues. Caron Wenzel asked how long the students would be collecting data from their survey. Daniel replied that they would do so for as long as they could. Susan Hudson and Andrew Celentano asked about some of the specific survey questions. Andrew Celentano noted they need to factor in the time of day since if you have a lot of people who want to use the bikes at the same time of day, you may have 50 users but only 10 bikes. Jordan answered that some of the racks will likely be more populated than others, so those managing the system will have to collect data to see what racks are used most and least and stock bikes accordingly.

Jason Osborn noted that the project is pretty big and that the students were getting close to solving 15 problems, not counting the ones the commission had just added. He was impressed with the work that had already been done and the likely positive effect on their system. Andrew Celentano and Susan Hudson agreed, noting that the students were doing a good job on a very big project. Andrew Celentano thanked the public for coming to watch the presentation.

## 2. 2016 Meeting Schedule

Andrew Celentano noted that at the March meeting, the students will be back. He added they will be doing their final presentation on May 11 because kids are only in school until May 14. Jason Osborn made a motion to move the May meeting of the Commission to May 11, seconded by Mark Indyke. Motion carried unanimously. Andrew Celentano asked if any of the Commission members wanted to become vice-chair.

## **FUTURE AGENDA ITEMS**

### 1. Alternate ways to get across IL Rt. 47 – January 2016

Jason Osborn and Caron Wenzel are working on putting together something for a mini-bus.

## **ADJOURN:**

Motion by Mark Indyke, second by Caron Wenzel to adjourn to a Regular Meeting on January 20, 2016 @ 7:00 PM. Ayes: Chairman Andrew Celentano, Caron Wenzel, Mark Indyke, Jason Osborn, Susan Hudson. Nays: None. Absentees: None. Abstentions: None. Motion carried.

Respectfully submitted,

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Amy Weber – Deputy City Clerk