

**Transportation Committee Meeting
Wednesday, April 2, 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, Virginia Peschke and Sandra Salgado

MEMBERS NOT IN ATTENDANCE

Anna May Miller

OTHER ATTENDEES

In attendance were: Ken Koehler, County Board Chairman; John Labaj, Deputy County Administrator; Joseph Korpalski, Director of Transportation/County Engineer; Jeff Young, Assistant County Engineer; Walter Dittrich, Division of Transportation, Design Manager; Chris Manheim and Charles Eldredge, McHenry County Economic Development Corporation (MCEDC); Regan Foster, Northwest Herald Newspaper; Iris Bryan, Town Crier Publication; Veronica Armstrong, McHenry County resident; Mark Dammyer, Division of Transportation, Construction Manager; Ed Markison, Division of Transportation, Assistant Maintenance Superintendent; Wynnyth Adair, Division of Transportation, Drainage Engineer; Cha Lee, Division of Transportation, Consultant Project/Design Engineer; Jim Werner, Division of Transportation, Construction Engineer; Glen Lindsey, Division of Transportation, Utility Coordinator; Jason Osborn, Division of Transportation, Principal Transportation Planner; Ray Beets, Division of Transportation, Permit/Developer Project Manager; Randy Morin, Division of Transportation, Vegetation Supervisor; Chalen Hunter, Division of Transportation, Planning Liaison; Debra Kroll, Division of Transportation, Administrative Specialist.

PUBLIC COMMENT

- Ms. Veronica Armstrong, 6201 Edgewood Road, Crystal Lake, Illinois referred to an article in the Northwest Herald Newspaper of an accident that occurred in October 2007 in which a Johnsburg teenager was killed and relayed her concerns at the Walkup Road/Edgewood Road intersection.
- Mr. Chris Manheim of the McHenry County Economic Development Corporation discussed an earmark from Congressman Manzullo's office called F.A.S.T. Solutions (Flexible and Sustainable Trainng). This initiative will provide flexible and sustainable workforce training in a "boot camp" format so that employers' needs for skilled workers and residents' needs for livable wages are continually and quickly met. Part of F.A.S.T. Solutions will be to conduct a labor shed study, which will have a large impact on transportation. Mr. Manheim told the Committee that he would be communicating with staff and updating them regarding the study. The County partners are: McHenry County College, the McHenry County Workforce Investment Board, the McHenry County Workforce Network and the McHenry County Economic Development Corporation.

APPROVAL OF MEETING MINUTES – MARCH 19, 2008

On a motion by Ms. Peschke, seconded by Ms. Salgado, the meeting minutes from March 19, 2008 were approved as presented.

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

PRESENTATION

Crystal Lake Avenue at Pingree Road/Terra Cotta Road

An update was provided to Committee members on the intersection improvement project at Crystal Lake Avenue/Pingree Road/Terra Cotta Road in Crystal Lake and unincorporated Algonquin and Nunda townships.

Mr. Dittrich stated that in late 2006, the McHenry County Division of Transportation (MCDOT) in conjunction with the City of Crystal Lake, Algonquin Township and Nunda Township began a project addressing the congestion of Crystal Lake Avenue/Pingree Road/Terra Cotta Road intersection located just north of the Pingree Road Metra Station. The intersection is currently a four-way stop, which becomes severely congested during the morning and afternoon peak hours. The project participants have coordinated to obtain funds from a variety of sources including Metra funding, High Priority Project funding (HPP) from Congressman Manzullo, as well as Surface Transportation Program funding (STP). The County became the lead on this project because of its regional significance in addressing the congestion in the area and for funding purposes.

The scope of the project includes the addition of right and left turn lanes at different legs of the intersection, a slight realignment of the intersection, installation of a traffic signal, as well as the installation of sidewalks, curb and gutter and a closed drainage system. The location of the proposed sidewalks has been coordinated with the City of Crystal Lake, Algonquin Township and Nunda Township. All of the proposed improvements will be constructed within the existing right-of-way. The project is also being coordinated with a City of Crystal Lake project on Crystal Lake Avenue, which is anticipated to be under construction within the same timeframe. Currently the project cost is estimated at \$2.3 million and the project is scheduled for a January/March 2009 letting. The Phase I Project Development Report (PDR) has been completed and is awaiting final approval from the Illinois Department of Transportation. In the near future, MCDOT staff will be bringing forward the Phase II agreement for the Committee's consideration.

Secured funding was received from the Council of Mayors totaling \$1 million for construction; approximately \$900,000.00 through Congressman Manzullo; and the City of Crystal Lake has received approximately \$500,000.00 in funding from Metra. The combined amounts of secured funding should be able to fund the remainder of the project.

Any costs that are required by the local agencies would be memorialized through an intergovernmental agreement between the County, the City and two (2) Townships; which relies on the City and the Townships covering the local match requirements.

RESOLUTION APPROVING THE PURCHASE OF MAINTENANCE EQUIPMENT

The McHenry County Division of Transportation (MCDOT) staff requests the approval of the resolution authorizing the purchase of a 2008 AEBI TT270 Tractor and Mower for the Maintenance Section.

This was a replacement item that was approved in the FY2007/2008 budget for the Division.

Bids were received by the State of Minnesota Department of Transportation. The McHenry County Director of Purchasing reviewed the bids received from the vendor. The low bid, meeting the State of Minnesota and the McHenry County specifications, was a base price of \$103,128.00. Additional equipment (dual wheels, self leveling seat, and 89 inch flail mower) required for the MCDOT, altered the purchase price to \$122,746.00. The Director of Purchasing has recommended the award of this bid for a 2008 AEBI Mower.

The mower, approved as part of the FY2008 budget process, is a replacement item for a 1984 John Deere tractor with approximately 4,500 hours, which will be placed in the County auction. The low bid is approximately \$2,250.00 under the budgeted amount of \$125,000.00. The mower will be used throughout the County system for mowing steep slopes in the right-of-way and center medians. This multi-use all weather equipment is capable of operating various attachments including but not limited to; a sweeper, a plow, a sprayer, a trencher, a tiller and a snow blower.

On a motion by Ms. Zierer, seconded by Ms. Peschke, the resolution authorizing the purchase of maintenance equipment was approved with a recommendation to the County Board.

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

RESOLUTION AWARDING CONSTRUCTION CONTRACT FOR THE ALGONQUIN ROAD RECONSTRUCTION PROJECT AND APPROPRIATING FUNDS

The McHenry County Division of Transportation staff requests the approval of the resolution awarding a construction contract and the appropriation of funds for the Phase II widening and reconstruction of Algonquin Road from Illinois Route 47 east to Lakewood Road within the communities of Huntley and Lake in the Hills.

This project is included in the approved FY2008-2012 Highway Improvement Program. The County has determined that there is a need for capacity, safety and pavement improvements for the Algonquin Road corridor between Illinois Route 47 and Randall Road. Due to project readiness with respect to land acquisition, the project had been segmented into two (2) phases. Phase I was from approximately Annandale Road east to Randall Road. Phase II is from Illinois Route 47 east to Annandale Road. The project is funded with Motor Fuel Tax, County Matching and County Option Motor Fuel Tax funds. Phase I is scheduled to be completed in June 2008 and will provide a significant safety and operational improvement for the area. Phase II is scheduled to be completed in June 2009. The project includes widening, reconstruction, drainage system modifications and traffic signal improvements.

The engineering construction cost estimate for this improvement was \$14,778,346.00 and the low bid received from Curran Contracting of Crystal Lake, Illinois, was for \$11,557,524.70. The bid was \$3,220,821.30 below the engineering cost estimate. The lower bid amount is primarily due to lower unit prices on earthwork and bituminous items.

On a motion by Ms. Salgado, seconded by Ms. Orphal, the resolution awarding a construction contract for the Algonquin Road reconstruction project 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 AWARDING A CONSTRUCTION CONTRACT FOR THE HARMONY ROAD INTERSECTION RECONSTRUCTION PROJECT AND APPROPRIATING FUNDS

The McHenry County Division of Transportation requests the approval of the resolution awarding a construction contract and the appropriation of funds for the widening and reconstruction of the Harmony Road and U. S. Route 20 intersection in unincorporated Coral Township.

This project is included in the approved FY2008-2012 Highway Improvement Program. The County has determined that there is a need for safety improvements for the intersection of Harmony Road and U. S. Route 20. The project is funded with Motor Fuel Tax and County Option Motor Fuel Tax funds. The project is anticipated to be completed in September 2008. The project includes widening, reconstruction, drainage system modifications and retaining wall construction.

The engineering construction cost estimate for this improvement was \$2,052,909.50 and the low bid received from Plote Construction, Inc. of Hoffman Estates, Illinois was for \$1,680,920.05. The bid was \$371,989.45 below the engineering cost estimate.

As the project was expected to bid in 2007 at the time of the creation of the 2008 budget, this project was not budgeted for in FY2008. The FY2007 budget had budgeted \$1,400,000.00 for the project. Since the funds from 2007 were not used for another project, adequate funding is available for the project. Because a lower than anticipated bid was received for Algonquin Road, adequate funds are available in the FY2008 budget.

On a motion by Ms. Peschke, seconded by Mr. Dvorak, the resolution awarding a construction contract for the Harmony Road intersection reconstruction project 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.

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RESOLUTION APPROVING AN ENGINEERING SERVICES AGREEMENT AND THE APPROPRIATION OF FUNDS

The McHenry County Division of Transportation (MCDOT) staff requests the approval of the resolution endorsing a Phase I engineering services agreement with Strand Associates, Inc. for Township owned Group 4 bridges Armory Road over a branch of the Nippersink Creek and Oak Grove Road over an unnamed drainage ditch and the corresponding intergovernmental agreement with the State of Illinois for Federal participation.

The MCDOT needs to facilitate the replacement of the Township owned Armory Road bridge in Hebron Township and Oak Grove Road bridge in Chemung Township. Both bridges meet the requirements of the Federal Highway Bridge Program (HBP), which will fund 80% of the project for all phases.

The Phase I engineering services agreement has been negotiated by the MCDOT staff and has been reviewed and approved by the Illinois Department of Transportation (IDOT). The selection of Strand Associates, Inc. was approved by the Transportation Committee on June 6, 2007. The County and the State are entering into an intergovernmental agreement (IGA) where the County will be reimbursed 80% for engineering costs. Township Bridge Program funds will be used for 80% of the 20% Local Match funds. The County will be responsible for 20% of the 20% Local Match obligation, which is 4% of the entire project (\$9,403.20).

Agenda Items #8 and #9 were approved under the following motion.

On a motion by Ms. Salgado, seconded by Mr. Dvorak, the resolution approving an engineering services agreement and an IGA with the State of Illinois along with 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 AWARDING A COUNTY HIGHWAY PAVEMENT PRESERVATION AND MAINTENANCE CONTRACT AND THE APPROPRIATION OF FUNDS

The McHenry County Division of Transportation staff requests the approval of the resolution awarding a County Highway Pavement Preservation and Maintenance contract for FY2008.

McHenry County has implemented an annual pavement preservation and maintenance program to extend the service life of pavements in good condition and maximize the benefits from the limited funding available currently for annual maintenance. This contract includes pavement preservation on approximately 6.24 miles of County highways.

The project includes micro-surfacing treatment utilizing wet black bottom boiler slag (a waste product) for part of the aggregates to create a semi-permanent black pavement which will aid in snow and ice removal, as well as provide a high coefficient of friction. The micro-surface material is expected to be more durable than slurry seal treatment done the previous year. These treatments are expected to extend the service life of these pavements five (5) to seven (7) years at a fraction of the cost of resurfacing.

On a motion by Ms. Peschke, seconded by Ms. Salgado, the resolution awarding the County highway preservation and maintenance contract 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 AWARDING ROAD DISTRICT MAINTENANCE RESURFACING AND PAVEMENT PRESERVATION CONTRACTS

The McHenry County Division of Transportation (MCDOT) staff requests the approval of the resolution accepting bids and awarding Road District paving contracts for FY2008.

Bids were opened on March 24, 2008 at the MCDOT. This is an annual bid and is funded through the Township.

On a motion by Ms. Salgado, seconded by Ms. Peschke, the resolution awarding Road District maintenance resurfacing and pavement preservation contracts was approved with a recommendation to the County Board. A roll call vote was taken with all members present voting "yes"; motion carried.

RESOLUTION ACCEPTING ROAD DISTRICT MATERIAL BIDS

The McHenry County Division of Transportation (MCDOT) staff requests the approval of the resolution accepting bids for Township material bids for the FY2008 program.

Bids were opened on March 24, 2008 at the MCDOT. This is an annual bid and is funded through the respective Township.

On a motion by Ms. Salgado, seconded by Ms. Orphal, the resolution accepting Road District material bids 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

- Ms. Orphal requested a year end summary list of the completion of projects, including the dollar completion amount of what was appropriated and what was actually spent focusing on construction projects.

New Business

- The McHenry County Division of Transportation (MCDOT) staff is proposing to issue a request for qualifications (RFQ) to obtain an engineering consultant for various drainage design projects throughout various portions of the County.

In the FY2008-2012 Highway Improvement Program (HIP) the MCDOT has identified the need to address various drainage issues throughout the County. An amount of \$400,000.00 has been budgeted in the HIP for the design and construction of these improvements. Through the work of the Division's Drainage Engineer, Ms. Wynnyth Adair, the MCDOT has been able to better ascertain drainage issues that currently impact and can have a future impact on the County's highway system. As MCDOT staff does not currently have the time or specialized expertise required to handle some of these unique drainage issues, a consultant or consultants are being proposed to be brought on to assist staff with these projects.

Exact locations for this work are still being determined; however, staff would like to issue an RFQ to determine the best consultant(s) to assist the County with this effort. Based on the types of qualifications submitted, each task could be awarded to a different consultant or a combination of tasks could be awarded based on the qualifications submitted. Types of design services that the MCDOT is looking for include: box culvert repairs/replacement, drainage system analysis in older unincorporated areas of the County, televising and mapping of the Division's existing storm sewer system to comply with requirements set forth in the County's National Pollutant Discharge Elimination System (NPDES) permit, cross road culvert replacement including the utilization of innovative techniques such as slip lining, field tile investigations and repair/replacement for tiles located with the MCDOT right-of-way, as well as investigations into the construction and maintenance of detention basins. As the cost for each of these engineering services is not anticipated to exceed \$100,000.00, per the Consultant Selection Policy, staff would bring forward a consultant or consultants for each task for the Committee's approval and interviews by the Committee would not be required.

By consensus of the Committee, the MCDOT will post RFQ's for engineering services.

- Chairman Shea requested an update on the funding status of the Rakow Road Improvement project.

Mr. Korpalski explained that the project is fully funded within the Five-Year Highway Improvement Program (HIP): \$5.7 million from Congressman Manzullo; CMAQ funding for the McHenry County Conservation District Prairie Trail bridge over Rakow Road and \$1 million in STP funds which covers full

funding. The project is still in Phase I. As the County progresses through this process the engineering numbers and cost estimates will be refined.

The Public Hearing has already taken place. The next step will be to secure design approval, attain approval for Phase II engineering and initiate land acquisition activities. The final number for land acquisition activities is not known at this time. The HIP is updated on an annual basis which includes the latest cost estimates.

- Mr. Dittrich sought the Committee's input on a Rakow Road issue, which came up as part of the public involvement process, specifically regarding detention at Pyott Road. At the intersection of Rakow Road/Pyott Road, because of the McHenry County storm water management ordinance, the County has to provide detention. The County is proposing to build a retention pond on the northeast quadrant, the best location being right next to the project. Since the Public Hearing, staff was approached by the land owner (L & V). The owner is concerned about the proposed detention site because of the pending sale of the parcel. The owner wanted to know if the detention could be relocated. Upon further investigation, the other available parcel, also owned by L & V and similar in size, would be more costly to the County. Per Federal requirements, Mr. Dittrich noted that land acquisition or negotiation cannot be conducted during the Phase I process.

Direction from the Committee was sought. Discussions ensued and it was the direction of the Committee to move forward with the current location of detention as already proposed north and east of the Rakow Road/Pyott Road intersection.

Ms. Peschke stated that she was frustrated with the City of Crystal Lake's re-zoning of the property. This re-zoning now makes it more costly for the County to purchase the parcel. Ms. Peschke said that the County should have been advised of this situation and their input sought.

- Ms. Zierer noted that reducing speed limits in the County was discussed at the County Board meeting on Tuesday, April 1, 2008. She asked if all of the Township Highway Commissioners agreed with this matter. Ms. Zierer understood that the Township Highway Commissioners put together a resolution endorsing this issue, but that she had not seen a copy of it. She would like to know the Townships' input and if the vote was unanimous, stating that most everyone she has spoken with regarding this matter does not agree with a speed limit reduction. Mr. Korpalski stated that a copy of the letter and resolution would be provided to the Committee members and added that it was not a unanimous vote by the Township Commissioners.

EXECUTIVE SESSION

No Executive Session was held at today's meeting.

NEXT MEETING DATE & LOCATION

8:30 A.M. on April 16, 2008 – McHenry County Division of Transportation

ADJOURNMENT

On a motion by Ms. Orphal, seconded by Ms. Salgado, the meeting adjourned at 9:45 A.M.

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