

**Transportation Committee
Meeting Minutes
Wednesday, February 18, 2009 – 8:30 A.M.
McHenry County Division of Transportation
Main Conference Room
Woodstock, Illinois 60098**

Chairperson Anna May Miller
Ed Dvorak Paula Yensen
Virginia Peschke Daniel Ryan
Sandra Salgado Scott Breeden

CALL TO ORDER

Chairperson Miller called the meeting to order at 8:30 A.M.

MEMBERS IN ATTENDANCE

Chairperson Miller, Ed Dvorak, Daniel Ryan, Sandra Salgado, Paula Yensen, Scott Breeden and Virginia Peschke

Ed Dvorak arrived at 8:35 A.M.

MEMBERS NOT IN ATTENDANCE

None

OTHER ATTENDEES

In attendance were: Ken Koehler, County Board Chairman; Peter Austin, County Administrator; Joseph Korpalski, Director of Transportation/County Engineer; Cynthia Schaupp, SAO/Division of Transportation Liaison; Charles Eldredge, McHenry County Economic Development Corporation; Julie Hoberg, HDR; Glenn Schirmer, Chastain & Associates; Victor Ramirez, Director of Engineering/Building for the City of Crystal Lake; Linda Hunter, The Salvation Army; Iris Bryan, Town Crier Publication; Jeff Young, Assistant County Engineer; Mark DeVries, Division of Transportation, Maintenance Superintendent; Ed Markison, Division of Transportation, Assistant Maintenance Superintendent; Randy Morin, Division of Transportation, Vegetation Supervisor; Wally Dittrich, Division of Transportation, Design Manager; Mark Dammyer, Division of Transportation, Construction Manager; Cha Lee, Division of Transportation, Consultant Project/Design Engineer; Ken Baker, Division of Transportation, Township Engineer; Wynnyth Adair, Division of Transportation, Drainage Engineer; Troy Strange Division of Transportation, Construction Engineer; Pablo Faillaci, Division of Transportation, Construction Engineer; Ray Beets, Division of Transportation, Permit/Developer Project Manager; Jason Osborn, Division of Transportation, Principal Transportation Planner; Chalen Daigle, Division of Transportation, Planning Liaison; Debra Kroll, Division of Transportation, Administrative Specialist.

PUBLIC COMMENT

None

APPROVAL OF MEETING MINUTES – February 4, 2009

On a motion by Ms. Salgado, seconded by Ms. Peschke, the meeting minutes of February 4, 2009 were approved as presented.

A voice vote was taken with six (6) members present voting “aye”; motion carried. Ms. Yensen abstained from voting because she was not present at the February 4, 2009 meeting.

RESOLUTION SUPPORTING THE CONSTRUCTION OF THE ILLINOIS ROUTE 53 EXTENSION IN LAKE COUNTY, ILLINOIS

Mr. Charles Eldredge, Chairman of the McHenry County Economic Development Corporation (MCEDC) Transportation Infrastructure Committee, updated the Committee on the Illinois Route 53 Extension in Lake County, Illinois. The extension of Illinois Route 53 would begin north from Lake-Cook Road to a corridor south of Grayslake, with an east-west leg connecting to Interstate 94 and terminating to the west near U. S. Route 12 and

Illinois Route 120. The Lake County Board has scheduled an advisory referendum within Lake County to express support or opposition to the Illinois Route 53 Extension on April 7, 2009.

The extension of Illinois route 53 has been studied repeatedly, and consistently found to provide the most congestion relief of possible alternatives, most recently in the Lake County Transportation Improvement Project.

Mr. Charles Eldredge requested that McHenry County support this major transportation improvement of regional and super-regional significance.

Mr. Dvorak arrived at 8:35 A.M.

On a motion by Mr. Ryan, seconded by Ms. Yensen, the resolution supporting the construction of the Illinois Route 53 Extension in Lake County, Illinois was approved with a recommendation to the County Board.

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

PRESENTATIONS

Pavement Preservation

Mr. Korpalski stated that one of the reasons the Pavement Preservation presentation was brought back before the Committee was for the benefit of the new members. The second reason being that the resolutions for the FY2009 Pavement Preservation projects as part of the Highway Improvement Program (HIP), will be forthcoming at a later date.

Mr. Korpalski explained that the presentation identifies the use of the RTA Sales Tax funds as part of that program. It was noted that the McHenry County Division of Transportation (MCDOT) was expanding the program based on the use of the RTA Sales Tax funds.

Mr. Dammyer presenting on the FY2009 Pavement Preservation program, stated that Mr. Baker who is the Township MFT Engineer was instrumental in developing the program. The MCDOT is about to accept bids for the 2009 program due March 2, 2009. This is the third year that the Pavement Preservation Program has been in force.

The MCDOT endeavors to attain a fifteen (15) to twenty (20) year life span from the roads between major resurfacing and rehabilitation projects. The resurfacing projects are first milled to a depth of 3.75 inches and that pavement is replaced with a 2.25 inch binder and a 1.50 inch surface course. These are all heavier class mixtures which are stiffer for higher ADT (Annual Daily Traffic) roads. This mixture is used on all County roads because of its ability to better resist rutting. After resurfacing, the roads are cracked sealed three (3) to five (5) years later. The crack seal effectively keeps water out of the cracks and therefore the base and sub-base to minimize further deterioration at the cracks, due to water intrusion causing softening of the base, as well as destructive freeze-thaw action.

The next step of the process is to place a micro-surface treatment on these pavements between six (6) to nine (9) years after resurfacing. This step includes crack filling (no routing) being a low cost seal on the secondary or minor cracks, which have developed since the crack seal. The micro-surface provides a low cost wearing surface (with a high coefficient of friction) to protect the Hot Mix Asphalt (HMA) mat from oxidation. It creates a black surface by using wet black bottom boiler slag (WBBBS), a low cost waste material, as one part of the aggregates because it remains black for a long period of time, which can reduce snow removal costs by taking advantage of solar heating. This will assist in protecting the striping on the roads and last a longer period of time.

A visual inspection is performed on all County roads every year, a windshield survey, rating the pavements from one (1) to ten (10); 10 being the best and 1 being the worse. The roads to be resurfaced in 2009 are rated four (4) or under. Micro surfaced roads were rated five (5) to seven (7). The proposed roads for the resurfacing program in 2009 are:

Richardson Road from Illinois Route 173 to U. S. Route 12
Main Street from U. S. Route 12 to the County Line
Bay Road from the County Line to Chapel Hill Road
Tryon Grove Road from U. S. Route 12 to Greenwood Road

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In addition repairs are being made on Walkup Road just north of Veterans Acres Park and also on Kishwaukee Valley Road just west of Illinois Route 23.

The estimated cost for resurfacing work in 2009 is 21.1 lane miles of road, at a cost of about \$160,000.000 per lane mile. Last year's final cost was \$116,000.00 per lane mile for 14.50 lane miles. The increase in cost is due to the experienced increase in the cost of Hot Mix Asphalt (HMA). Last year the cost was \$47.43/ton for surface and \$42.15/ton for binder. The estimated 2009 surface cost per ton is \$70.00 and \$65.00 for binder. These prices are highly volatile and are the limiting factor in the entire program.

The selected roads for micro-surfacing in 2009 are Altenberg Road, Oak Grove Road and McGuire Road and are all rated at 7.00 to 7.50. These roads were chosen for micro-surfacing because they were paved six (6) to eight (8) years ago and have been crack sealed. In 2009, the County will include two (2) layers of micro-surfacing versus last year's single layer. The estimated cost for 26.1 lane miles \$30,000.00 per lane mile and last year's cost was \$17,450.00 per lane mile.

The County has found a new source of aggregate to include with the WBBBS which is a crushed and washed stone, so the fines are washed out allowing a higher percent of boiler slag use. The MCDOT expects better performance because it is a harder aggregate.

Summary of the program for 2009 is a total of \$4.5 million: \$1.55 million of MFT, \$1.35 million of County Option, and \$1.6 million of RTA Sales Tax funds.

We will soon begin working on the twenty (20) year Pavement Preservation Program, but without going into great detail until such time that the Pavement Management System (PMS) and pavement data are in place. We can conclude in general at this time that due to the assistance of the Local Agency Pavement Preservation (LAPP) Program and programmed major projects on County highways, that the current level of work (lane miles improved) proposed for 2009 approximates the level of work needed in the future to sustain our current average pavement condition, being about 6.5. In addition, that means if the price of asphalt cement were to double in the near future, our budget commitment would likewise need to double in order to maintain our current average pavement condition.

Mr. Baker is the only local County member of the MP3 (Midwest Pavement Preservation Partners), which is a thirteen (13) state national organization to promote pavement preservation. Mr. Baker will be instrumental in coordinating this year's meeting in Schaumburg. MCDOT staff met with the Illinois Department of Transportation (IDOT) and as a result of that meeting, MCDOT could become a pilot program in the State of Illinois. McHenry County will be the sixth county involved as a pilot program and will need to submit a 2-year and a 10-year Pavement Preservation Program to IDOT for approval. If approved, the County will then be eligible for Federal funds through LAPP and the Council of Mayors. IDOT will look to McHenry County to be a leader in working with other counties regarding pavement preservation.

Randall Road – County Line Road to Ackman Road

The McHenry County Division of Transportation (MCDOT) staff presented a project history and update of the Randall Road project. This presentation was made to the Transportation Committee in order to obtain concurrence on the project scope so that presentations can be made to the Village Boards of Algonquin and Lake in the Hills, and the City Council of Crystal Lake.

Mr. Dittrich noted that the MCDOT has been working on the Randall Road Improvement Study for almost two (2) years. It was last summer when the project history was last presented to the Transportation Committee, before the public meeting was held in September.

Mr. Dittrich spoke about the history of the study, the purpose and need, addressed various details on the preferred alternatives and discussed the next steps in the process in order to move forward.

Results of the presentation were:

Preferred Alternative – Alternative 4 (6-lane Randall Road)

- Ackman Road: No improvements
- **Crystal Lake Option 2**
 - Alexandra Boulevard: Close Access
 - Angela Lane: Add turning lanes and signalize
 - Village Road: Convert to right-in / right-out access
- Miller Road: Add turning lanes
- **Section 4(f) Option A – shift alignment to the west**
- Acorn Lane / Polaris Drive: Add turning lanes
- **Algonquin Road: Continuous Flow Intersection (CFI)**
- Stonegate Road: Convert to right-in / right-out access
- Bunker Hill Drive / Huntington Drive: Add turn lanes
- Harnish Drive: No improvements
- County Line Road: No improvements

Schedule

- Develop Preferred Alternative / Identify Impacts – Spring and Summer of 2009
- Public Hearing – Summer / Fall 2009
- Submit Phase I Report to IDOT / FHWA – Fall 2009
- Receive Design Approval – Spring 2010

Ms. Yensen stated that she would like assurance that the municipalities were disseminating the information provided to them by the MCDOT, concerning this project to the local residents.

Mr. Victor Ramirez, Director of Engineering and Building for the City of Crystal Lake and a Community Advisory Council (CAC) member was present to convey the comments from the Crystal Lake City Council. Approximately four (4) presentations have been made to the City Council, including one last night that Mr. Ramirez conducted, updating the City Council on the progress of the study and the preferred alternatives. Mr. Ramirez noted that the Council was not receptive and strongly objected to the proposed four (4) options between Village Road and Alexandra Boulevard. The City Council would like McHenry County to consider an alternative that allows signalization at Alexandra Boulevard and a right-in/right-out access at Angela Lane and Village Road.

Mr. DeVries was asked how snow plowing would be affected by CFI's and stated that any improvements would create new challenges; however, if traffic movements are improved, it would certainly augment winter maintenance operations.

A website has been set up by HDR Engineering, Inc. for ongoing progress of the project (www.RandallRoad.info).

The Transportation Committee offered their concurrence to proceed with informational presentations to the Village Boards of Algonquin and Lake in the Hills, and the City Council of Crystal Lake. Staff will then report back to the Transportation Committee with comments received from the municipalities and a final recommendation will be presented for the Committee's consideration.

RESOLUTION AWARDING A CONTRACT FOR FY2008-2009 TREE REMOVAL MAINTENANCE AND APPROPRIATING FUNDS

The McHenry County Division of Transportation (MCDOT) staff requests approval of the resolution appropriating funds for FY 2009 tree trimming and removal contract.

The MCDOT has recognized the need for an emergency tree removal and tree trimming contract in case of a catastrophic storm event. In addition to emergencies, the need has been identified for tree removal and stump grinding for tree work that is outside the capabilities of the MCDOT Maintenance Vegetation Section.

After the tornado that hit the town of Lawrence, Illinois on January 6, 2008, the MCDOT reviewed its disaster recovery plan. The MCDOT staff confirmed the ability to respond to a single isolated event such as the Lawrence incident. However, limitations were evident should the event cover a larger area or consist of multiple incidents in a short time period. This contract would provide the MCDOT greater flexibility in the event of a greater catastrophe. For example, MCDOT resources could be redistributed to more immediate needs while a contractor was addressing tree removal issues. Retaining a contractor and fixed unit prices within this contract will protect the County from paying inflated prices and securing a contractor during an emergency. The MCDOT staff has also identified the need for tree removal that is out of the scope of the MCDOT Vegetation Section, due to limitations with existing equipment and staff time. Having this flexibility will permit County resources to be better utilized.

The contract bid includes the option to continue the service on an annual renewal basis for up to three (3) consecutive years, if so desired. Approval of funds for subsequent years would be brought forward each year to the Transportation Committee and County Board for approval. The County received eleven (11) bids for this contract.

The amount budgeted was approved in the FY2009 budget. The bid tabulation numbers are unit prices that reflect tree removal in six (6) inch increments from one (1) inch to forty (40) inches. Out of the eleven (11) bidders, the MCDOT recommends awarding the contract to the Davey Tree Experts located in East Dundee, Illinois. The lowest bidder, Liberating Solutions, was neither responsive nor responsible as one (1) of their required references stated they did not perform tree removal. They also did not provide the MCDOT with the name and certification number of a Certified Arborist. This matter has been discussed with the Purchasing Director and the State's Attorney Office (SAO).

On a motion by Ms. Salgado, seconded by Ms. Peschke, the resolution awarding a contract to the Davey Tree Experts for the FY2008-2009 tree removal maintenance and appropriating 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 APPROVING AN ENGINEERING AGREEMENT TO PROVIDE BRIDGE INSPECTION SERVICES AND APPROPRIATING FUNDS

The McHenry County Division of Transportation (MCDOT) staff requests approval of the resolution approving the Preliminary Engineering Services Agreement with Fehr-Graham & Associates LLC (FGA), for the 2009 Biennial Inspection of eighty-four (84) structures. This inspection cycle includes all of the structures on the two-year inspection interval, one (1) fracture critical inspection, three (3) underwater inspections and the preparation of scour critical Plan of Action Reports as required for five (5) structures.

The National Bridge Inspection Standards (NBIS) adopted by the Federal Government require that all structures, including culverts, which have an opening of twenty (20) feet or greater, be inspected at two (2) or four (4) year intervals. The fracture critical structure inspection is the Allendale Road bridge, which will not be replaced before the inspection is due. The underwater inspections are required on a five (5) year cycle, will be due December 2009, and include the three (3) Fox River bridges. The Plan of Action Reports for scour critical bridges is a new requirement as of this inspection cycle and will be prepared for the first time.

Due to the progressive deterioration of structures occurring on the McHenry County and Township roadway systems, it was requested by MCDOT staff that this contract include provisions for inspection efforts beyond the normal NBIS requirements, if warranted. These potential costs have been included as Item #5 on page 5 of the contract, and include the use of lifts, snoopers, flaggers and non-destructive testing equipment as may be recommended as a result of the routine inspections, and undertaken as necessary or prudent under the direction of the MCDOT.

The budget includes \$200,000.00 from the County Bridge fund for Bridge Inspections. This "not to exceed" contract for \$170,000.00 and the supplemental structural consulting services as previously approved for \$30,000.00 complete the budget line item for the County Bridge fund.

On a motion by Mr. Dvorak, seconded by Ms. Yensen, the resolution approving an engineering services agreement with Fehr-Graham & Associates LLC (FGA) to provide bridge inspection services and appropriating funds was approved with a recommendation to the County Board.

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

ADOPT-A-HIGHWAY

The McHenry County Division of Transportation (MCDOT) staff requests the approval of the attached resolution approving the inclusion of the identified groups into the MCDOT Adopt-A-Highway Program.

McHenry County Citizens for Choice – Walkup Road from Pleasant Hill Road to Hillside Road – new group

FITRX Nutrition – Randall Road from Algonquin Road to County Line Road – new group

In order to augment the MCDOT’s litter collection efforts, the County enacted an Ordinance to allow for volunteer groups to adopt various sections of highways for litter collection. With the approval of these agreements, the MCDOT has 119 groups enrolled in the program covering 136.5 centerline miles of the 214 available miles in the program, which is roughly 64%.

The ordinance requires that the volunteer groups enter into an agreement with McHenry County defining the responsibilities of the group and the County. This resolution approves the County to enter into an agreement with two (2) groups for two (2) sections of highway.

Chairperson Miller requested that Ms. Peschke work with the MCDOT and the SAO on drafting a policy of specific guidelines for acceptable and appropriate names for McHenry County Adopt-A-Highway groups. It was also requested that Ms. Yensen work in conjunction with the MCDOT and Ms. Peschke to provide information acquired through prior experience regarding similar issues.

On a motion by Ms. Peschke, seconded by Mr. Dvorak, the resolution approving the inclusion of the identified groups into the McHenry County Adopt-A-Highway Program was approved with a recommendation to the County Board.

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

PROJECT STATUS REPORT

No discussion.

OLD BUSINESS

Request for Qualifications

Drainage Tasks I-V

After reviewing all submitted Statement of Qualifications, the McHenry County Division of Transportation (MCDOT) staff requests the approval of the following three (3) consultants, to begin entering into contract negotiations for various drainage design work throughout McHenry County:

Task 1 and Task 2 - Hey and Associates, Inc.

Task 1 consists of evaluation and design of the replacement of the field tile located in the MCDOT right-of-way on Hartland Road from the maintenance driveway south past the entrance to the Sheriff’s shooting range.

Task 2 consists of evaluation of the MCDOT detention ponds current capacity and operation versus as designed capacity and operation.

Task 3 and Task 5 – Baxter & Woodman Consulting Engineers

Task 3 consists of general mapping and evaluation of cross road culverts and assistance with a culvert maintenance/replacement program. This task will also include evaluation of cross road culverts across the County.

Task 5 consists of analysis of various drainage systems throughout McHenry County.

Task 4 – Christopher B. Burke Engineering Ltd.

Task 4 consists of work related to various drainage system replacements and upgrades, as well as any needed drainage system mapping.

Upon approval of these consultants, MCDOT staff will enter into discussions and will bring forward contracts for services in the near future. These contracts will identify the specific work required at that time.

At the Transportation Committee meeting on April 2, 2008, concurrence was given to select consultants for this work without interviews, per the Consultant Selection Policy. This policy was regarding the need for interviews for contract fees over \$100,000.00 and was waived with the understanding that each individual task would be substantially less than that amount and that a listing of the selected consultants with justification and reasoning behind MCDOT staff's recommendations, would be provided to Committee members before their concurrence.

On a motion by Ms. Salgado, seconded by Mr. Ryan, the Committee approved the three (3) selected consultants and MCDOT staff was directed to enter into negotiations for drainage design services.

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

NEW BUSINESS

- As discussed at the February 6, 2009 County Board Strategic Planning meeting, design approval was received for Rakow Road Phase I Engineering and the McHenry County Division of Transportation (MCDOT) has just received Notice to Proceed (NTP) for Phase II.
- Ms. Yensen requested that a letter be drafted explaining the County's Speed Limit Policy and provided to residents who attended the last County Board meeting to address their questions and concerns regarding speed limits throughout the County. This letter will be drafted by staff and reviewed by the State's Attorney Office (SAO).
- The Regional Planning Commission has released the 2020 Land Use Plan Infrastructure Chapter for review. Staff has reviewed that Chapter and feels that the County may be best served if the Chapter is rewritten to reflect or reference the County Board approved 2020 Long Range Transportation Plan, the Sub-regional Bicycle Plan and the Transit Plan. Many ideas have been technically and publicly vetted in these plans and constrained, based on anticipated revenues. Because the County Board has approved these three (3) different plans, the recommendation is that the Infrastructure Chapter include minimal information regarding the transportation plans and concepts. The recommendation is that one (1) paragraph regarding each of these three (3) County Board approved transportation plans could suffice in the land use plan that is being considered.

Mr. Austin stated that the process is at a stage where it is appropriate to notify the Planning and Development (P & D) Committee and make them aware of the concerns that the MCDOT and the Transportation Committee have.

The Transportation Committee gave concurrence that MCDOT staff should attend the P & D meeting on Thursday, with will Mr. Austin to explain the comments regarding the Infrastructure Chapter with respect to the transportation components.

- Mr. DeVries was interviewed by Ms. Julie Mann on WBBM Radio regarding salt issues. This was done as a result of a County press release. The MCDOT was painted in a very positive light. He stated that he received numerous e-mails regarding this interview. Discussions touched upon pot holes, freeze thaw cycles and how they affect County roads. McHenry County roads compared with other agency roads fared very well in a comparison done by Ms. Mann. It was a very positive interview and this has been a very good relationship.

- Mr. DeVries also noted that MCDOT received 1,000 free gallons of a sugar cane product for winter road maintenance, which we have been asked to try on our County roads. We will test this side by side with our beet juice product and compare this product to what we are using, which is potentially less than the cost of our supplied sugar beet product.
- Mr. DeVries stated that he was part of a committee representing McHenry County and Lake County who researched all the salt issues that were experienced last year and met with the salt companies regarding those issues encountered by agencies. The Committee had meetings with Central Management Systems (CMS). Every agency in Illinois received a salt bid for 2009-2010 with a set letting in April based on input from this McHenry/Lake County committee. These changes could benefit every agency throughout Illinois.
- Mr. Korpalski stated that the Environmental Defenders of McHenry County voted to present their 2008 Governmental award to the McHenry County Division of Transportation for its Maintenance Section's achievement in road salt reduction.
- Mr. Korpalski referred to an e-mail that he sent to the Committee members on Friday February 13, 2009 regarding a letter from the Federal Highway Administration (FHWA), Mr. Norman Stoner, Illinois Section Manager stating concerns FHWA has with the Illinois Department of Transportation.. Mr. Korpalski stated that he wanted to make the Committee aware of the various issues regarding the Federal processes which are cumbersome and lengthy and extended by circumstances that are well outside of the control of the McHenry County Division of Transportation (MCDOT), its consultants or anyone else with the process.

EXECUTIVE SESSION – Land Acquisition and Meeting Minutes

On a motion by Ms. Peschke, seconded by Ms. Yensen, the meeting went into Executive Session at 10:30 A.M. to discuss land acquisition and meeting minutes.

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

REGULAR SESSION

On a motion by Ms. Yensen, seconded by Ms. Peschke, the Committee went back into regular session at 10:46 A.M.

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

RESOLUTION TO APPROVE THE ACQUISITION OF RIGHT-OF-WAY FOR HIGHWAY PURPOSES

McHenry County Division of Transportation (MCDOT) staff requests the approval of the resolution appropriating the acquisition of right-of-way for the Allendale Road Bridge reconstruction project in Greenwood Township and appropriating funds for said land acquisition.

On a motion by Ms. Salgado, seconded by Mr. Ryan, the resolution approving the acquisition of right-of-way for highway purposes was approved with a recommendation to the County Board.

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

NEXT MEETING DATE & LOCATION

8:30 A.M. on March 4, 2009 – McHenry County Division of Transportation

ADJOURNMENT

On a motion by Mr. Breeden, seconded by Ms. Salgado, the meeting adjourned at 10:47 A.M.

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