

## **District II Advisory Board Minutes**

**January 4, 2010**

[www.wichita.gov](http://www.wichita.gov)

The District II Advisory Board meeting was held at 7:00 p.m. at Fire Station #20 located at 2255 S. Greenwich Road. CM Schlapp was in attendance, (10) board members attended, (4) staff and approximately (4) citizens were in attendance. Only those individuals who signed in are listed as guests below.

### **Members Present**

Aaron Mayes  
Max Weddle  
Daryl Crotts  
Tom Roth  
Dave Mollhagen  
Brian Carduff

### **Staff Present**

Antione Sherfield- Neighborhood Assistant  
Officer Lloyd– WPD  
Officer Ward – WPD  
Chief Anderson - WFD

### **Guests**

Listed below

## **ORDER OF BUSINESS**

### **CALL TO ORDER**

The meeting was called to order at 7:00 p.m. CM Schlapp welcomed everyone and explained how the DAB meeting is conducted. DAB members did introductions.

### **APPROVAL OF MINUTES AND AGENDA**

- **February Agenda (6-0)**
- **January Minutes approved (6-0)**

### **PUBLIC AGENDA**

1. **Off-Agenda Items**  
**No items submitted**

### **STAFF REPORT**

2. **Community Police Report**

**Officer Lloyd** and **Officer Ward** provided information pertaining to issues in District II. Officer Lloyd stated that the Kellogg/Rock intersection is the #1 traffic accident intersection in the City. There were (57) accidents in 2009, (37) accidents in 2008, and (48) accidents in 2007. He also stated that larceny shoplifting increased at Towne East Mall in 2009.

Officer Ward discussed issues occurring on Beat 46. Beat 46 is a small pocket in District near in the proximity of 21<sup>st</sup>/Woodlawn and 29<sup>th</sup>/Rock Road area. He stated that over the past eight (8) years, crimes is steady moving East. WPD is noticing more burglaries in Sawmill Creek, Willowbend, Sycamore Village. He also stated that WPD will come out and assist you with making your home a hard target to burglarize. They both encouraged everyone to keep garage doors closed when not in use.

**CM Schlapp** thanked the Officers and the entire City of Wichita Police Department for the fine work they provide citizens and community.

**Recommended Action:** Receive and file

### **3. Community Fire Report**

**Chief Anderson** provided information pertaining to Fire Service calls in District II. Chief Anderson stated there were over 4,400 City-wide for the year. Most of the calls were medical related. There was a homicide in relation to the fire at the Riverside Apartments located at South Topeka and Broadway. The suspect was in custody as of Sunday evening. He also stated that WFD will be starting their Citizens Fire Academy which will meet once a week. If anyone is interested in attending the Academy they can contact Chief Anderson at Fire Station #9.

**CM Schlapp** applauded Chief Anderson and the Fire Department for the great services they provide our community.

**Recommended Action:** Receive and file

## **NEW BUSINESS**

### **4. Wichita Point-to-Point Network**

**Mike Mayta, IT Director** provided information pertaining to the Wichita Point-to-Point Network.

**Background:** With the advent of two (2) complex Intelligent Transportation System (ITS) projects, the IT/IS department was tasked with finding a solution to provide a transfer path for the data generated by each. At the same time, due to many instances of slow and problematic transfer rates of data with the current leased buried cable network structure, the IT/IS Department was searching for a solution for possible replacement of the leased service.

After careful research, it was determined that the most viable and economical approach would be to replace the current leased network with a Point-to-Point (P2P) broadband telecommunications system. A distinct advantage of utilizing an antenna based technology is that it will provide a means for transferring large amounts of data from a fixed location over long distances.

On March 18, 2008, City Council granted approval for IT/IS to establish a contract for the P2P Network Project (Project), with Electronic Technology Incorporated (ETI), a company from Merriam, KS, specializing in the design, installation and deployment of networks utilizing radio frequency. The project is under development and once completed will provide a Citywide infrastructure.

**Analysis:** Located on a telecommunication facility, the P2P system will require the placement of two - three (3) foot diameter microwave antennas, which carries a weight load of one-thousand nine hundred pounds (1,900 lbs). Located on the same facility, below the P2P system will be the Point-to-Multipoint (P2MP) distribution antennas for the area. This will system consist of a minimum of three - eight by twelve inch (8" x 12") sector antennas, which carries a weight load of thirty pounds (30 lbs).

Based on the Wichita Metropolitan Planning Commission's, Wireless Master Communication Plan, a facility which is in excess of one-hundred feet (100') in height, must also provide an adequate structure to support two other radio frequency providers. Most generally these will be from a cellular carrier. At a minimum, a cellular antenna array will consist of a three - ten foot (10') sided structure, with a minimum of nine - eighteen by forty-eight inch (18" x 48") omnidirectional antennas, which carries a weight load of one-thousand eight hundred pounds (1,800 lbs).

A P2P network structure requires a constant direct line-of-sight (LOS) connection between the antennas to maintain a data path. To correlate the amount of sway in a facility, one must look at the wind load placed upon the facility by the type of antennas systems attached to it. For this project, the level of radio frequency which the backhaul system shall be utilizing, the antenna system must remain rigid to within four inches of an allowable sway in the facility or the connection to an adjacent antenna shall be lost. This correlates to a maximum allowable wind speed of six miles per hour, which is often exceeded in the Wichita - Sedgwick County region. This emphasizes the requirement for an extremely reliable structure when considering the amount of wind-loading encountered by a facility, generated by the entire antenna assemblage attached to it.

A total of nine (9) antenna sites will be constructed to form the entire backbone ring of the network. The nine sites shall be divided into two rings servicing the east half and west half of the City. Three sites have been determined to connect back to the City Hall building which will house the servers for data repository of each application operating across the P2P network. This will provide a redundant path back to City Hall for any data transfer, should one site fail.

Of the identified backbone sites, four (4) shall be located within the east half of the City. Two sites will utilize an existing structure and the remaining two sites will require the installation of a telecommunication facility. Four sites shall be located within the west half of the City. All four shall require the installation of a telecommunication facility. The ninth and final site shall be the City Hall building.

Even though the initial approach to the project was to provide a data path for the ITS projects and find a more reliable and less costly solution to providing network connectivity to outlying facilities, the project scope has expanded prior to it becoming active. Several other City Departments have expressed an interest in utilizing the P2P network for transfer of data specific to projects they are developing.

**Financial Considerations:** An application for funding from a Federal ITS source was submitted and approved by the Federal Highway Administration (FHWA). The funding required a local match which was supplied through another federal source and IT/IS Replacement Fund.

Since the initial approval of the Federal funds, other City departments have contributed to the full amount available to complete the project.

**Goal Impact:** This project addresses the Internal Perspective goal by influencing the following indicators: Improve Technology Efficiencies and Increase Productivity.

**Legal Considerations:** The original and ensuing addendum to Contract for the P2P network have been finalized between the City and ETI. A second addendum to Contract for addition of the Water and Sewer ASR Project is currently in the draft stage. Once completed, the addendum will require the approval of City Council and ETI.

**DAB Members had the following questions and concerns:**

- **Does point –to- point tower require clear line of sight.**
- **Would leasing space to USD 259 off set cost for infrastructure.**
- **District Advisory Board was under the impression that land use at Central and Greenwich was dedicated for park use not point-to-point tower.**
- **Will the point-to point tower have lighting**
- **May require light due to close proximity of Hawker Beech Craft**

**Recommended Action: Receive and file**

## **5. Metropolitan Transportation Plan (MTP) 2035**

**Nancy Harvieux, Wichita Metropolitan Transportation Planning Organization (WAMPO)** provided information in regard to the Metropolitan Transportation Plan.

**Background:** The Wichita Area Metropolitan Planning Organization (WAMPO) will be giving a brief presentation on the progress of the Metropolitan Transportation Plan (MTP) 2035.

The MTP is an update of the current regional Long Range Transportation Plan (LRTP) 2030, which expires in August of 2010. The MTP 2035 will enable local agencies to use federal funding for transportation projects. Without this plan, regionally, we will lose out on millions of federal dollars that could be used to improve the efficiency, safety, and operations of our transportation system.

The plan will include a list of projects that will be eligible for federal transportation funds. However, this list cannot exceed the anticipated transportation revenue. The total cost for all of the projects that were submitted for inclusion in the plan exceeds that anticipated revenue. Because of this, different packages of projects (or scenarios) have been created that support the four goals and four short-term objectives of the plan.

The district advisory board and interested parties will be supplied with a map of the projects that are in the Initial Scenario, as well as a handout that will include information on the alternative scenarios. During this presentation, WAMPO will discuss each scenario and provide an analysis.

WAMPO is looking for input on which scenario you prefer. WAMPO is not expecting a preferred scenario to be picked during the presentation due; however we will be available to address any questions. More in depth information, including a list of projects for each scenario

will be posted on the WAMPO website ([www.wampoks.org](http://www.wampoks.org)) along with a survey where you can select your preferred scenario and provide feedback.

**CM Schlapp** thanked Nancy Harvieux for the presentation.

**Recommendation:** Receive and file

**With no further business, the meeting was adjourned at 8:42 p.m. The next DAB II Meeting will be March 1, 2010.**

Respectfully Submitted,  
Antione Sherfield, Neighborhood Assistant