

**Transportation Committee Meeting  
Wednesday, February 20, 2008 – 8:30 A.M.  
McHenry County Division of Transportation  
Main Conference Room  
Woodstock, Illinois 60098**

Chairman Dan Shea  
Vice Chairman Ed Dvorak    Mary Lou Zierer  
Virginia Peschke        Lyn Orphal  
Sandra Salgado        Anna May Miller

**CALL TO ORDER**

Chairman Shea called the meeting to order at 8:30 A.M.

**MEMBERS IN ATTENDANCE**

Chairman Dan Shea, Ed Dvorak, Lyn Orphal, Mary Lou Zierer, Anna May Miller, Sandra Salgado and Virginia Peschke.

Ms. Salgado arrived at 8:45 A.M.

Ms. Peschke left the meeting at 9:15 A.M.

**MEMBERS NOT IN ATTENDANCE**

None

**OTHER ATTENDEES**

In attendance were: Peter Austin, County Administrator; Joseph Korpalski, Director of Transportation/County Engineer; Jeff Young, Assistant County Engineer; Walter Dittrich, Division of Transportation, Design Manager; Charles Eldredge, McHenry County Economic Development Corporation; Paula Yensen, Village of Lake in the Hills, Trustee; President Lauri Olson, Village of Richmond; Tim Savage, Village of Richmond, Village Administrator; Mark Dammyer, Division of Transportation, Construction Manager; Ron Maas, Division of Transportation, Data/Communications Manager; Glen Lindsey, Division of Transportation, Utility Coordinator; Mark DeVries, Division of Transportation, Maintenance Superintendent; Ed Markison, Division of Transportation, Assistant Maintenance Superintendent; Ken Baker Division of Transportation Township Engineer; Chalen Hunter, Division of Transportation, Planning Liaison; Debra Kroll, Division of Transportation, Administrative Specialist.

**PUBLIC COMMENT**

- Mr. Charles Eldredge, on behalf of the McHenry County Economic Development Corporation, offered their support regarding the Richmond Bypass.
- Mr. Dave Frederick of 5211 Mt. Thabor Road in Woodstock, Illinois stated that “speed kills” and referred to speed limits and fatalities on two (2) non-County roads. He is of the opinion that the County’s Speed Limit Ordinance is a misinterpretation of the State law and should be corrected, posting roads with lower speed limits.

**APPROVAL OF MEETING MINUTES – JANUARY 16, 2008**

On a motion by Mr. Dvorak, seconded by Ms. Peschke, the January 16, 2008 meeting minutes were approved as presented.

A vote was taken with all members present voting “aye”; motion carried.

**RESOLUTION APPROVING INTERGOVERNMENTAL AGREEMENT WITH THE VILLAGE OF RICHMOND AND THE APPROPRIATION OF FUNDS**

Staff requests the approval of the resolution approving an Intergovernmental Agreement (IGA) with the Village of Richmond for a Phase I Engineering Study for the Richmond Bypass.

The Feasibility Study for the Richmond Bypass was concluded in September of 2007 in which it determined a preferred alignment for the bypass. The Feasibility Study was jointly funded by the Illinois Department of Transportation (IDOT), the Village of Richmond and McHenry County, with IDOT contributing 50% towards that study and the Village and the McHenry County Division of Transportation each contributing 25%.

The next step in the process is a Phase I Engineering Study. Using the Federal SAFETEA-LU funds secured by Congresswoman Bean, the required local 20% match to fund the Phase I study will be paid for by the State, County and Village in the same manner as was the Feasibility Study. This would entail the McHenry County Division of Transportation's contribution of 25% amounting to \$118,325.00. The Village of Richmond will enter into a separate IGA with IDOT as the Village will be the lead agency for the Phase I study.

Officials from the Village of Richmond were present to answer questions. They also extended their appreciation for the County's support in moving the bypass forward to the next phase. The Village believes this is a positive step for regional transportation.

On a motion by Ms. Miller, seconded by Ms. Orphal, the resolution approving an intergovernmental agreement with the Village of Richmond and the appropriation of funds was approved with a recommendation to the County Board.

A roll call vote was taken with all members present voting "yes"; motion carried.

Ms. Salgado arrived at 8:45 A.M.

**PRESENTATION – Asset Management Software**

Mr. Jeff Young presented a handout to the Committee members. He discussed the Geographical Information System (GIS) and how it relates to the McHenry County Division of Transportation (MCDOT) and their vision of the management of its assets. The MCDOT's assets are all items owned by the County and within its right-of-way (i.e. traffic signals, roadway lighting and pavement striping along with the pavement itself).

The Division has been managing their sign assets for approximately nine (9) years using software through a database that keeps track of what type of sign it is, where it's located and its condition. This program helps the Division from a budgetary standpoint in order to plan ahead. The Division spends approximately 20% of its budget or roughly \$2 million per year on pavement rehabilitation. There is a need to evaluate other available resources to assist in the evaluation and better management of pavement for preservation.

In 2005, an internal committee was created and joined by Information Technology (IT) and Geographical Information System (GIS), to begin the evaluation of the MCDOT's direction with GIS and asset management. While the County has its overall plan in place, anything embarked upon by the McHenry County Division of Transportation would need to parallel the County's plan, in order to accomplish success with the GIS program.

In 2006 six (6) vendors were interviewed. Through that process CarteGraph software was selected.

In 2007 the MCDOT began to work with CarteGraph, IT and GIS more closely to fine tune the details of the developing process for the software.

CarteGraph was selected because their software was already in use at the MCDOT, they offer a wide array of asset management tools, their software is user friendly with customizable modules, GIS interfacing is offered, the software is utilized by other agencies such as the Wisconsin Department of Transportation, Lake County, Lake in the Hills and West Dundee to name a few.

Mr. Mark Dammyer discussed the pavement management component of CarteGraph software. The Division will come back before the Committee in the near future with a contract to collect the data necessary for pavement management, as well as all of the other assets within the County.

Data collection will be done via driving method and will be completed in three (3) days. That will be the source data for the GIS program and the pavement management system. After two (2) years, data will be updated on one-quarter of the County. This will be a continual event and every four (4) years data will be updated on all pavement within the County. All roadway assets of the County will eventually be inventoried, tracked and continually updated in the Geo database that can include past relevant history as well as future planning. This updated information will be available to all County employees, other agencies and the public sector, in the future.

Mr. Dammyer has spoken before the Committee previously regarding pavement management and preservation. There are still many challenges ahead in this regard, concerning approved processes and deliverability of desired maintenance by local contractors. That aside, the best tool of the pavement management system is the ability to create scenarios which this software provides.

Mr. Jay Wickham, co-founder of CarteGraph Systems, highlighted certain aspects of the software tool and what it can provide specifically to the County.

- Inventory of assets
- Aid in the inspection of assets
- Analyzation of individual assets
- Mapping or entry of all various County assets into the GIS

Benefits received from a County and citizen vantage point are:

- Better ability to manage and report on individual data and assets
- Analyze or plan critical decisions related to current infrastructure
- Improve customer service
- Assist with liability or litigation issues that may occur with County assets

Mr. Wickham thanked the Committee for their consideration.

**RESOLUTION APPROVING THE PURCHASE OF COMPUTER SOFTWARE**

Staff requests the approval of the resolution approving an Agreement with CarteGraph Systems for Asset Management software for the McHenry County Division of Transportation (MCDOT).

On a motion by Ms. Zierer, seconded by Ms. Miller, the resolution approving the agreement with CarteGraph Systems for purchase of computer software was approved with a recommendation to the County Board.

A roll call vote was taken with all members present voting “yes”; motion carried.

**RESOLUTION AUTHORIZING AMENDMENTS TO R-200708-82-196 – A RESOLUTION AUTHORIZING AN INTERGOVERNMENTAL AGREEMENT WITH THE VILLAGE OF HUNTLEY AND THE APPROPRIATION OF FUNDS**

Staff requests the approval of this amended resolution approving the Intergovernmental Agreement (IGA) with the Village of Huntley outlining the cost participation for the installation of a traffic signal at the Algonquin Road intersection with Haligus Road.

On August 7, 2007 the County Board approved an intergovernmental agreement with the Village of Huntley for the engineering and construction of improvements to the intersection of Algonquin Road and Haligus Road. The improvements consisted of temporary traffic signals (which would be converted to permanent signals as part of the County's Algonquin Road project) and roadway lighting. The temporary signals have already been installed and design work is nearing completion on the permanent traffic signal and lighting components. The agreement stipulated that the cost participation for the design work would be split 50/50 between the County and the Village.

As the original resolution only appropriated funds to cover the anticipated signal design work, an amended resolution is required to appropriate funds for the associated roadway lighting design work. The lighting will be installed as part of the second phase of the Algonquin Road project. As the IGA only stipulated the percentage responsibilities and not individual dollar amounts, changes to the IGA are not required.

The total County share for this work will be \$7,586.25.

On a motion by Ms. Miller, seconded by Ms. Peschke, the resolution authorizing amendments to R-200708-196, a resolution authorizing an intergovernmental agreement with the Village of Huntley and the appropriation of funds was approved with a recommendation to the County Board.

A roll call vote was taken with all members present voting “yes”; motion carried.

**RESOLUTION REQUESTING THE ADDITION TO THE FEDERAL AID URBAN SYSTEM**

Staff requests the approval of the resolution to IDOT to include the extension of Ackman Road from Lakewood Road to Haligus Road into the Federal Aid Urban (FAU) routes system.

In order for the newly completed portion of Ackman Road to receive Federal funding, it must be classified as a Federal Aid Urban (FAU) route. Ackman Road from Randall Road to Lakewood Road is listed as FAU Route 3873. The request would extend the FAU Route 3873 classification to Haligus Road.

IDOT reviews and approves all FAU classification requests.

On a motion by Ms. Peschke, seconded by Ms. Salgado, the resolution requesting the addition to the Federal Aid Urban system was approved with a recommendation to the County Board.

A vote was taken with all members present voting “aye”; motion carried.

**RESOLUTION APPROVING AN INTERGOVERNMENTAL AGREEMENT WITH THE STATE OF ILLINOIS AND THE APPROPRIATION OF FUNDS**

Staff requests the approval of the resolution approving an Intergovernmental Agreement (IGA) with the State of Illinois for right-of-way services and acquisition for the Walkup Road project.

The McHenry County Division of Transportation (MCDOT) entered into an agreement on December 19, 2006 with Mathewson Right of Way Company (MROWCO) for land acquisition services in conjunction with the McHenry County portion of Walkup Road north of Illinois Route 176. Due to the extensive number of parcels involved (approximately 125) in the Walkup Road project, the McHenry County Division of Transportation sought to use the Federal Congestion Mitigation and Air Quality (CMAQ) funds secured for the project towards the land acquisition phase, which would reimburse the County 80% of the funds expensed.

To follow the IDOT and Federal process to use CMAQ funds, the plats and legals for all parcels needed to be completed along with a preliminary cost estimate for the land to be acquired. The estimated total land acquisition cost for the entire project is \$3,747,900.00. Based on a Letter of Intent from IDOT dated October 2, 2007, IDOT would assume the lead role in the acquisition of the land associated with the Walkup Road intersection with Illinois Route 176. IDOT will also pay for the land at this State intersection that abuts Illinois Route 176.

The McHenry County Division of Transportation intends to enter into another IGA with the City of Crystal Lake to have the City reimburse the County for the southern leg of Walkup Road which is under the City's jurisdiction.

Therefore, an amended agreement with IDOT is forthcoming. Based on the preliminary acquisition values and the 80% CMAQ funding, the anticipated cost responsibility of the McHenry County Division of Transportation is estimated at approximately \$400,000.00. The value will likely increase once formal appraisals are completed and the individual parcels are settled on.

This is a standard agreement with the State of Illinois for Federal participation. The agreement identifies that the County will be reimbursed \$2,998,320.00 (80% of \$3,747,900.00) for the Right-of-Way phase of the project. The local (County) share is identified at \$749,580.00. However, forthcoming IGA's with IDOT and the City may have the County responsibility reduced to approximately \$400,000.00.

On a motion by Mr. Dvorak, seconded by Ms. Orphal, the resolution approving an intergovernmental agreement with the State of Illinois and the appropriation of funds was approved with a recommendation to the County Board.

A roll call vote was taken with all members present voting "yes"; motion carried.

Ms. Peschke left the meeting at 9:15 A.M.

**RESOLUTION AUTHORIZING AN EMERGENCY APPROPRIATION TO THE DIVISION OF TRANSPORTATION FY2008 BUDGET**

Staff requests approval of the resolution, approving the emergency appropriation for salt.

Due to a dramatic winter season salt providers have exhausted their inventories of salt in the upper Midwest. This has resulted in slow deliveries and depleted stocks at the McHenry County Division of Transportation (MCDOT). The MCDOT has secured some salt from an additional source. The MCDOT requests the emergency appropriation as the cost of the additional salt will exceed the funds budgeted as part of the FY 2007-2008 MCDOT Budget.

Mr. DeVries advised the Committee that the MCDOT has never been out of salt. Under the agreement entered into, the MCDOT will continue to receive salt from the provider. The Division has done an excellent job in the management of salt. The problem is that the provider simply cannot deliver the product. The Division went outside of the contract to obtain salt so that the MCDOT did not entirely deplete the salt supply in-house. Salt was found, secured and will be paid for with this emergency appropriation. This will give the Division the cushion needed to provide road maintenance until the contracted salt is delivered. The Division will continue to receive the balance due on the contract at the contracted price. Two thousand (2,000) tons outside of the contract was ordered at \$80.00/ton.

Mr. Korpalski noted that the Division was already at 70% of overtime hours. Quantities of diesel fuel used are also up. More than likely in the future the Division will come back before the Committee with additional resolutions for these items.

On a motion by Ms. Miller, seconded by Ms. Orphal, the resolution authorizing an emergency appropriation was approved with a recommendation to the County Board.

A roll call vote was taken with all members present voting "yes"; motion carried.

**OLD/ NEW BUSINESS**

**Old Business**

Mr. Korpalski advised the Committee that the McHenry County Division of Transportation has secured design approval for the Western Algonquin Bypass. The May 2005 contract with Civiltech Engineering needs to be revised, reviewed and approved by IDOT before coming to the Transportation Committee for reconsideration.

Chairman Shea and Mr. Korpalski are members of a committee that met with the Illinois State Toll Highway Authority (ISTHA) regarding the Longmeadow Parkway Bridge and what needs to be accomplished from the perspective of tolling. Ultimately it came down to technology and how the ISTHA will proceed. There are many different options that Kane County and the Kane County Division of Transportation will need to sort through. The meeting focused on several different concerns, i.e., whether to have open road tolling, gates, location of gates, violators, and pursuance of violators. Issues need to be worked out due to uncertainty with the entire process.

**New Business**

The McHenry Division of Transportation (MCDOT) is pleased to welcome the addition of Mr. Thomas Reese to our staff as our newest Maintenance employee. Mr. Reese has been assigned to the Division's Vegetation Section where he will assist in the day to day operations of the MCDOT.

Mr. Reese brings with him the knowledge of previous public works experience working for both Lake in the Hills and the City of Crystal Lake where he held a number of positions in the street, water and parks departments. Most recently, he has been self employed owning and operating a franchise for dog guard underground fencing.

Mr. Reese spends his free time rescuing and training abandon dogs and volunteering weekly at the local pads shelter. Mr. Reese is a life long resident of McHenry County and is currently residing in the Alden area.

**EXECUTIVE SESSION – Minutes – November 7, 2007 and January 16, 2008**

On a motion by Ms. Miller, seconded by Mr. Dvorak, the meeting went into Executive Session at 9:40 A.M. to discuss minutes.

A roll call vote was taken with all members present voting "yes"; motion carried.

**RETURNING TO REGULAR SESSION**

On a motion by Ms. Orphal, seconded by Ms. Miller, the meeting went into Regular Session at 9:44 A.M.

A roll call vote was taken with all members present voting "yes", motion carried.

Chairman Shea noted that "no action" was taken in Executive Session.

**NEXT MEETING DATE & LOCATION**

8:30 A.M. on March 5, 2008 – McHenry County Division of Transportation

**ADJOURNMENT**

On a motion by Ms. Orphal, seconded by Mr. Dvorak, the meeting adjourned at 9:50 A.M.

A vote was taken with all members present voting "aye"; motion carried.