

**Transportation Committee Meeting  
Wednesday, March 5, 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, Lyn Orphal, Mary Lou Zierer, Anna May Miller, Sandra Salgado and Virginia Peschke.

**MEMBERS NOT IN ATTENDANCE**

Ed Dvorak

**OTHER ATTENDEES**

In attendance were: John Labaj, Deputy County Administrator; Jeff Young, Assistant County Engineer; Walter Dittrich, Division of Transportation, Design Manager; Robert Rollings, Bollinger, Lach & Associates, Inc.; Paula Yensen, Village of Lake in the Hills, Trustee; Ted Hamilton, Jack Melhuish and Todd Destree, Smith Engineering Consultants, Inc. (SEC); George Vukelich, V3 Companies; Brian Smith, CTE; Mike Murray, Hartland Township Highway Commissioner; Craig Mitchell, Baxter & Woodman; Rick Bulthuis, ARC Disposal; Neel and Candy Kintz, residents of Marengo; Mark Dammyer, Division of Transportation, Construction Manager; Cha Lee, Division of Transportation, Consultant Project/Design Engineer; Wynnyth Adair, Division of Transportation, Drainage Engineer; Ron Maas, Division of Transportation, Data/Communications Manager; Glen Lindsey, Division of Transportation, Utility Coordinator; Ed Markison, Division of Transportation, Assistant Maintenance Superintendent; Jason Osborn, Division of Transportation, Principal Transportation Planner; Chalen Hunter, Division of Transportation, Planning Liaison; Debra Kroll, Division of Transportation, Administrative Specialist.

**PUBLIC COMMENT**

None

**APPROVAL OF MEETING MINUTES – FEBRUARY 20, 2008**

On a motion by Ms. Zierer, seconded by Ms. Miller, the meeting minutes from February 20, 2008 were approved as presented.

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

**PRESENTATION – Johnsburg Road Phase I Update with Roundabouts**

The McHenry County Division of Transportation (MCDOT) staff and Smith Engineering Consultants, Inc. (SEC) presented information on the Johnsburg Road project. A similar presentation was given last week at the Village of Johnsburg’s Committee of the Whole meeting.

In 2005, the MCDOT was awarded Congestion Mitigation and Air Quality (CMAQ) funds to improve Johnsburg Road from Illinois Route 31 to Chapel Hill Road. The purpose of this presentation was to discuss the project scope and proposed design, as well as different intersection alternatives at the Johnsburg Road/Chapel Hill Road intersection. These alternatives include typical traffic signal alternatives as well as modern roundabout alternatives. As modern roundabouts are being considered by MCDOT staff at other locations in the county, this project provides the opportunity to update Committee members on an innovative intersection design.

Mr. Jack Melhuish of SEC conducted the presentation, identifying the following matters.

- *Tentative Schedule*
- *Purpose of Study*
- *Need for Improvement*

Mr. Melhuish then discussed the existing and proposed geometry of the following Johnsburg Road intersections.

- *Illinois Route 31*
- *Riverside Drive*
- *Spring Grove Road*
- *St. Johns/Chapel Hill Road*
- *Proposed Improvements at Johnsburg Road/Riverside Drive*
- *Four Alternates for the intersection of Johnsburg Road/St. John's Avenue/Chapel Hill Road*

At the Johnsburg Road/St. John's Avenue/Chapel Hill Road intersection, a discussion ensued regarding the four (4) alternatives presented comparing them to each other based on potential impacts and benefits.

Mr. Jeff Young then presented specific information about modern roundabouts and their consideration at the Johnsburg Road/St. John's Avenue/Chapel Hill Road intersection. Specific topics discussed were as follows:

*Modern Roundabouts Discussion*

- Navigating a roundabout – Yield approach
- Reductions in accidents and injuries versus signalized intersections
- Fewer Conflict Points
- Capacity increase versus signalized intersections
- Reduced queue lengths versus signalized intersections
- Accommodating truck movements
- Benefits of pedestrian movement versus a signalized intersection

This concluded the presentation.

Chairman Shea requested that colored hard copies of the PowerPoint presentation be made available for the Committee members.

**RESOLUTION APPROVING FY 2008-2012 HIGHWAY IMPROVEMENT PROGRAM (HIP)**

Staff requests the approval of the resolution approving the FY 2008 to 2012 Highway Improvement Program (HIP).

Mr. Jason Osborn, the Division's Principal Transportation Planner presented the FY 2008 to 2012 HIP.

The McHenry County Division of Transportation (MCDOT) has monitored project cost estimates and project needs for the last year and has prepared this five (5) year HIP. This is an annual process required by the Illinois Department of Transportation (IDOT) as part of the County's Agreement of Understanding and is guided by the County's 2020 Long Range Transportation Plan. Extensive planning over the last year is reflected in this five (5) year plan, including updated project costs and timelines, as well as the impacts of the issuance of debt certificates for transportation needs.

The FY 2008 to 2012 HIP includes over \$197 million in expenditures; \$30 million more than what was programmed last year. The program includes sufficient funding for twenty-one (21) bridge replacements, nine (9) intersection improvements, nine (9) add lanes projects and two (2) new road extension projects.

This program does not include estimated revenues from the Regional Transportation Authority (RTA) County Empowerment Sales Tax, but will be incorporated in subsequent programs as more information on the sales tax is received.

Mr. Jason Osborn updated the Committee on the 2020 Long Range Transportation Plan, addressing the following issues/projects.

*Project Highlights*

- \$19.7 Million – Widening Walkup Road in FY 2010
- \$18.0 Million – Widening Rakow Road in FY 2011
- \$14.2 Million – Widening of Miller Road from Illinois Route 31 to River Road in FY 2010
- \$10.0 Million – Extension of Algonquin Road to Harmony Road in FY 2010

*Expenditure Summary/81 projects/\$197.2 Million*

- New Road/Road Extensions (2)
- Add Lanes (9)
- Pavement Management (14)
- Intersection Improvements (9)
- Traffic Signal (1)
- Bridge Replacement (21)
- Other/Maintenance (25)

*CDRS (Coordinated Demand Response) Pilot*

- Have been working with Pace and the Metropolitan Planning Organization (MPO) concerning the Transportation Plan

*Expenditure by Improvement Type*

- Capacity – 37%
- Other Projects – 18%
- Maintenance – 4%
- Bridges – 10%
- Pavement Management – 11%
- Safety – 4%
- Operational – 16%

*Revenue Summary – (From Debt Certificates / Total - \$193.7 Million)*

- County Bridge Fund - \$2.0 Million
- Matching Fund - \$12.7 Million
- County MFT - \$28.7 Million
- County Option MFG - \$25.2 Million
- Interest - \$5.9 Million
- Reimbursements - \$119.2 Million

*Revenue Sources*

- Reimbursements – 61%
- Bridge Fund – 1%
- Matching Fund – 7%
- County MFT – 15%
- County Option Fund – 13%
- Interest – 3%

*Program Comparison*

- Expenditures
- Revenues
- Shortfall
- Expenses to Revenues Ratio

*Work Loads*

- Number of projects (Engineering and Construction)
- Projects costs

This concluded Mr. Osborn's update to the Committee.

Chairman Shea requested that hard copies of the PowerPoint presentation be made available and sent to the County Board members.

On a motion by Ms. Peschke, seconded by Ms. Salgado, the resolution approving the FY 2008-2012 Highway Improvement Program (HIP) 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 SERVICES AGREEMENT AMENDMENT AND APPROPRIATION OF FUNDS**

Staff requests the approval of the resolution approving a supplemental design engineering contract with Ciorba Group, Inc. for the improvement project at the Harmony Road/U. S. Route 20 intersection.

Ciorba Group was directed by the McHenry County Division of Transportation (MCDOT) staff to modify the contract plans and specifications to comply with comments and requirements made by the Illinois Department of Transportation (IDOT). IDOT comments were regarding the consideration of left turn lanes on U. S. Route 20 as well as redesigning the existing cross road culvert to facilitate drainage of the Harmony Road drainage system. The additional work performed by Ciorba Group, Inc. was necessary in order to receive IDOT's approval of the plans.

This supplement also includes support services (i.e. shop drawing review) during construction, which were not included in the previous contract.

The anticipated cost of construction for this project is approximately \$2 million. The project is being advertised on March 6, 2008 and will be let on March 27, 2008. Construction is anticipated to begin in May 2008.

On a motion by Ms. Orphal, seconded by Ms. Miller, the resolution approving an engineering services agreement amendment 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 APPROVING AN ENGINEERING SERVICES AGREEMENT AND APPROPRIATION OF FUNDS**

Staff requests the approval of the resolution approving a Phase I Engineering Services Agreement with CTE for the County owned Group 2 bridge on Kishwaukee Valley Road over the North Branch Kishwaukee River.

The McHenry County Division of Transportation (MCDOT) needs to facilitate the replacement of the County owned Kishwaukee Valley Road Bridge in Seneca Township. This bridge meets the requirements of the Federal Highway Bridge Program (HBP) which will fund the project 80% for all phases of this project.

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 CTE was approved by the Transportation Committee on June 6, 2007. The County and the State are entering into an IGA where the County will be reimbursed 80% for engineering costs.

Agenda Items #7 and #8 were approved under the following motion.

On a motion by Ms. Zierer, seconded by Ms. Peschke, the resolution approving an engineering services agreement and the intergovernmental agreement (IGA) with the State of Illinois and the appropriation of funds was approved under one (1) motion, 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 SERVICES AGREEMENT AND APPROPRIATION OF FUNDS**

Staff requests the approval of the resolution approving a Phase I Engineering Services Agreement with Ciorba Group, Inc. for the County owned Group 3 bridge on Dunham Road over the North Branch Kishwaukee River.

The McHenry County Division of Transportation (MCDOT) needs to facilitate the replacement of the County owned Dunham Road Bridge in Hartland Township. This bridge meets the requirements of the Federal Highway Bridge Program (HBP) which will fund the project 80% for all phases of this project.

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 Ciorba Group was approved by the Transportation Committee on June 6, 2007. The County and the State are engineering into an IGA where the County will be reimbursed 80% for engineering costs.

Agenda Item # 9 and #10 were approved under the following motion.

On a motion by Ms. Peschke, seconded by Ms. Orphal, the resolution approving an engineering services agreement and the intergovernmental agreement (IGA) with the State of Illinois and the appropriation of funds was approved under one (1) motion, 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 SERVICES AGREEMENT AND APPROPRIATION OF FUNDS**

Staff requests the approval of the resolution approving a Phase I engineering services agreement with Ciorba Group, Inc. for the Township owned Group 3 bridge on Dunham Road over Rush Creek.

The McHenry County Division of Transportation (MCDOT) needs to facilitate the replacement of the Township owned Dunham Road Bridge in Dunham Township. This bridge meets the requirements of the Federal Highway Bridge Program (HBP) which will fund the project 80% for all phases of this project.

The Phase I engineering services agreement has been negotiated by MCDOT staff and has been reviewed and approved by the Illinois Department of Transportation (IDOT). The selection of Ciorba Group, Inc. was approved by the Transportation Committee on June 6, 2007. The County and the State are entering into an 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 funds which is 4% of the whole project (\$5,079.00).

Agenda Item #11 and #12 were approved under the following motion.

On a motion by Ms. Orphal, seconded by Ms. Salgado, the resolution approving an engineering services agreement and an intergovernmental agreement (IGA) with the State of Illinois and the appropriation of funds was approved under one (1) motion, with a recommendation to the County Board.

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

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

Staff requests the approval of the Intergovernmental Agreement (IGA) with the Village of Union for the installation of a 4-way, all red flasher at the West Union Road (Jefferson Street) intersection with North Union Road (Northrup Road) in downtown Union.

The Village's Engineering Department conducted a traffic study and submitted it to the McHenry County Division of Transportation (MCDOT) for review. Upon review, the MCDOT concurs that the necessary stop sign warrants were met for making the intersection a 4-way stop. Currently, traffic making the southbound to westbound and eastbound to northbound movements do not stop. These free-flow movements are on County highways. The traffic on the local legs are currently the only traffic movements required to stop. The McHenry County Division of Transportation (MCDOT) staff met with Village of Union staff on site and determined that there were no suitable locations to install stop signs to make this intersection a 4-way stop. Therefore, it was recommended that an overhead flasher be installed at this intersection.

As two (2) legs of the intersection are under the Village of Union's jurisdiction, the Village has agreed to pay 50% of the installation costs. The MCDOT cost for this work is estimated to be approximately \$4,500.00.

Mr. Dittrich distributed a revised resolution to Committee members at the meeting and stated that the revision denotes funding that was provided through the Traffic Signal Maintenance Agreement (TSMA) and that a separate bid would not be needed to obtain funding; funding will be absorbed through the TSMA.

On a motion by Ms. Peschke, seconded by Ms. Salgado, the resolution approving an intergovernmental agreement with the Village of Union 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.

**CONSULTANT SELECTION**

***Harmony Road at U. S. Route 20***

Mr. Jeff Young stated that at the January 16, 2008 Transportation Committee meeting it was announced that the McHenry County Division of Transportation (MCDOT) would be losing two (2) staff members: Kevin Charles who will be deployed to Afghanistan and Paul Sponholz who will be getting married and accepting employment with the Wisconsin Department of Transportation. The MCDOT wishes both of them all the best.

Because of the loss of two (2) staff members, the MCDOT desires to keep County projects moving forward. There are three (3) projects that will soon be out for construction; the western half of Algonquin Road, Harmony Road at U. S. Route 20 and Chapel Hill Road at Lincoln Road. The MCDOT had received the Committee's permission to advertise for Request for Qualifications for construction engineering supervision services for the Harmony Road at U. S. Route 20 project.

Upon approval of this consultant, MCDOT staff will enter into discussions and bring forward contracts for services in the near future.

In order to move the project forward with a resident engineer in the most expeditious manner possible (as this project has been advertised and will be let on March 27, 2008), MCDOT staff requests that the Transportation Committee grant a waiver from the Consultant Selection Policy. The policy currently states the need for interviews for contract fees over \$100,000.00. The anticipated fee for this contract is between \$150,000.00 and \$200,000.00.

The MCDOT staff has provided Committee members with a ranking list (passed out at the meeting) which details the top three (3) firms as recommended by MCDOT staff, of which one (1) is being recommended for selection, based on strengths and experience.

After reviewing all submitted Statement of Qualifications, the MCDOT staff requests the approval of Bollinger, Lach and Associates, Inc. for the Phase III Consultant Services for the Harmony Road at U. S. Route 20 Intersection Improvements project.

On a motion by Ms. Peschke, seconded by Ms. Salgado, the Transportation Committee agreed and granted a waiver from the Consultant Selection Policy, in order to expedite the project.

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

A motion was made by Ms. Peschke, seconded by Ms. Orphal, to endorse Bollinger, Lach and Associates, Inc. as the selected consultant.

A roll call vote was taken with the following results: Ms. Peschke, yes; Ms. Orphal, yes; Chairman Shea, yes; Ms. Salgado, no; Ms. Miller, no; and Ms. Zierer, no; motion did not carry.

Discussions ensued and a motion was made by Ms. Salgado, seconded by Ms. Miller to endorse Smith Engineering Consultants, Inc. as the selected consultant.

A roll call vote was taken with the following results: Ms. Salgado, yes; Ms. Miller, yes; Ms. Zierer, yes; Ms. Orphal, no; Ms. Peschke, no; and Chairman Shea, no; motion did not carry.

Further discussions ensued.

A motion was made by Ms. Miller, seconded by Ms. Salgado to rescind the waiver vote and implement the Consultant Selection Policy by recommending that all top three (3) ranked consultants (Bollinger, Lach and Associates, Inc., V3 and Smith Engineering Consultants, Inc.) be brought forward for interviews.

A roll call vote was taken with the following results: Ms. Peschke, no; Chairman Shea, no; Ms. Salgado, yes; Ms. Miller, yes; Ms. Zierer, yes; and Ms. Orphal, yes; motion carried.

### **OLD/ NEW BUSINESS**

#### **Old Business**

Ms. Peschke was in support of and encouraged paperless (electronic) Transportation Committee packets. Chairman Shea was not in support of electronic packets and stated that he wished to receive a paper copy of the packet and added that anyone who wished to receive paperless (electronic) packets could forward that request to the Division of Transportation.

#### ***Rakow Road Public Hearing***

Mr. Dittrich announced that meeting notices for the Rakow Road Final Public Hearing were sent out. The meeting will be held on March 19, 2008 at the Crystal Lake South High School from 4:00 P.M. to 8:00 P.M.

#### **New Business**

- ***2008 Material Testing***

Mr. Dammyer announced that the McHenry County Division of Transportation (MCDOT) staff would like to renew the 2007 contract with Testing Service Corporation (TSC) for the annual general project material testing for 2008 in the amount \$75,000.00, the same amount as 2007. TSC provided excellent service in 2007. TSC has provided a proposal which includes a raise in price for man-hours only, in the amount of \$3.00/hour, as necessitated by their union contract. A contract will be brought forward to the March 19, 2008 Transportation Committee meeting.

RFQ's will be sought for the 2009 season.

- ***Randall Road***

The McHenry County Division of Transportation (MCDOT) staff requests concurrence from the Committee requiring the developer for the Oakridge Court (J. C. Penney's) on Randall Road to reimburse the McHenry County Division of Transportation (MCDOT) for the use of a consultant to perform Phase III inspection services for the construction of improvements to Randall Road.

Later this year, the developer constructing a shopping center at the southwest corner of Randall Road and Harnish Drive will be constructing major improvements on Randall Road. The project will involve

extending the improvements made by the Algonquin Commons north to Harnish Drive. The final roadway configuration will have dual left turn lanes at Harnish, as well as right turn lanes. The third lane will be dropped north of Harnish, south of Bunker Hill Road. Also included in this project is the construction of a new right-in/right-out access point to south bound Randall Road, just north of the current Wal-Mart entrance. The Wal-Mart entrance will be closed and will then share access with the newly constructed one.

Due to the extensive inspection and coordination required for this developer project, the MCDOT would like to utilize the services of a consultant to supplement the MCDOT's efforts on this project. This will also allow MCDOT staff to handle other developer projects, as it is anticipated that given the scale of this project, all of staff's time could be spent on this one (1) permit project. Kane County Division of Transportation (KDOT) used this same approach when the Algonquin Commons was built and found that it worked very well. It is anticipated that the cost for these consultant services could range from \$50,000.00 to \$100,000.00. The MCDOT would utilize Request for Qualifications (RFQ's) already received for the Harmony Road at U. S. Route 20 project to evaluate the best qualified consultant for the project.

- Ms. Zierer received a phone call from a constituent who reported driving on wet pavement after dark. A request was made for a flasher light warning to be placed before vehicles approach water on the road.
- Phone number information was requested for the Illinois Department of Transportation (IDOT) regarding situations that arise on State routes. IDOT/District One's public phone number is (847) 705-4400.

**EXECUTIVE SESSION – Minutes, Property Acquisitions, Personnel and/or Pending Litigation**

No Executive Session was held at today's meeting.

**NEXT MEETING DATE & LOCATION**

8:30 A.M. on March 19, 2008 – McHenry County Division of Transportation

**ADJOURNMENT**

On a motion by Ms. Orphal, seconded by Ms. Salgado, the meeting adjourned at 10:23 A.M.

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